Oracle® Enterprise Governance, Risk and Compliance Manager

Implementation Guide

Release 8.6.3

Part No. E25065-02

August 2011

ORACLE®

Oracle Enterprise Governance, Risk and Compliance Manager Implementation Guide

Contents

4 Module Management

5 Importing Data

6 Managing Assessments

7 Security Administration

8 Preparing for a Production Environment

A Appendix

Preface

This Preface introduces the guides and other information sources available to help you more effectively use Oracle Fusion Applications.

This *Implementation Guide* is meant to provide helpful guidance on the usage of the product. This of this document as a combination FAQ and helpful "Tips and Tricks."

It is a supplement to the official product documentation (such as the *User Guide* and *Installation Guide*), and is not intended to replace it. If discrepancies exist between this *Implementation Guide* and the official product documentation, the guidance and functional commentary provided by official documents supersede any that may be written here.

Disclaimer

The information contained in this document is intended to outline our general product direction and is for informational sharing purposes only, and should be considered in your capacity as a customer advisory board member or pursuant to your beta trial agreement only. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described in this document remains at the sole discretion of Oracle. This document in any form, software or printed matter, contains proprietary information that is the exclusive property of Oracle. Your access to and use of this confidential material is subject to the terms and conditions of your Oracle software license and service agreement, which has been executed and with which you agree to comply. This document and information contained herein may not be disclosed, copied, reproduced or distributed to anyone outside Oracle without prior written consent of Oracle. This document is not part of your license agreement nor can it be incorporated into any contractual agreement with Oracle or its subsidiaries or affiliates.

Other Information Sources

My Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/support/contact.html or visit http://www.oracle.com/accessibility/support.html if you are hearing impaired.

Use the My Oracle Support Knowledge Browser to find documents for a product area. You can search for release-specific information, such as patches, alerts, white papers, and troubleshooting tips. Other services include health checks, guided life cycle advice, and direct contact with industry experts through the My Oracle Support Community.

Oracle Enterprise Repository

Oracle Enterprise Repository provides visibility into service-oriented architecture assets to help you manage the life cycle of your software from planning through implementation, testing, production, and changes. In Oracle Fusion Applications, you can use the Oracle Enterprise Repository for:

- Technical information about integrating with other applications, including services, operations, composites, events, and integration tables. The classification scheme shows the scenarios in which you use the assets, and includes diagrams, schematics, and links to other technical documentation.

- Publishing other technical information such as reusable components, policies, architecture diagrams, and topology diagrams.

The Oracle Fusion Applications information is provided as a solution pack that you can upload to your own deployment of Oracle Enterprise Repository. You can document and govern integration interface assets provided by Oracle with other assets in your environment in a common repository.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/us/corporate/accessibility /index.html.

Comments and Suggestions

Your comments are important to us. We encourage you to send us feedback about Oracle Fusion Applications Help and guides. Please send your suggestions to oracle_fusion_applications_help_ww@oracle.com. You can use the Send Feedback to Oracle link in the footer of Oracle Fusion Applications Help.

1

Enterprise Governance, Risk and Compliance Setup Overview

Oracle Enterprise Governance, Risk and Compliance Manager (EGRCM) consists of self-contained, loosely coupled modules that provide components necessary to manage an organization's governance, risk and compliance objectives. Within each module, users may define risks to an organization's business, controls to mitigate the risks, and other objects (such as the process in which analysis takes place). In support of these objects, users may assess their effectiveness, conduct surveys as part of assessments, raise and resolve issues when defects are uncovered, and create perspectives — hierarchical representations of contexts in which risks and controls exist.

Data Types

EGRCM employs varying data types, described by the following terminology:

- Seeded data is metadata delivered with EGRCM, spanning the application. It includes the following data types:
  - Label and header names
  - Seeded lookup table values, such as control assertions or assessment responses (for example, *failed* or *pass*).
  - Perspective hierarchies, such as Organization or Major Process.
  - Security roles: data, duty, and job.
  - Content types.
  - Survey questions.
  - Survey templates.
- Configuration data includes several data types that can be modified by the user, including user-defined attributes, business-object configuration, module perspectives, lookup tables, content types, and URL repository.

- Transactional data refers to data types that describe events or actions that occur within EGRCM. These include the following:

  – The initiation of an assessment and the corresponding results.

  – The initiation of a survey and the responses.

  – The creation of an issue and remediation plans.

  – Within the Risk Management work area, the creation and completion of an analysis, evaluation, and treatment.

  – Action items defined within the Process Management work area.

- Operational data encompasses multiple data sources, including legacy data, libraries provided by external sources, and object-specific records defined within the application. Operational data types include:

  – The definition of a process, risk, and control within the seeded Financial Governance module. These definitions can also be referenced as a record.

  – Within custom modules, the definition of objects defined by the user (for example, IT Risks, IT Controls, Assets). This includes definitions of an event and consequences managed within the Risk Management area.

Diagnostic Steps

EGRCM has been designed to be incredibly scalable by means of hardware configuration. This means EGRCM performance can often be improved via a hardware change rather than a software change.

Touch points of EGRCM include several areas that span hardware, software, and network variables. Refer to the Hardware Requirement tab of the *Oracle Governance, Risk and Compliance Applications Support Matrix* for the recommended and supported hardware configuration.

It is highly recommended during implementation planning that sufficient time be allocated for setting up, testing, and troubleshooting environment-specific issues that occur commonly with the many combinations of environments available.

This following is a high-level recommendation for diagnostic steps during environment setup and implementation:

1. Work with Oracle Consulting or an Oracle partner service provider to evaluate your environment and options for an EGRCM installation.

   Consider creating Development, Test, and Production instances. It is highly recommended that the environments for these instances be similar to one another, as varying environments could cause unexpected issues.

   Search for any patches that may need to be applied. EGRCM patches are available on eDelivery and must be applied in sequential order.

2. Refer to the *Support Matrix* for recommended and supported hardware configurations.

3. Look on My Oracle Support for known environment variable issues.

4. Follow instructions in the *Governance, Risk and Compliance Installation Guide* to install EGRCM.

5. Verify that areas of the application are working. (See the *Oracle Enterprise Governance, Risk and Compliance Manager User Guide* for more information.)

   a. Create a new user by making a copy of the seeded *admin* user. Out-of-the-box Review and Approve is not in the workflow. Update this new user to include the Control Reviewer job role and Control Assessment Reviewer job role.

   b. Log in as the new user. You will need to change the password the first time you log on.

   c. Create a new control within the application.

      Does the control appear in the worklist? Validate that the control is in the correct state. If a worklist is not generated, validate that the SOA server is running.

      Approve the control through the Review and Approve workflow.

   d. Edit the control Did it change state?

6. Create an ad hoc assessment for the control. Does the correct task appear in the worklist?

7. Complete the control assessment: Fail the assessment and create an issue against the control assessment. Does the issue appear in the correct state and appear within Issue Management?

8. Use the Run Now feature on the Notifications tab of the Manage Application Configuration page to validate that email is being generated. Be aware that you must have one Worklist entry pending for EGRCM to generate an email. Prior to completing this step, ensure the admin user has a valid email address.

9. Run the Control Details Report, Control Assessment Report, and Risk Control Matrix.

10. If you do not wish for this new user to have Control Reviewer and Control Assessment Reviewer beyond this verification procedure, remove these job roles.

EGRCM Setup Flowchart

Although you can set up EGRCM in many ways, we recommend that you follow the order suggested in the flowchart at the top of the next page. Some steps are required, and others are optional; perform the optional steps only if you are ready to use the features or business functions implemented by those steps.

Governance, Risk and Compliance Manager Implementation

Administration Setup	Financial Governance Configuration	Module Management	Define the Operational Data	Security Administration
Manage Application Configuration	Configure Module Objects	Module Definition	Import Data using the Module template (or create from scratch)	Manage Duty Roles
Set Installation Options	Manage User Defined Attributes	Configure Module Objects	Run Reports	Manage Data Roles
	Manage Perspectives	Manage User Defined Attributes	Define Perspective Hierarchies	Manage Job Roles
	Administration Setup	Manage Perspectives	Manage Survey Content	Manage Users
		Administration Setup	Manage Assessment Templates and Plans	Run Security Administration Reports

Setup Checklist

To set up EGRCM, complete the steps in the following checklist. You must complete the steps identified as required. Complete each of the optional steps only if you want to use the functionality implemented by that step.

Each step is described in further detail later in this document. In addition, the description for each checklist step includes a reference to a section and chapter of the *EGRCM User Guide* where you can find full information about the procedures for completing each step.

Administration Setup

☐ **1** **Required:** EGRCM comes with one configured user, for which both the user name and password are *admin*. Use this user to complete the outlined implementation steps.

The seeded admin user is granted access to all job roles other than review and approval roles, so that records will enter the workflow process, but the review and approval steps will be skipped.

As you validated your installation, you were instructed to create a user based on the admin user (see step 5 of "Diagnostic Steps" on page 1-3). Redefine this user to have the same set of job roles that the admin user

has. During implementation, it is recommended that this user not have review and approval job roles, and that these roles be assigned only to users required to perform these tasks.

It is recommended that you keep the admin user active and do not remove or change any of its seeded duty and job roles.

☐ 2 **Required:** Connect your instance of EGRCM to its database. Typically, connectivity values are set during installation. You would update the values only if your configuration needs to change.

See "GRC Configuration" in the *Oracle Governance, Risk and Compliance Installation Guide*.

☐ 3 **Optional:** EGRCM supports a number of seeded operational reports, which do not require additional configuration.

☐ 4 **Optional:** You can choose to integrate EGRCM user administration with your LDAP user repository. This integration allows you to import users defined within the LDAP repository into EGRCM. Integration is a one-way pull from the LDAP repository into EGRCM. Changes made to a user within EGRCM are not pushed back into the LDAP repository. Only integration with the WebLogic embedded LDAP and Oracle Internet Directory (OID) is supported. On the User Integration tab of the EGRCM Manage Application Configurations page, provide values required for EGRCM to connect to the LDAP repository.

See "Managing Application Configurations" in the *Oracle Enterprise Governance, Risk and Compliance Manager User Guide*.

☐ 5 **Required:** Several EGRCM-specific options affect the entire installation: the default currency, and the default likelihood and impact models for use in defining proposed risk. These should be set before any data is loaded into the application. These values can be changed after data has been imported. However, this will not change existing data; it will only change the default itself.

See "Managing Installation Options" in the *EGRCM User Guide*.

Financial Governance Module Configuration

☐ 6 Optional: The seeded Financial Governance module business objects have several options for configuration. Prior to implementation, think how the module will be leveraged: What assessment activities are required to fulfill the objectives, will events and consequences be defined, are action items used? Out of the box, the configuration options are available (turned on), and this step is required only if some of these features need to be turned off.

See "Module Object Configuration" (page 1-8) as well as "Configuring Module Objects" in the *EGRCM User Guide*.

☐ 7 Required: Financial Governance module administration setup includes:

- Attachment configuration: Attachments are enabled throughout the application. Consider the content types that are used during docu-

mentation, testing, and issue remediation. Use Manage Content Types within the Setup and Administration tasks to review the delivered content types and update the list as necessary.

- Configuration of the URL repository: A user-defined attribute (UDA) can be of the link type; it provides the ability to introduce a link to a web site. The URL repository is a set of URLs that can be included in a link UDA. Update the repository with URLs you want to introduce within the EGRCM pages. These links appear in the Additional Details section of a page along with other UDA fields.

- Updating of lookup tables: Some of the lookup tables for attributes on EGRCM core objects can be updated with new values. For example, you may wish to add a value for Frequency on Controls, or to add a value for Issue Severity. Not all delivered lookup-table attributes can be modified — see "Managing Lookup Tables" in the *EGRCM User Guide*.

  – Control Enforcement Type is seeded with the following values: Detective, Preventive, and Corrective.

  – If you create a UDA to enable users to select from a set of values, you must create a lookup table that defines the values. Be sure to select the Used for User Defined Attribute checkbox as you define values for the lookup table. Only table with this indicator turned on can be selected as a lookup table for a UDA.

  – Object Type: The Type attribute enables an additional level of categorization for an object. Out of the box, there are no seeded values. When defining these values, consider subgroupings of controls, risks, processes, and so forth. For example, within controls being manager, there are Financial Compliance and IT Security. Two values can be created and used in reporting.

☐ 8 **Optional:** The Financial Governance module includes seeded metadata. Depending on business requirements, additional metadata may be required. UDAs enable users to define custom attributes. Prior to implementation, think how object definitions may need to be expanded. For example, Control Owner and Account values are required. You can define these additional attributes and associate them to a specific Financial Governance Module object.

For more information on UDAs, see step 20 in this checklist, " Creating User Defined Attributes" on page 4-4, and "Managing User-Defined Attributes" in the *EGRCM User Guide*.

☐ 9 **Required:** Prior to defining perspective hierarchies, think how data-level security applies to the user community. Perspectives are used to define the set of data to which a user has access. Perspective hierarchies provide structure to the objects being managed in the application, by grouping objects together by a common category, which can then be used for sorting, filtering, and reporting. Perspectives are the drivers for

data-level security. EGRCM supports granular data-level security. Data security can be defined at the perspective hierarchy parent or to a specific perspective value. While not every perspective is used for security purposes, this aspect of their usage should always be considered. Therefore, when defining your perspectives keep in mind how you want to manage data security (how you want to segregate your data within the user community) and reporting.

See the "Security Administration" chapter (beginning on page 7-1).

☐ 10 **Optional:** Operational data can be loaded into the application for Financial Governance module objects; the data source is an import template Excel spreadsheet. The data load supported for this release is the initial loading of data, which covers business objects like processes, risks, and controls, perspectives, and so on, and their relationships. Refer to steps 23 and 24 in this checklist.

☐ 11 **Required:** Configure Financial Governance user profiles. Refer to steps 26–30 of this checklist and to "Define the Operation Data: Importing Data" (page 5-1).

Module Management

The following steps are required only when a new module is being defined.

☐ 12 **Required:** EGRCM is delivered with a single template, called the Standard template. The user must select this template to create a new module. The template provides a defined list of objects and relation-ships, which can be selected and configured to define a custom module. EGRCM provides the ability to modify the seeded objects and their configuration based on the defined parameters within the template.

See "Managing Modules" in the *EGRCM User Guide*.

☐ 13 **Required:** Select the business objects for the module. Prior to confi-guring a new module, it is recommended you consider your current business objective as well as future use to determine which objects to use. For example, if you configure a custom Financial Governance module, and strategy calls for it to include an Objective object in future, you should include that object as part of the new module. This approach enables the user to apply the additional object easily at the appropriate time. Carefully review the module definition, because once a module has been submitted, its definition cannot be modified (although the module can be marked as inactive).

Note: Access to the objects within the module is controlled through grants to users of appropriate job roles in their security profiles. Until his security profile has been updated, a user does not have access to the business objects. If the module contains an object to be used in future, delay adding the appropriate job role until you want users to interact with that object.

☐ **14** **Required:** Configure relationships between the objects that were selected in previous steps. Some key aspects to consider while configuring object associations include these:

- How are the objects related?

- Is the relationship direct, or is there an indirect relationship through another object?

  For example, if you configure Process > Financial Risk > Financial Control, the Process-to-Risk relationship is direct, whereas the Process-to-Control relationship is indirect (it goes through Risk).

  For the Process object, the checkbox for Financial Risk should be turned on, while the checkbox for Financial Control should be turned off. The checkbox for Financial Control should be turned on within the Financial Risk region.

  It's recommended that you first configure the base objects, risk object, and then control objects.

☐ **15** Required: Set labels for the objects. The object labels should be changed as part of the module creation process. It is recommended that the label names be simple and distinct. These names are incorporated into the main navigation.

Module Object Configuration

☐ **16** **Required:** The core business objects (base objects, risks, controls) that define the module's data model have specific configuration options, and each core business object has specific characteristics to support its specific business objective. For example, the risk object is designed to support the elements of risk management, while the control object is designed to support test plans and instructions. EGRCM enables the configuration of these business objects. Common configuration options include:

- Assessment activity definition: Identifies which assessment activities apply to a specific object.

- Guidance text: Guidance text for assessment activities by seeded object.

- Activity question: Assessment result question.

To refine this configuration, use object-specific configuration options described in steps 17–19.

☐ **17** **Optional:** By default, all the elements for the Risk object are turned on. Prior to implementation, consider how risk management will be used today and in the future. Today users may not need to define events and consequences, but in six months this feature may be required. Events and consequences should remain on; leverage job roles to restrict access to these features of risk management.

See "Managing Objects for the Module" (page 4-4).

☐ **18** **Optional:** Base objects are leveraged to manage a variety of GRC objective, such as Process, Projects, and Initiatives. Consider how the base object will be used.

See "Managing Objects for the Module" (page 4-4).

☐ **19** Optional: Control object configuration options include the ability to hide or show issue and remediation. (This is not available for the Financial Governance module object configuration.)

If the Issue option is set to Hide, the Issue tab will not appear within the manage object workarea. In addition, the user cannot create any issues for this specific object. If the Issue option is set to Hide, the Remediation option is also hidden, display-only. If there is issue data associated with the object, the issue option cannot be changed from Show to Hide.

If the user wants to use the assessment feature for a given business object, the Issue option should not be set to Hide for that object. It is standard practice to create issues when an assessment has failed.

See "Managing Application Configurations" in the *EGRCM User Guide*.

User-Defined Attributes for Objects within a Module

☐ **20** **Optional:** Define user-defined attributes (UDAs). This feature supports the ability to extend the design for the business objects.

Define a UDA for an object within a module to support the addition of other descriptive information needed for the object. For example, suppose that as a business requirement, Risk Owner must be captured as part of a risk object's definition. A UDA would be created to capture this value.

Module Perspectives

☐ **21** **Optional:** Review how perspectives are to be managed. If you use perspective types, you must define the type values prior to defining the perspective.

☐ **22** **Required:** Perspective hierarchies provide structure to the objects being managed in the application, by grouping objects together by common category, which can then be used for sorting, filtering, and reporting. Perspectives are the drivers for data-level security. EGRCM security supports granular data-level security. Data security can be defined at the perspective hierarchy parent or to a specific perspective value. While not every perspective is used for security purposes, this aspect of their usage should always be considered. Therefore, when defining your perspectives keep in mind how you want to manage data security (how you want to segregate your data within the user community) and reporting.

See the "Security Administration" chapter (beginning on page 7-1).

Operational Data Definition

The following steps are required only if legacy data is to be loaded.

☐ **23** **Required:** Operational data can be loaded into the application for Financial Governance and new module objects. The data source is an import template Excel spreadsheet. The data load supported for this release is the initial loading of data, which covers business objects like processes, risks, controls, perspectives, and so forth, and their relationships.

    1. Complete the import template. EGRCM supports two import templates that are included in the EGRCM 8.6.3 eDelivery package.

       – Use the Financial Governance template (ImportTemplate.xml) when you load data into the Financial Governance module.

       – Use the Import Flex template (ImportFlexTemplate.xml) when you load data into a custom EGRCM module.

    2. Import processes, controls, risks, perspectives, and their relationships.

    3. Within EGRCM Perspective Management, define the perspective hierarchies.

    4. Within EGRCM Module Management, associate the perspective hierarchies with the correct business objects.

☐ **24** **Optional:** Once the data has been successfully loaded, validate the data by running a few embedded reports. In addition, run the Risk and Control Matrix report to verify the relationships are as intended.

Note: It's recommended that a "super user" be created with access to all operational data associated to perspectives within each module. Log in as this user after the import to review and report on the imported data.

See "Define a User with Access to All Operational Data," page 7-20.

Security Administration

☐ **25** **Required:** EGRCM is delivered with a set of duty roles that are collections of functional tasks or work to be performed within the various areas of the application. The functionality included in each duty role represents the work the user can perform within the job role. What is delivered may or may not align with how your organization segregates work responsibilities, or a delivered duty role may have functionality you do not wish to use. Review the delivered duty roles. If you need to make changes, create a new duty role by copying one that was delivered, and then removing or adding functionality.

See the "Security Administration" chapter (page 7-1), as well as "Managing Duty Roles" in the *EGRCM User Guide*.

☐ **26** Required: Data roles control the data to which users have access within their job roles. At a minimum, each job role needs a data role or a set of data roles to identify the appropriate module, the appropriate object

state, appropriate actions, and set of perspectives that align with the data they interact with and the actions they perform against this data. No perspective filters are delivered with the data roles, since they are totally dependent on the perspectives you choose to use for each module. EGRCM is delivered with a set of composite data roles for the Financial Governance module for each of the delivered job roles. Create new custom data roles that reference the seeded composite data roles, and introduce the necessary perspective filters to define the appropriate security access.

Perspective hierarchies must be defined prior to the creation of the data roles, since they form the criteria used in the data roles.

See the "Security Administration" chapter (page 7-1).

☐ 27 Job duty roles define the functional privileges for a job. A job duty role is a collection of duty roles that define the tasks performed by a user assigned a job. EGRCM is delivered with a set of job duty roles for each delivered job role that align with the best practices of the functionality performed with each job. However, as with the duty roles, these job roles may not match your organization's requirements. Review the delivered job duty roles. If you need to make changes, create a new job duty role by copying one that was delivered, and then removing or adding functionality. Or, create a new job duty role from scratch.

See the "Security Administration" chapter (page 7-1).as well as "Managing Job Roles" in the *EGRCM User Guide*.

☐ 28 **Required:** Job roles are the security component that combines the functional privileges of the duty role with data roles to form the definition of what tasks are performed against which set of data. The job role is assigned to users. EGRCM is delivered with a set of sample job roles, but as with the duty roles, these job roles may not meet the requirements of your organization. Review the delivered job roles. If you need to make changes, create a new job role by copying one that was delivered, and then removing or adding functionality. Or, create a new job role from scratch. At a minimum, each job role needs a job duty role and a data role to identify the appropriate module, the appropriate object state, and set of perspectives that align with the duties users perform in their jobs.

See "Job Role" (page 7-17), as well as "Managing Job Roles" in the *EGRCM User Guide*.

☐ 29 **Required:** Define EGRCM users and grant them roles. You can import users from LDAP (see step 4 in this checklist) or define them directly in EGRCM. Each user is given one job role that grants access to log into the application and view the welcome dashboard. All other functionality must be granted to the user explicitly through the addition of job roles to his user profile.

EGRCM is seeded with one user, called admin, which has been granted all functional job roles except the review and approve job roles. It's recommended that you create a new user by copying the admin user; this should have been done during installation validation (see step 5 of

"Diagnostic Steps" on page 1-3). It's recommended that this user also be set up to have access to all the operational data for all modules.

See "Manage Users" (page 7-19), as well as "Managing Users in the *EGRCM User Guide*.

☐ **30** **Optional:** Run the security administrative reports to review users and roles:

- Review the Role Assignment report to ensure users are assigned the correct roles.

- Review the Unassigned Data Privileges report to verify that all the appropriate perspectives are referenced within a data role.

- Review the Record Assignment report to see what records a particular user might have access to.

- Review the Inaccessible Records report to see what records may be orphaned based on the security setup.

Assessment Management Definition

☐ **31** **Optional:** Create survey questions and templates as needed to be included in the assessment activity or to be distributed as a general survey to solicit and collect information pertaining to your organization's compliance initiatives.

See "Managing Surveys Explained" in the *EGRCM User Guide*.

☐ **32** **Required:** The objective in using assessment templates and plans is to streamline this process by creating reusable assessment plans. It would be common for users who manage assessment preparation to update or create new assessment plans annually.

See the "Managing Assessments" chapter (page 6-1) of this document as well as the "Managing Assessments" chapter in the *EGRCM User Guide*.

2

Administration Setup

Below is more discussion for each of the planning and installation steps outlined in the "Administration Setup" section of the setup checklist (page 1-4). There are references to other sections of this document or other EGRCM documentation for more detailed instructions.

Manage Application Configurations

Before you begin setting up your application configurations, consider your environment. Will you require various languages? Will you need to create additional reports leveraging the data staging area? What kind of password security does your company require? Will you import users from LDAP?

Do you want to send daily email notifications to the user community regarding the work they have been assigned? Do you want this email to include all their current assignments or just the new assignments generated since their previous email?

By carefully evaluating your business needs, you can configure your application accordingly for best performance and reporting.

See "Managing Application Configurations" in the *EGRCM User Guide*.

Installation Options

There are a few additional EGRCM-specific options you need to set for your environment. Consider what you want the currency to default to as you build out the application data. If you are using proposed risk, what likelihood and impact models do you want to set as defaults? You will need to wait to set this last option until after you have built out your risk models.

These options are generally set during implementation, but they can be changed at any time. Remember that changing any of these values impacts the entire installation. However, changing the default currency or the risk models will not change the values that already exist within the application data. Any changes made to these fields take effect only for new data entered into the system. Existing data will not be automatically updated with the new value.

See "Managing Installation Options" in the *EGRCM User Guide*.

3

Financial Governance Configuration

EGRCM Financial Governance is a seeded module; users will need to stay within the defined parameters of the module. EGRCM supports multiple configuration options for each main business object (process, risk, and control) and the module itself. For example, users can hide or display specific features, such as action items, that are available within the process. The user can specify the assessment activities available for the module.

Business objects used within the Financial Governance module are standard objects defined to support Financial Governance business initiatives:

- Process

- Risk

- Control

- Issues. Issues can be created throughout the application.

The Financial Governance seeded data model can be represented as follows:
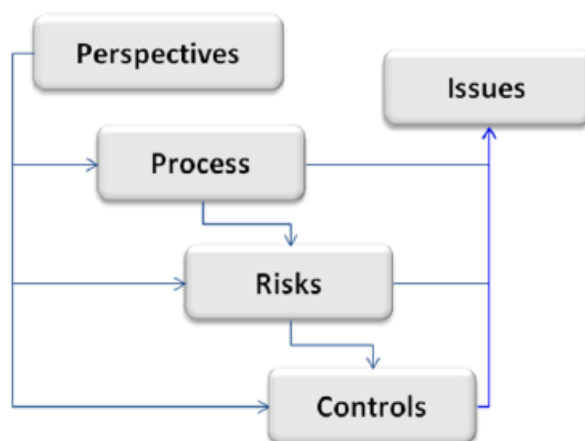
The core foundation/definition of these objects is used throughout the application. The difference is how these objects are configured and their relations with other EGRCM business objects.

Prior to making any configuration, consider how the module will be used in your organization and how those requirements will change over time. For example, today your organization may not manage risks; however, the business objective is to man-

age risks within EGRCM within twelve months. If you were to hide Risk Management, no user would have a job role with access to Risk Management. The object would still be with the module, but no one would have access to view it. Therefore, unnecessary elements can be removed until the organization is ready for them.

Once the module has been deployed, users can modify or add UDAs, perspectives, lookup table values, assessment activities, and job roles.

For additional information, see "Module Management" (page 4-1).

Configure Module Objects

You will want to configure Financial Governance objects to suit your business initiatives. For information on defining user-defined attributes, see "Creating User-Defined Attributes" on page 4-4. For information on setting administrative options, see "Administration Setup" on page 4-5. Also, consider the following configuration options.

Financial Governance Process Management Configuration

Action item is a feature for this particular work area. Typically, action items document assessment tasks that are not considered issues with a severe classification, such as significant deficiency or deficiency. (Action items, however, are not limited to use with assessments.) Instead, action items are tasks identified through an assessment , or in the general management of a process, that need to be completed by users. During configuration, you can hide action items if you do not intend to use them.

Financial Governance Risk Management Configuration

Consider hiding events, consequences, and treatment plans. Many organizations do not leverage these elements. However, evaluate your Financial Governance business objects to determine the right configuration pattern for you.

Manage Perspectives

The Financial Governance module does not include seeded perspective hierarchies; however, the application does. You can associate these perspective hierarchies to Financial Governance and manage the corresponding perspective values.

Because perspectives are a main component of data-level security, consider how to utilize them in the most efficient way. As a recommendation, start with one to three perspective for data-level security, mainly due to overhead and maintenance.

Seeded perspective hierarchies include the following:

- Organization
- Major Process
- Regulations and Laws
- Financial Compliance Accounts

4

Module Management

EGRCM module management is a comprehensive tool enabling users to configure core business objects to support multiple GRC business initiatives. For example, a user can configure a custom module to meet specific business requirements for IT governance, ERM, ORM, or audit management.

Module management provides configurability to the user by leveraging seeded templates, which are reusable. They define data models describing common core business objects — such as process, risks, or controls — and their relationships to one another. By staying within the parameters of a template, users can select only those business objects and their relationships that are needed. Prior to defining a module within the application, users should design the module definition, meaning lay out the objects and their relationships so that they meet business requirements.

Configure and Manage Modules

When the user clicks on the Manage Modules task, he can create custom modules from the seeded Standard template, and configure objects within each module.

Basic tasks include:

- Create a module from the Standard template.
- Configure objects within the module.
- Turn object associations on or off.
- View a module, by clicking on its name in the module list.

Creating a Module from the Standard Template

The Standard template can support a variety of GRC business objectives by establishing parameters: defined business objects, relationships between them, and the specific configurability options for each core object. A user creates a module from the template in a single session; therefore the user should lay out and define the module structure prior to creating the module. The user should take a step back and consider how the module will be used now and in the future. For example, suppose Risk Management is not intended to be used until controls have been fully

implemented. The recommendation would be to include the risk objects required as part of the data model, since security can restrict users from viewing this area until it is appropriate for them to do so.

Create a New Module

The creation of a new module includes key steps that must be completed prior to the module being deployed. Each step is a specific element in defining a new module; some steps are leveraged in configuring the seeded Financial Governance module.

1. Plan and design the new module prior to configuration

   Consider the current business objectives as well as future requirements as you design a new module. Determine the business objects to be leveraged and their relationships. Define how each object will be configured and the impact this configuration will have on management of records within the application and reporting on those records.

2. Select the seeded EGRCM Standard template for use as the base for the module. The Standard template provides a list of objects and associated relationships for users to choose and configure as part of a model.
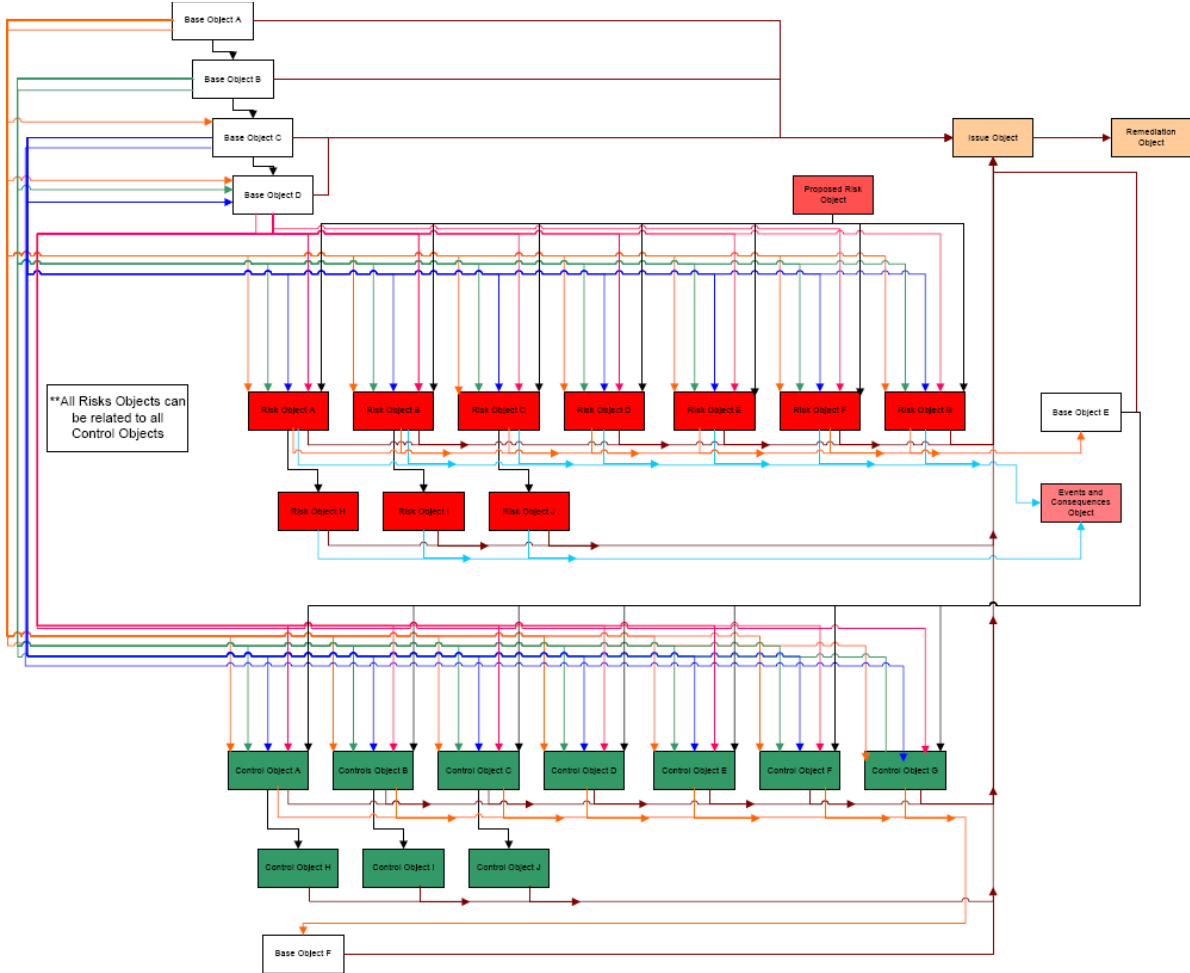
Users cannot create their own templates. Template selection is limited to seeded templates. Currently, the only seeded template is the Standard template.

3. Select business objects. The template provides three object types, and you can create multiple instances of each:

   - Generic base object can be used for defining process, objective, policy, incident and so forth. Base objects support the following core elements: seeded attributes for object definition, assessment and issue transactions to the specific object.

   - Risk object supports the core elements for managing risks — seeded risk attributes for risk definitions, analysis, evaluation, treatment, assessment and issue transactional data specific to the risk object.

   - Control object supports the core elements for managing controls — seeded attributes for control definitions, test plan, test instruction, assessment and issue transactional data specific to the control object.

   Create a specific definition for each object used in the module. For example, a user defines an ERM module requiring three risk and control types. Each object requires a type-specific definition. EGRCM provides a seeded object-specific definition. However, with the business requirements that have been outlined, additional attribute (UDA) configuration is needed to refine each definition. In this example, the user has identified financial, human resource, and operation risk and control types. Each risk type needs specific risk attributes to properly define the risks being managed; the same requirement applies to the control types. Therefore, the user leverages three open risk objects and the three open control objects with the seeded relationship to the risk objects.

4. Configure the relationships among business objects. Use the Standard template, which provides multiple relationship options.

   Consider questions such as these: How are the objects related? Is the relationship direct, or is there an indirect relationship through another object? For example, if you configure Process > Financial Risk > Financial Control, the Process-to-Risk relationship is direct, whereas the Process-to-Control relationship is indirect (it goes through Risk). For the Process object, the checkbox for Financial Risk should be turned on, while the checkbox for Financial Control should be turned off. The checkbox for Financial Control should be turned on within the Financial Risk region.

5. Relabel the business objects. This is not required, but it is highly recommended. The template provides generic names for each available object.

   Changing object labels makes them meaningful. For example, you may have selected an object, called FLEX_OBJECT_RISK_B in the Standard template, for use in managing IT risk. To make that purpose clear, you can rename the object "IT Risk."

6. Configure the business objects. See "Module Object Configuration" (page 4-4).

7. Review the module definition and save it.

Module Object Configuration

Once you've selected business objects, consider how the module will be used and what functionality will be required, then configure the objects. You have the following options.

Managing Objects for the Module

For each object in a module, you can choose to hide or expose features such as issues, action items, proposed risks (risk definitions that are not yet formalized), events (actual incidences of defined risks), consequences (ramifications of risk events) and treatments (plans to mitigate risk). If a feature is hidden, it is unavailable to users and therefore not implemented. Within a given object, you can configure only features appropriate to that object. (Within a risk object, you can select a Hide and Default option for treatments; this hides treatments but exposes "control stratification" in the Manage Risk page — definition of how controls are related to one another.)

Moreover, EGRCM supports multiple assessment activities; Design, Operational Design, Audit, and Documentation are seeded. In many cases, however, not all these activities need be used. For each business object, select only those activities that apply. For each activity you select, configure guidance text (a description of how to complete the activity) and an activity question (a question which, when a user can answer it affirmatively, indicates the activity is complete).

Creating User-Defined Attributes

For each business object in a given module, you can specify user-defined attributes (UDAs) to extend the object's definition. UDAs are additional metadata associated with records to capture specific business information details. These details vary across organizations and industries, and the ability to configure them accommodates that variation. UDAs are supported across all business objects (risks, controls, etc.) and other objects like perspectives and assessments.

Consider how UDAs may capture information beyond the metadata seeded with business objects. For example:

- Assessment type: Create a UDA to capture the amount of time spent to complete an audit test.

- Business objects: For process, risk, or control, create a UDA to capture the owner for the record being managed.

See "Managing User-Defined Attributes" in the *EGRCM User Guide*.

Creating Perspective Hierarchies Across Modules

Users can associate perspective hierarchies to objects within a module and specify UDAs for a perspective hierarchy. When a perspective hierarchy is associated with a given object, it appears in records for that object under a special perspectives section. If the perspective hierarchy is marked as required, this information must be provided for records when they are created or edited.

A perspective tags a record with a specific piece of information, and that information can serve as a filtering value as users search through large sets of data or run reports. It can also serve to allow or deny access to a record, based on how data roles are constructed (see the "Security Administration" chapter, beginning on page 7-1).

Specific perspective hierarchies may be associated with specific objects within specific modules. This gives a lot of flexibility in how you set up your perspectives within the modules. Start with a few, simplistic perspectives until you understand better how you may want to use them in future.

You can:

- View perspectives, define their association with the module, and edit the list.

- Associate a perspective with business objects within the module, and specify if a perspective is required for each object. This allows the same or different perspectives to be associated to objects within modules. For example:

  – You may want to put perspective values on control objects to identify the region to which each belongs, whereas you may not want this on your corporate risk.

  – You may want to associate the risk object, but not the control object, to a project perspective.

  – You may want the Organization perspective to be used for both the risk and control objects.

- Inactivate perspectives. You cannot delete a perspective if data is associated with it; the delete icon and button are inactive for rows representing these perspectives in the perspective grid. But the perspective can be disabled through use of the status flag, which can be set to Inactive. The version history is updated for this change as well.

- If the perspective is changed from not required to required, nothing happens to the data. This indicates only that the perspective value is required when a save action is initiated on an object.

See the "Perspective Management" chapter of the *EGRCM User Guide*.

Administration Setup

You can use features available under Administration in the Tasks list to modify other elements used with modules:

- Use the Manage Content Types page to designate the types of attachments that can be selected as users attach documents to objects within a module.

- Use the Manage URL Repositories page to designate URLs that may be selected for user-defined attributes of the "link" data type. These UDAs may be associated with module objects.

- Create or modify lookup tables, which provide values users can select as they work with module objects. Lookup "types" correspond to lookup tale names, and not all lookup tables can be edited. A complete listing of those that can

appears in the *EGRCM User Guide*. Among them, you can edit the following lookup types, which correspond to objects that may be included in modules:

Object	Lookup Type
Process	GRCM_PROCESS_TYPE
Risk	GRCM_RISK_TYPE
Control	GRCM_CONTROL_TYPE
Issue	GRCM_ISSUE_TYPE
Remediation Plan	GRCM_REMEDIATION_PLAN_TYPE
Perspective	GRCM_PERSPECTIVE_TYPE

Deleting a Module

If no records have been created for a module, it can be deleted. This is a typical scenario when the module is created but is not being used. There will not be any instances of business objects in the system. Under these circumstances, the user can delete the module. This process deletes the module definition and its association with other objects like perspectives and UDAs. The module is removed from the user list.

Prior to configuring a new module, take a backup of the environment/database. If the new module definition needs to be removed, you can roll back the environment.

5

Importing Data

EGRCM provides the ability to upload the initial set of operational data by using an import template. It can be used only to import data into the seeded Financial Governance module.

The import template supports the following business objects and associations:

- Processes

- Risks

- Controls

- Perspectives

- Associations between risk and control — identifying which risks are associated with which controls.

- Associations between process and risk — identifying which processes are associated with which risks.

- Perspective associations for business objects.

- Additional details for objects like user-defined attributes.

- Loading in a library from a provider. To load data, the user must map it to the import template. The data can be incorporated with the initial import.

Only the initial load of data into the Financial Governance module is supported; iterative data loads are not supported. So consider including all relevant data in the import. In addition, it's recommended that you create a backup of the EGRCM application prior to running the import process. You can then restore the instance if the import does not complete to satisfaction.

Prerequisites

Ensure the following is done before the import is run:

- The setup and configuration of the Financial Governance module is complete. The environment should be set up with all the system data installed before the import is initiated.

- Perspective-type codes are defined. Prior to running the import, users do not need to set up perspective hierarchies or nodes within the application. However, the perspective type used for the hierarchy must be defined. The template supports users creating new perspectives with corresponding values within the template worksheet. The associations of these items are mad by the perspective type code. The perspective type code is a "dummy" value that does not realign any item within the application. This code provides a means to tie the perspective hierarchy to values.

1. Ensure that the perspective type code is in capital letters with no spaces.

   EGRCM is delivered with several perspective type codes. The lookup type is GRCM_PERSPECTIVE_TYPE, and available codes are listed in the Lookup Code column. Add new perspective type codes as new lookup codes for the GRCM_PERSPECTIVE_TYPE.

Lookup Type	Lookup Code	Meaning	Description
GRCM_PERSPECTIVE_TYPE	GRC_PERSP_FLEX	Flex Template Module	Flex Template Module
GRCM_PERSPECTIVE_TYPE	GRC_PERSP_ACTIVITY	Activity	Activity Perspective
GRCM_PERSPECTIVE_TYPE	GRC_PERSP_ORG	Organization	Organization Perspective
GRCM_PERSPECTIVE_TYPE	GRC_PERSP_FIN_ACCT	Financial Governance Accounts	Financial Governance Accounts Perspective
GRCM_PERSPECTIVE_TYPE	GRC_PERSP_LAW_REG	Laws and Regulations	Laws and Regulations Perspective
GRCM_PERSPECTIVE_TYPE	GRC_PERSP_MJR_PROC	Major Process	Major Process Perspective
GRCM_PERSPECTIVE_TYPE	GRC_PERSP_STD_FWK	Standards and Framework	Standards and Framework Perspective

   See "Managing Lookup Tables" in the *EGRCM User Guide*.

2. Configure the environment to support the data. For example, set up UDAs and UDA LOVs, modify lookup tables as necessary.

3. Make sure the import template is not saved with empty cells highlighted. This will cause null error messages.

4. Make sure there are no duplicates in the Name and ID columns of all tabs.

5. Remove all data filters (if any) from each tab sheet.

6. In the Control tab, ensure that ASSERTION_CODE column values are separated by a comma, not spaces or a semicolon.

7. Save the template as .xml.

Preparing the Data Load Spreadsheet

The import template is organized so that each business objects and each association forms its own tab.

| PerspectiveItem | Process | PerspectiveItemProcess | Risk | ProcessRisk | PerspectiveItemRisk | Event | RiskEvent | Consequence | EventConsequence | LikelihoodModel |

For example, the perspective item tab includes perspective values, and the risk tab contains risks that need to be loaded in the database. The term *Perspective Item Risk* identifies the association between risk and perspective.

IDs are used throughout the spreadsheet. These are to relate the data within the spreadsheet. They are not imported and do not impact IDs that exist in the application. Therefore you can use whatever ID system helps you best organize your data. It must, however, be numeric, and you should keep it as simple as possible.

Each object tab (Perspective Item, Risk, Control, Process) has a column called STATE_CODE(String)(Required). You can import data in either NEW or APPROVED state.

- If the data is imported in NEW state, the user will have to approve the object data in the application prior to using it.

- If the data is imported in APPROVED state, the user can use the data in the application immediately after import.

It is recommended that you import valid object rows in the APPROVED state.

Adding User-Defined Attributes

Create user-defined attributes prior to import. Delete unused UDA columns from the spreadsheet for each object prior to import.

Observe the following formatting conventions:

- The UDA columns in the spreadsheet must contain "UDA_" as the prefix.

- This must be followed by the value of the "Name" (not the "Display Name") for the UDA from the setup.

- The name is case sensitive and must match the name used when the UDA was defined.

- Regardless of the number and type of UDA columns in each tab, you can add more to match the UDAs defined for the objects.

- The "Double" type in the UDA columns represents numeric values.

- Remove unused UDA columns.

For example, suppose the risk definition requires a risk UDA, for which the display name is Cost but the name is Remediation Cost. The UDA field in the import spreadsheet would be "UDA_Remediation Cost," with (String) or (Double) following the name.

Adding Data to the Perspective Item Tab

Values in the Perspective Item tab of the import spreadsheet are loaded into the Perspective Item table without any relationship to a perspective hierarchy. Complete the Perspective Item tab with the values associated to the objects (risks, controls, process):

- Set the PERSP_TYPE_CODE to a value that indicates the perspective hierarchy to which each entry belongs. A perspective hierarchy cannot contain more than one type code.

- The PERSP_TYPE_CODE does not have to be set up in the application Lookup Table before the data is imported.

  However, until a user has added this code into the GRCM_PERSPECTIVE_TYPE lookup code, it will not be displayed in the user interface. This is a manual step within the application either before or after the importing of data is complete.

If you import values from the EGRCM seeded perspective hierarchies, use the codes that have already been defined in the Lookup Table. For example, if you load values for the Organization hierarchy, use GRC_PERSP_ORG as the PERSP_TYPE_CODE value.

The following is an example of Organization perspective item data to be imported:

PerspectiveItem

PERSP_ITEM_ID(Integer) (Required)	NAME(String)	DESCRIPTION(String)	PERSP_TYPE_CODE(String) (Required)	STATE_CODE(String)(Required)
1	Organization_1	Organization_1 Description	GRC_PERSP_ORG	APPROVED
2	Organization_2	Organization_2 Description	GRC_PERSP_ORG	APPROVED
3	Organization_3	Organization_3 Description	GRC_PERSP_ORG	APPROVED
4	Organization_4	Organization_4 Description	GRC_PERSP_ORG	APPROVED
5	Organization_5	Organization_5 Description	GRC_PERSP_ORG	APPROVED
6	Organization_6	Organization_6 Description	GRC_PERSP_ORG	APPROVED
7	Organization_7	Organization_7 Description	GRC_PERSP_ORG	APPROVED
8	Organization_8	Organization_8 Description	GRC_PERSP_ORG	APPROVED
9	Organization_9	Organization_9 Description	GRC_PERSP_ORG	APPROVED
10	Organization_10	Organization_10 Description	GRC_PERSP_ORG	APPROVED
11	Organization_11	Organization_11 Description	GRC_PERSP_ORG	APPROVED
12	Organization_12	Organization_12 Description	GRC_PERSP_ORG	APPROVED
13	Organization_13	Organization_13 Description	GRC_PERSP_ORG	APPROVED
14	Organization_14	Organization_14 Description	GRC_PERSP_ORG	APPROVED
15	Organization_15	Organization_15 Description	GRC_PERSP_ORG	APPROVED
16	Organization_16	Organization_16 Description	GRC_PERSP_ORG	APPROVED
17	Organization_17	Organization_17 Description	GRC_PERSP_ORG	APPROVED
18	Organization_18	Organization_18 Description	GRC_PERSP_ORG	APPROVED
19	Organization_19	Organization_19 Description	GRC_PERSP_ORG	APPROVED
20	Organization_20	Organization_20 Description	GRC_PERSP_ORG	APPROVED

The following is an example of custom perspective item data to be imported:

PerspectiveItem

PERSP_ITEM_ID(Integer) (Required)	NAME(String)	DESCRIPTION(String)	PERSP_TYPE_CODE(String) (Required)	STATE_CODE(String)(Required)
21	Custom_Item_21	Custom_Item_21 Description	CUSTOM_TYPE_1	APPROVED
22	Custom_Item_22	Custom_Item_22 Description	CUSTOM_TYPE_1	APPROVED
23	Custom_Item_23	Custom_Item_23 Description	CUSTOM_TYPE_1	APPROVED
24	Custom_Item_24	Custom_Item_24 Description	CUSTOM_TYPE_1	APPROVED
25	Custom_Item_25	Custom_Item_25 Description	CUSTOM_TYPE_1	APPROVED
26	Custom_Item_26	Custom_Item_26 Description	CUSTOM_TYPE_1	APPROVED
27	Custom_Item_27	Custom_Item_27 Description	CUSTOM_TYPE_1	APPROVED
28	Custom_Item_28	Custom_Item_28 Description	CUSTOM_TYPE_1	APPROVED
29	Custom_Item_29	Custom_Item_29 Description	CUSTOM_TYPE_1	APPROVED
30	Custom_Item_30	Custom_Item_30 Description	CUSTOM_TYPE_1	APPROVED
31	Custom_Item_31	Custom_Item_31 Description	CUSTOM_TYPE_1	APPROVED
32	Custom_Item_32	Custom_Item_32 Description	CUSTOM_TYPE_1	APPROVED
33	Custom_Item_33	Custom_Item_33 Description	CUSTOM_TYPE_1	APPROVED
34	Custom_Item_34	Custom_Item_34 Description	CUSTOM_TYPE_1	APPROVED
35	Custom_Item_35	Custom_Item_35 Description	CUSTOM_TYPE_1	APPROVED
36	Custom_Item_36	Custom_Item_36 Description	CUSTOM_TYPE_1	APPROVED
37	Custom_Item_37	Custom_Item_37 Description	CUSTOM_TYPE_1	APPROVED
38	Custom_Item_38	Custom_Item_38 Description	CUSTOM_TYPE_1	APPROVED
39	Custom_Item_39	Custom_Item_39 Description	CUSTOM_TYPE_1	APPROVED
40	Custom_Item_40	Custom_Item_40 Description	CUSTOM_TYPE_1	APPROVED

Populating the Import Template

To populate the import template:

- Populate the spreadsheet for perspective item. The following illustration shows the completed perspective item tab:

PerspectiveItem

PERSP_ITEM_I	NAME(String)	DESCRIPTION(String)	PERSP_TYPE_CODE(String) (Required)	STATE_CODE(String)(Required)
1	Division1	Division 1 Descrption	GRC_PERSP_ORG	APPROVED
2	Division2	Division 2 Descrption	GRC_PERSP_ORG	APPROVED
3	Division3	Division 3 Description	GRC_PERSP_ORG	APPROVED
4	Region1	Region 1 Description	GRC_PERSP_ORG	APPROVED
5	Department1	Department 1 Description	GRC_PERSP_ORG	APPROVED
6	Department2	Department 2 Descprition	GRC_PERSP_ORG	APPROVED
7	Assessment Cycles	Assessment cycles	ASSESSMENT_CYCLE	APPROVED
8	Quarter 1	Quarter 1 Assessment Cycle	ASSESSMENT_CYCLE	APPROVED
9	Quarter 2	Quarter 2 Assessment Cycle	ASSESSMENT_CYCLE	APPROVED
10	Quarter 3	Quarter 3 Assessment Cycle	ASSESSMENT_CYCLE	APPROVED
11	Quarter 4	Quarter 4 Assessment Cycle	ASSESSMENT_CYCLE	APPROVED
12	Annual	Annual Assessment Cycle	ASSESSMENT_CYCLE	APPROVED

The first three rows show that Division 1, Division 2, and Division 3 are perspective values to be added to the seeded Organization perspective. The PERSP_TYPE_CODE is the one delivered for the Organization hierarchy (GRC_PERSP_ORG).

Rows 7–11 contain values for a new perspective to be used for the assessment cycle. The PERSP_TYPE_CODE for these values is a new type code — ASSESSMENT_ CYCLE — that will need to be added to the lookup table for GRCM_PERSPECTIVE_ TYPE. The values for new perspective types should always contain all uppercase characters with no spaces.

• The business objects spreadsheet also provides the ability to add user-defined attribute values into the database. The first row of the spreadsheet identifies the business object name, and the second row identifies data columns. In addition to column name, it also identifies the column type (String, Integer, Date, etc.) and whether the field is required in the database. The first column of each spread-sheet is an ID column, which can be populated with numbers unique within that spreadsheet; for example, it may contain sequential numbers starting with 1. This column is not saved in the database, but plays an important role in identi-fying associations between the objects on the spreadsheet.

Required fields are marked accordingly, However, the Name field is always required, no matter whether it's marked that way.

• Populate the spreadsheet for perspective tree. The tree is the definition of the perspective. The following illustration shows perspective tree and perspective hierarchy.

PerspectiveTree				
PERSP_TREE_ID (Integer) (Required)	NAME(String)	DESCRIPTION(String)	PERSP_TYPE_CODE(String) (Required)	STATE_CODE(String)(Required)
1	Assessment Cycle	Assessment Cycle	ASSESSMENT_CYCLE	APPROVED

The PERSP_TYPE_CODE for the hierarchy must be the same as the code for the values it will contain. In this example, PERSP_TYPE_CODE is ASSESSMENT_CYCLE, which matches the assessment cycle values shown earlier for a new assessment-cycle perspective.

The first row of the spreadsheet identifies the information you are adding and the second row identifies data columns. In addition to column name, it also identifies the column type (String, Integer, Date, etc.) and whether the field is required in the database. The first column of each spreadsheet is an ID column, which can be populated with numbers unique within that spreadsheet; for example, it may contain sequential numbers starting with 1. This column is not saved in the database.

• Populate the spreadsheet for the perspective hierarchy. This forms the relation-ships among the values within the perspective. The following illustration shows the completed spreadsheet:

PerspectiveHierarchy			
PERSP_ITEM_NAME(String)(Required)	CHILD_NAME(String)	TREE_NAME(String)(Required)	ROOT(String)(Required)
Organization	Division1	Organization	Y
Organization	Division2	Organization	Y
Organization	Division3	Organization	Y
Division2	Region1	Organization	N
Region1	Department1	Organization	N
Region1	Department2	Organization	N
Assessment Cycles	Quarter 1	Assessment Cycle	Y
Assessment Cycles	Quarter 2	Assessment Cycle	Y
Assessment Cycles	Quarter 3	Assessment Cycle	Y
Assessment Cycles	Quarter 4	Assessment Cycle	Y
Assessment Cycles	Annual	Assessment Cycle	Y

PERSP_ITEM_NAME is the perspective value that is the parent value, and CHILD_NAME is the perspective value subordinate to it. Set ROOT to Y when the

perspective value listed in the PERSP_ITEM_NAME is the top value in the hierarchy. Set ROOT to N for all other relationships. Once loaded, the Organization and Assessment Cycle perspectives look like this:
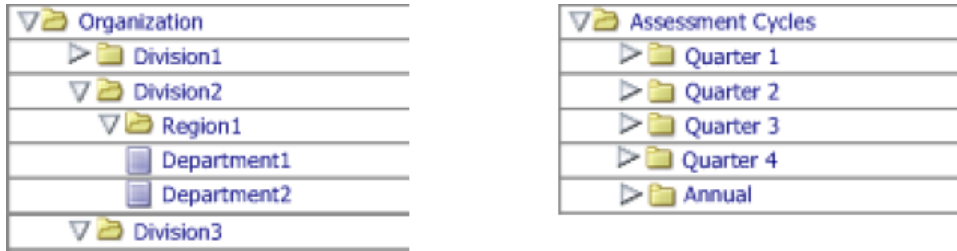
- The import process supports the import of multiple control assertions. Control assertions should be separated with commas, and should not include any spaces before or after each comma. These control assertions that must be used :

  – VALUATION_ALLOCATION

  – RIGHTS_AND_OBLIGATIONS

  – PRESENTATION_DISCLOSURE

  – EXISTENCE_OCCURRENCE

- Populate the spreadsheet for object associations. This involves identifying associations between objects, like risks that have associated controls, or controls belonging to a given organization. The following illustration shows associations between control and perspective items. The control ID 1 is associated with two perspective items, Organization: Tax and Major Process: Tax. The IDs on this page match IDs on the Control and Perspective Item tabs.

  Note that in the bottom two rows of this example, controls 2 and 3 have the same perspective item, which is represented by their being associated with the same perspective item ID.

PerspectiveItemControl

PERSP_ITEM_ID(Integer)	CONTROL_ID(Integer) (Required)
1	1
2	2
3	3
4	1
4	2
4	3

Running the Import Process

To run the import process, log into the application. Select Setup and Administration in the Navigator, and then select Data Migration in the Module Management list of tasks. In the Data Migration page, click the Import Data File button.

The import process has the following constraints:

- The process supports the initial load, and it is a one-time process. The process does not support incremental data loads.

- The imported data will not go through a review and approval process.

- The imported records will immediately exist.
  - Their status will be "Active/ Approved" if they were imported with the APPROVED state code.
  - Their status will be "Active/New" if they were imported with the NEW state code. In this case, they will have to be approved within the application.
- In the imported data log, the Created By value will be set to the username of the user who ran the import.

Import Validation

To ensure data integrity, the import process performs the following data validation:

Validation	Action
Import template format and data file format do not match	Do not import any data, flat as error, and provide detailed error log
Import file contains data for perspective value which does not exist in database	Do not import any data, flag as error, and provide detailed error log
Structure mismatches (UDAs). Values exist in import file that don't exist in target.	Do not import the respective UDA data.
Data type validations (String, Numeric, Size, Date)	Do not import any data, flat as error, and provide detailed error log
Mandatory (required) attributes are not populated.	Do not import any data, flat as error, and provide detailed error log

6

Managing Assessments

Business objects such as risks and controls require periodic review of how they are defined and implemented to ensure that the appropriate levels of documentation and controls are in place. Within EGRCM, the Manage Assessment tool helps to support this process of testing, documentation, gathering evidence, and so forth. Typically assessments require planning and proper resource allocation. The objective is to use assessment templates to streamline the process by creating reusable assessment plans. It would be common for users who manage assessment preparation to update or create new assessment plans annually.

When defining an assessment template, consider the assessment activities that need to be performed. (Examples of assessment activities are audit, operational, documentation, etc.) Each business object has a set of assessment activities specific to assessing that object type. For example, if there are specific assessment activities for quarterly versus annual assessment, two assessment templates would be defined to reflect the specific activities.

When defining an assessment plan, consider the criteria of the assessment and the coinciding assessment template. The objective is to define reusable assessment plans that can be initiated throughout the year, thus reducing the time required to manage these activities.

EGRCM supports multiple assessment activities (for example audit, design, and operational). However, not all business functions require all of these activities. As a part of EGRCM object configuration, determine which assessment activities are to be used, and activate only those activities. EGRCM does support the ability to make modifications — adding or removing assessment activities after the module is active.

While you define your perspective hierarchies, consider how assessments may leverage perspectives. While defining perspectives, think about how you can use them to streamline your assessment plans and activities. Grouping EGRCM business objects in a hierarchical tree will enable you to manage your assessments from a categorization level, versus an individual or fragmented approach.

7

Security Administration

EGRCM security employs a standard role-based access control (RBAC) model. Through the use of job roles, duty roles, privileges, and data security policies or data roles, you can express the access policy as "Who can do what on which set of data." The "who" is the user role, "what" is the function security privilege set or duty role, and "which set of data" is the data role.

The structure of these security components supports reusability, since the same set of functional access (duty role and job duty role) can be used over and over again with different combinations of data access (data role) to define new job roles. Like-wise the data access (data role) can be used over and over again with different functional access (job duty role) to define new job roles.

Security Components

The following components make up the EGRCM security model:
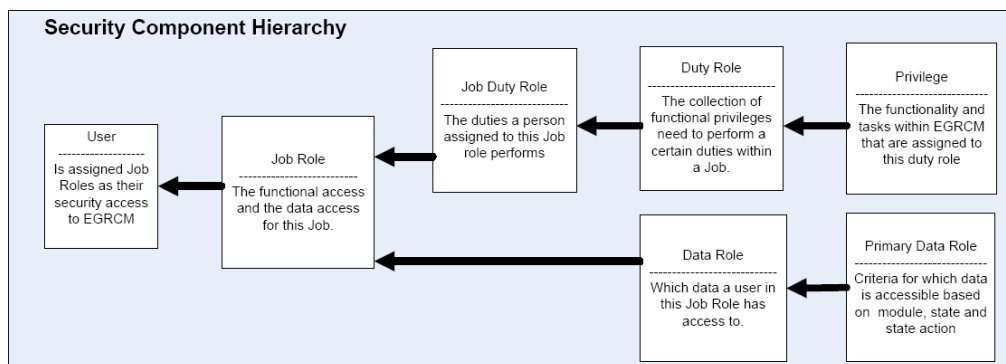
There are two aspects of the EGRCM security model: functional access and data access. The job role is the component where functional access and data access come together, and is the aspect of security assigned to the user.

Functional Access Components

The following are the seeded functional access components of the security model.

Privilege

A privilege is the most granular aspect of the functional access within EGRCM. The privilege is a reference to a specific application resource and is the means to grant functional access to the user. Each privilege has a name that describes the functionality it grants, a navigator entry that identifies the navigator component within which it is included, and an activity that identifies the type of activity within the application it is part of. The following table contains a few privileges for controls:

Navigator	Activity	Privilege
Control Management	Control Management	View Control
		View Control Approval History
		View Control Assessment Approval History
	Control Maintenance	Create Control
		Delete Control
		Create Control from Related Components
		Edit Control
		Create Issue for Control Definition
		Review Control Changes
		Approve Control Changes
	Control Assessment	Create Control Adhoc Assessment
		Create Issue for Control Assessment
		Complete Control Audit Test
		Review Control Audit Test
		Approve Control Audit Test

Privileges are seeded within the application and cannot be created by the user. For a complete list of privileges, see the Appendix.

- A privilege primarily grants the user access to a page, but it also enables navigation links as well as page and table actions. The diagram at the top of the next page illustrates elements of the user interface that can be enabled by a privilege.

- A privilege also drives which user is assigned work within the application. For example, when a control is changed and submitted for review, only users who have the Review Control Changes privilege will received a worklist notification to complete this activity.
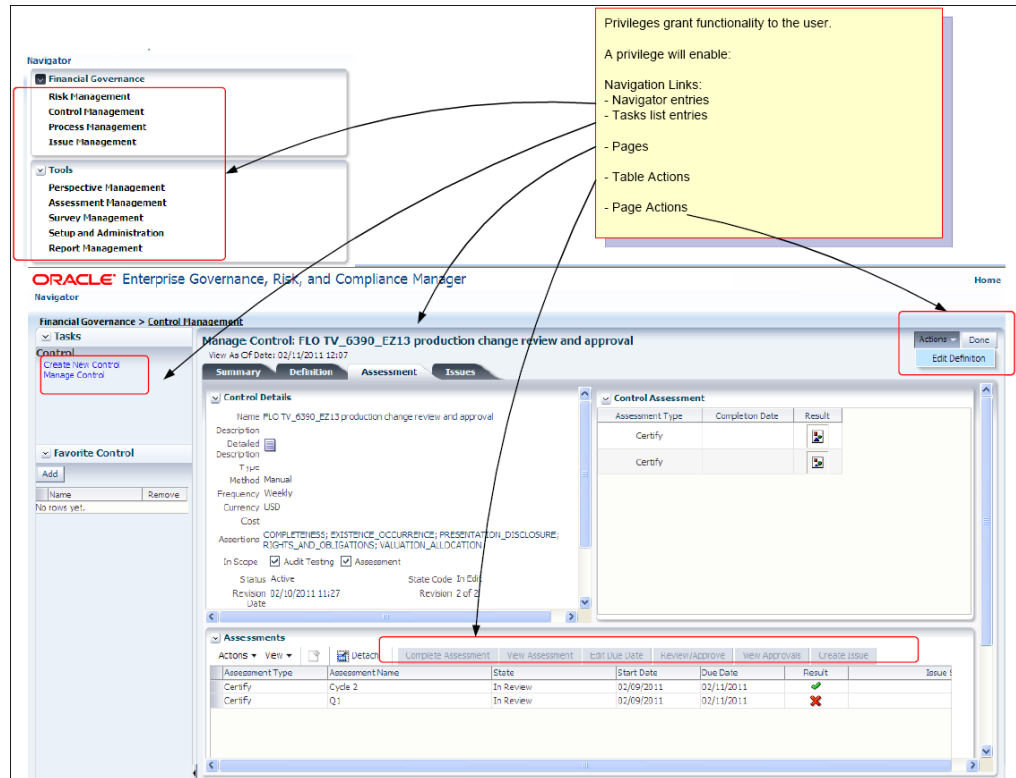
Duty Role

A duty role is a collection of privileges. Each duty role represents a set of functional tasks needed for a unit of work within the application. The functionality included in each duty role represents a particular aspect of work to be performed. The following table lists a few of the duty roles for controls. For a complete list of duty roles, see the Appendix.

Duty Role Name	Description	Privilege
Create New Control	Create control data	Create Control
		Delete Control
Control Management	Maintain control data	Run Control Details Report
		Run Control Scope Report
		Create Control
		Create Control from Related Components
		Edit Control
		Create Issue for Control Definition
		Create Control Adhoc Assessment
		Create Issue for Control Assessment
Control Viewing	View controls	View Control
		View Control Approval History
		View Control Assessment Approval History

(Table continues on the next page.)

Duty Role Name	Description	Privilege
Review Control	Review changes to controls	View Control
		View Control Approval History
		View Control Assessment Approval History
		Create Issue for Control Definition
		Review Control Changes
Approve Control	Approve changes to controls	View Control
		View Control Approval History
		View Control Assessment Approval History
		Create Issue for Control Definition
		Approve Control Changes

Job Duty Role

The job duty role is a type of job role that defines the functionality for a job. It is a collection of duty roles. The job duty role represents the full set of functionality a user needs to be granted to perform his job. The following table illustrates a job duty role.

Job Role Name	Description	Role Type	Role Name
Control Manager	Performs all duties to maintain controls	Duty Role	Create New Control
		Duty Role	Control Management
		Duty Role	Create Issue for Control within Control Management
		Duty Role	Create Issue for Control Assessments
		Duty Role	Control Viewing
		Duty Role	Control Assessment Result Viewing
		Duty Role	Control Reporting

Data Access Components

The following are the seeded data access components of the security model.

Primary Data Role

The primary data role is the most granular level of data access. It contains filters that define data access by the base attributes of the operational data. There is a primary data role for each basic action for each of the core business objects within EGRCM. Each primary data role specifies:

• The module with which the data is associated.

• The state the data may be in within the application workflow.

- The state action that can be performed against data in the identified states — for example, Create/Edit, Delete, or View.

The following table provides an example of a primary data role. (For each row in the table, an Include/ Exclude value is set to Include.)

Role Name: Edit Control Primary Data Role
Description: Edit control access criteria

Filter Name	Object	Attribute	Condition	Value
Financial Governance Module	Data Attributes	Module	Equals	Financial Governance
Control State	Data Attributes	State	Equals	In New State Control, Rejected State Control, Approved State Control
Action	Data Attributes	State Action	Equals	Create

Interpret this primary data role as granting access to data when:

- Module equals Financial Governance.

- Control State equals New State Control, Rejected State Control, or Approved State Control.

- Action equals Create.

Oracle has provided a complete set of primary data roles for all the core entities within EGRCM. All primary data roles are named following this convention: *"State Action" "Entity Name" Primary Data Role* (for example, Edit Control Primary Data Role). This distinguishes them from other data roles.

Assessment Activity Primary Data Roles

The primary data roles for the assessment activities contain additional criteria to identify the specific activity type the data role is for, so that data access to the assessment activities can be divided by activity type. This is handled by including a filter for a system-provided perspective name Activity Type, with the specific activity type to which the data role provides access. A data role that includes any state for Assessment Results must include a filter for the Activity Type perspective and must have at least one value.

For example, Control supports four types of assessment activities: Operational Assessment, Design Review, Audit Test, and Certification. Instead of one data role for Complete Control Assessment, there are four, one for each assessment activity type. (For each row in each table, an Include/ Exclude value is set to Include):

Role Name: Complete Control Operational Assessment Primary Data Role
Description: Complete control operational assessment data access criteria

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Results, In Edit Assessment Results, Rejected State Assessment Results,
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Operational Assessment

Role Name: Complete Control Design Review Assessment Primary Data Role
Description: Complete control design review assessment data access criteria

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Results, In Edit Assessment Results, Rejected State Assessment Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Design Review

Role Name: Complete Control Audit Test Assessment Primary Data Role
Description: Complete control audit test assessment data access criteria

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Results, In Edit Assessment Results, Rejected State Assessment Results
Action	Data Attributes	Actions	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Audit Test

Role Name: Complete Control Certification Assessment Primary Data Role
Description: Edit control access Criteria

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Results, In Edit Assessment Results, Rejected State Assessment Results
Action	Data Attributes	Actions	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Certification

For a complete breakdown of primary data roles, see the Appendix.

Data Roles

A data role is a collection of primary data roles needed for a particular job. Also called a "composite data role," it references only the primary data roles. The table at the top of the next page provides an example. (For each row in the table, an Include/Exclude value is set to Include):

Role Name: Control Manager Data Role
Description: Edit control data access

Filter Name	Object	Attribute	Condition	Value
Edit	Data Attributes	Data Role	Equals	Edit Control Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Assessment Results Primary Data Role
Delete	Data Attributes	Data Role	Equals	Delete Control Primary Data Role
Create	Data Attributes	Data Role	Equals	Create Control Primary Data Role

When a data role references multiple data roles, criteria are joined by OR logic. The Control Manager Data Role, for example, is interpreted as granting access to data when data matches criteria specified for any one of its constituent roles: Edit Control Primary Data Role, View Control Primary Data Role, View Control Assessment Results Primary Data Role, Delete Control Primary Data Role, or Create Control Primary Data Role.

Each composite data role bears the name of the job duty it supports, but ends with the suffix *Data Role*.

Job Role

The job role is the combination of functional access and data access. It references job duty roles and data roles, defining the complete set of function and data access needed for a job.

For example:

Name	Description	Role Type	Role Name
Control Manager Job Role	Control maintenance duties combined with data access	Data Role	Control Manager Data Role
		Job Role	Control Manager Job Duty Role

User

The user is the actual person using the application. Each user has a security profile that identifies who she is and what access she has to the system. A user can have one or multiple job roles. When a user signs into the application, she is granted access that is the combination of all job roles she is given.

How to Introduce Data Level Security

The following example illustrates how you can leverage the seeded security components to define the data-level security you need for your user community.
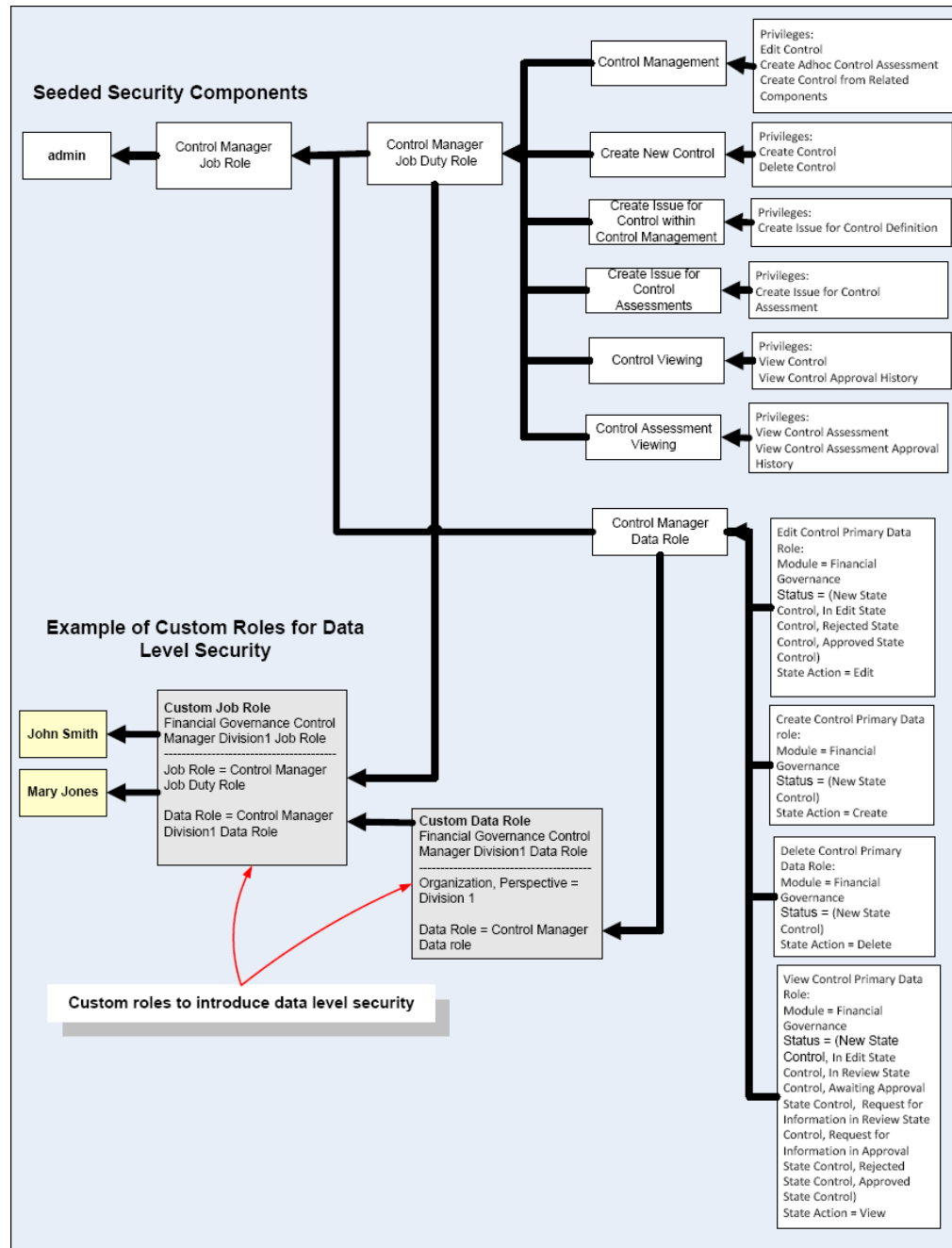
The unshaded components in the diagram are all delivered with EGRCM and represent the Control Manager job. This job role grants the ability to create, edit, delete, and view controls within the application. Most likely you need to restrict which controls a user has access to within the application. As illustrated in the

diagram, by creating a custom data role and a custom job role you can restrict a user's access to a certain set of data while that user performs the Control Manger job.

This security configuration makes use of the following custom roles:

• Financial Governance Control Manager for Division 1 Data Role

This data role introduces a perspective filter (Organization perspective value equals Division1). The perspective filter restricts data access to objects associated with the value "Division1" within the Organization perspective.

The data role also includes a reference to the seeded composite data role, Control Manager Data Role. So the system combines the perspective filter criterion with the criteria from all the primary data roles contained in the Control Manager Data Role. In other words, any of the following:

– Perspective value associated to the control equals "Division1" AND
  Module equals Financial Governance AND
  Control State equals any of New State Control, In Edit State Control, Rejected State Control, or Approved State Control, AND
  Action equals Edit

– Perspective value associated to the control equals "Division1" AND
  Module equals Financial Governance AND
  Control State equals New State Control AND
  Action equals Delete

– Perspective value associated to the control equals "Division1" AND
  Module equals Financial Governance AND
  Control State equals any of New State Control, In Edit State Control, In Review State Control, Awaiting Approval State Control, Request for Information in Review State Control, Request for Information in Approval State Control, Rejected State Control, or Approved State Control AND
  Action equals View

We get this behavior because the perspective filter is included directly within the reference to the composite Control Manager Data Role, which references the control primary data roles.

• Financial Governance Control Manager for Division 1 Job Role

This job role includes a reference to the custom Control Manager Division 1 Data Role to define the data access. It also includes a reference to the seeded Control Manager Job Duty Role to define functional access. The combination results in a grant to perform control-manager duties for only those controls associated with the Division1 perspective value.

By following this technique, you can define specific data access each user needs for each of the job roles he has.

Note: If the perspective value filter was not included directly within the data role, but in a separate data role, the system will interpret this differently. Within a job role, when there are multiple data roles, criteria are joined by OR logic. So if the perspective value filter were contained within its own data role and then combined in the job role with the Control Manager Data Role, those criteria would be included

with OR logic and produce completely different results, granting access to all controls where any one of the following is true:

- Perspective value associated to the control equals "Division1"

- Module equals Financial Governance AND
  Control State equals any of New State Control, In Edit State Control, Rejected State Control, or Approved State Control, AND
  Action equals Edit

- Module equals Financial Governance AND
  Control State equals New State Control AND
  Action equals Delete

- Module equals Financial Governance AND
  Control State equals any of New State Control, In Edit State Control, In Review State Control, Awaiting Approval State Control, Request for Information in Review State Control, Request for Information in Approval State Control, Rejected State Control, or Approved State Control AND
  Action equals View

The following section goes into more detail about constructing the various security components.

Manage Roles

Before you begin setting up your roles, consider who will use EGRCM and for what purposes. This will be the foundation for duty roles. Examples include:

- Internal Controls Manager. A user in this role is responsible for the administration aspects of the compliance program. As an administrator, he creates and maintains controls, issues, perspectives, and process.

- Internal Controls Assessor. A user in this role works independently of management to perform testing against the controls. A user in this role can also create and review issues, as well as participate in the assessment activities against controls.

- Risk Manager. A user in this role is responsible for the management aspects of risk management. She is responsible for creating and maintaining definitions of risk, events, and consequences and the various risk models.

- Line of Business Manager. A user in this role is a manager (a line of business head, senior manager, or departmental manager) who leads a group of business process owners. He makes sure his team provides necessary information to the audit/compliance group on time, and makes sure that related documentation is up to date. He may be involved in periodic rollup certifications or surveys against the entire area, but does not operate at the process level.

- Process Manager. A user in this role owns one or more processes that are in the scope of the financial compliance program and may impact the accuracy of the financial reports. She is responsible for maintaining the accuracy of the process documentation, evaluating risks to the processes, and identifying controls necessary to mitigate the risks. She performs quarterly attestations for management

on the state of the processes she owns. Additionally, she participates in the annual assessment of the design and operational effectiveness of processes.

- Internal Auditor. A user in this role is responsible for executing the internal audit plan for financial compliance. He works independently of management to determine the operational status of controls, completeness and accuracy of documentation. He delivers work papers and evidence that is often leveraged by the external auditor.

- Issue Manager. A user in this role is responsible for managing issues. She creates and maintains issues and remediation plans.

- Perspective Manager. A user in this role has access to Perspective Management and is responsible to manage perspectives across EGRCM objects and modules. He maintains hierarchies and perspectives within the hierarchies.

- Assessment Manager. A user in this role has access to Assessment Management to create and manage assessment plans and all assessments. This user also has the authority to initiate and close active assessments.

- Survey Manager. A user in this role has access to Survey Management to create and manage survey templates and surveys. This user also has the authority to initiate and close surveys.

- System Administrator. A user in this role has the responsibility to define and maintain the setup and configuration data for the EGRCM instance.

- External Auditor. A user in this role is someone outside the organization who performs audit testing and views control information.

Start your security model off small, and then as you see how the users will interact with tasks pertaining to your business objectives, you can continue to refine security access. It is easier to add granularity in the security model than it is to remove excess granularity.

Duty Role

The duty role defines what a user can do. EGRCM comes with a set of seeded duty roles that are defined as logical groupings of the tasks a user performs within the various areas of the application — Process, Risk, Control, Issues and Remediation, Perspectives, Assessment, and System Administration. These duty roles are organized to include the set of privileges needed to perform a certain aspect of work for a specific object type, such as creating data, managing data, viewing data, reviewing data, approving data, and other activities specific to an object type. For a complete breakdown of duty roles, see the Appendix.

Seeded duty roles are available for you to use, and their use is strongly recommended. However, you may find that delivered duty roles do not align with how your organization segregates work responsibilities, or have functionality you do not wish to use.

- Review the delivered duty roles. If you need to make changes, do not change the seeded role directly, but create a new duty role by copying the delivered one, and then removing functionality from, or adding it to, the copy.

For example, the Review Control Assessment seeded duty role includes the privilege to add attachments to completed controls during review. This may be something your organization does not allow the Control Assessment Reviewer to do. To remove this privilege, make a copy of the Review Control Assessment duty role, give it a new name, and remove this privilege from the new duty role.

- Construct duty roles in a way that aligns the tasks a user performs in a job. A user may perform multiple tasks that cross into different areas of the application. It is best to keep these tasks grouped into separate duty roles and then combine them in the job role.

  For example, the Internal Controls Manager needs the ability to administer controls and issues. It is better to have two duty roles, one for Control Administration and the other for Issue Administration, than to have one duty role that combines the two sets of tasks together.

  Keep this in mind as you define new duty roles, since this will provide you with the most reusability of duty roles. The delivered duty roles were created following this practice.

- EGRCM is seeded with duty roles for the objects configured for the Financial Governance module. If you have defined a new module, you need to define duty roles for the objects used within the module. See "Security for a New Module" (page 7-22).

Data Role

The data role defines which set of data the user has access to. The system matches the criteria for all the data roles within each user's job roles to determine the set of data to which the user has access. As covered in "Security Components" (page 7-1), two types of data role are delivered: primary data roles that include Module, State, and State Action, and composite data roles that reference a set of primary data roles to form the basic data access needed for a job role.

- Each primary data role is intended to be referenced by many composite data roles, depending on what actions are needed. You should not need to create primary data roles with module, state, and state action, but simply reference the delivered primary data roles.

- EGRCM is delivered with primary data roles for all the standard objects within the module template, but without the Module filter. For a custom module, include the Module filter in the custom data roles.

- A seeded composite data role exists for each seeded job role. Composite data roles have the same name as the job role, with the prefix *Data Role*. Each composite data role contains references to all the primary data roles that supply access to data required for the job.

- Data roles are extremely powerful in that, by their very construct, they define the degree of security to be to be implemented for all of the duty role privileges they are coupled with in the job role definition.

- Although EGRCM does not contain seeded job roles for the other standard objects within the module template, there are seeded composite data roles for those standard objects They are defined similarly to those that support the

seeded job roles for Financial Governance. These composites form groupings of data access against each of the standard objects and can be sued in custom job roles for new modules. See "Security for a New Module" (page 7-22).

As delivered, the Financial Governance module does not have perspectives. This means that until you introduce perspectives into the module, the user's access is determined only by whether she has been granted the functional privilege and has access to the module.

- As you plan perspectives for your module, keep in mind that they are the means for segregating the data sets to which users have access. If you want only certain users to have access to a subset of application data, define perspectives and build perspective filters in the data roles.

- First you must define the perspective. The values within the perspective are what will be associated to the application data. These same values are included within the data role. Their perspective must be defined with all its values before you can build the perspective data roles. Through the use of a perspective data role and associating perspective values to the operational data, you indicate the data to which each user has access. See "Module Perspectives" (page 1-9) and the "Perspective Management" chapter of the *EGRCM User Guide*.

- Perspectives are hierarchical. Within a data role, you can grant access to all data descending from a level of the hierarchy, by selecting that level within the hierarchy and selecting an Include Children option. This can reduce maintenance of the data role, since a filter defined this way does not have to change when new subordinate values are entered in the hierarchy.

  For example, an Organization perspective may be defined as follows:

  You can define roles that provide access to data at any level or the hierarchy, or to specific values:

  – For all data within the hierarchy, select ABC Corp and specify Includes Children.

  – For all data for a specific value and its subordinates (hierarchical branch), select a value and specify Include Children. If, in this example, your parent value is Division2, the role would grant access to data associated with Division2, Region1, Department1 and Department2, and Region2 and its subfolders.

  – For data only within a specific value, select that value, but do not specify Include Children. If you select a value that does have children, you are granting access only to the data associated with the value, and not to its children.

For example, if you select Division2 but do not specify Include Children, then the role does not have access to data for Region1, Region 2, Department1, or Department2.

- Introduce data level security by creating a custom data role with the appropriate perspective filters and then referencing the appropriate composite data role. If you use this technique, the system interjects the perspective filter into each primary data role included in the composite.

  Consider the perspective hierarchy illustrated above. Each of the three divisions has its own Control Manager, and each manager is to have access only to controls within his division.

  To accomplish this, define three custom data roles, one for each of the three divisions:

Role Name: Control Manager Division 1 Data Role
Description: Access to create and maintain controls in Division1

Filter Name	Object	Attribute	Condition	Value
Division	Perspective	Organization	Equals	Division1
Control Manager	Data Attributes	Data Role	Equals	Control Manager Data Role

Role Name: Control Manager Division 2 Data Role
Description: Access to create and maintain controls in Division2

Filter Name	Object	Attribute	Condition	Value
Division	Perspective	Organization	Equals	Division2
Control Manager	Data Attributes	Data Role	Equals	Control Manager Data Role

Role Name: Control Manager Division 3 Data Role
Description: Access to create and maintain controls in Division3

Filter Name	Object	Attribute	Condition	Value
Division	Perspective	Organization	Equals	Division3
Control Manager	Data Attributes	Data Role	Equals	Control Manager Data Role

It's strongly recommended that the custom data role reference a seeded composite data role. The custom data role will then automatically include any changes introduced to the seeded content in subsequent patches or releases.

- When a role includes more than one perspective value, it may treat those values with AND or OR logic, depending on how the role is configured. When the values are combined in one row, OR logic applies. The following role, for example, grants access to a user if a control has Division1 or Division2 as the value for the Organization perspective.

Role Name: Control Manager Division 1 or 2 Data Role
Description: Access to create and maintain controls in Division 1 or 2

Filter Name	Object	Attribute	Condition	Value
Division	Perspective	Organization	Equals	Division1, Division2
Control Manager	Data Attributes	Data Role	Equals	Control Manager Data Role

When the values are configured separately, however, AND logic applies. The following role, for example, grants access to a user only if a control has both Division1 and Division2 as the value for the Organization perspective.

Role Name: Control Manager Division 1 and 2 Data Role
Description: Access to create and maintain controls in Division 1 and 2

Filter Name	Object	Attribute	Condition	Value
Division	Perspective	Organization	Equals	Division1
Division	Perspective	Organization	Equals	Division2
Control Manager	Data Attributes	Data Role	Equals	Control Manager Data Role

- When a job role includes several data roles that are based on perspectives, those perspectives are joined by OR logic. So to expand the breadth of a job role, combine multiple perspective data roles.

- During the initial phases of an implementation, it's recommended that you start with broader access and over time, as you understand how the various security components of the application function, add granularity where necessary.

State Action

The state of an object identifies where it is within its life cycle. The state of an object changes as activities are performed on the object. Activities within EGRCM include updating values and submitting the change for review and approval, rejecting and approving the change, marking the remediation of an issue complete, closing an issue, etc. Each of these activities results in a change of state for the object.

The actions that can be performed against an object is determined by its state. Not all actions or activities are appropriate when an object is in a given state. EGRCM controls this by including the state within the primary data role. Duty roles identify the specific set of functional access and actions (privileges) a job role is granted. The state within the primary data role identifies which state the object must be in for this functional access and set of actions to be available.

The following tables list states appropriate to objects within EGRCM. They also indicate the actions appropriate to each state. Refer to these tables as you define custom primary duty roles.

Risk and Risk Objects A–J, Event, Consequence, Control and Control Objects A–J, Process, Base Object A–F, Perspective, Assessment Template, Assessment Plan, and Survey Template

State	Description
New	Created and saved
In Edit	Changes made and saved, but not submitted
In Review	Submitted and awaiting review
Awaiting Approval	Review completed and awaiting approval
Additional Information in Review	In review, and the reviewer has asked for more information
Additional Information in Approval	Awaiting approval, and the approver has asked for more information
Rejected	Rejected during either review or approval
Approved	Approved

Assessment Result

State	Description
New	New assessment available for assessor to complete
In Edit	Changes made and saved, but not submitted
In Review	Completed assessment is submitted and awaits review
Awaiting Approval	Review completed and awaiting approval
Additional Information in Review	In review, and the reviewer has asked for more information
Additional Information in Approval	Awaiting approval, and the approver has asked for more information
Rejected	Rejected during either review or approval
Approved	Approved

Risk Analysis and Risk Evaluation

State	Description
In Edit	Active analysis or evaluation available to be completed
Complete	Analysis or evaluation results are completed

Issue

State	Description
New	Created and saved
Reported	Submitted for validation
In Edit	Changes made and saved, but not yet submitted
In Review	Submitted change is available for review
Awaiting Approval	Review completed and awaiting approval
Additional Information in Review	In review, and the reviewer has asked for more information
Additional Information in Approval	Awaiting approval, and the reviewer has asked for more information
Rejected	Rejected during either review or approval
Approved	Approved
Closed in Review	Issue is closed and is in review
Closed Approve	Review is completed for a closed issue, which awaits approval
Closed Additional Information in Review	A closed issue is in review, and the reviewer has asked for more information
Closed Additional Information in Approval	A closed issue awaits approval, and the approver has asked for more information

Remediation Plan

State	Description
New	Created and saved
In Edit	Changes made and saved, but not yet submitted
In Review	Submitted change is available for review
Awaiting Approval	Review completed and awaiting approval

Additional Information in Review	In review, and the reviewer has asked for more information
Additional Information in Approval	Awaiting approval, and the reviewer has asked for more information
Rejected	Rejected during either review or approval
Approved	Approved
Completed Review	Remediation is completed and is in review
Completed Approve	Review completed for a completed remediation, which awaits approval
Completed Additional Information in Review	A completed remediation is in review, and the reviewer has asked for more information
Completed Additional Information in Approval	A completed remediation awaits approval, and the approver has asked for more information

Proposed Risk

Status	Description
New	Created and saved
In Edit	Changes made and saved, but not yet submitted
Reported	Submitted for validation
Rejected	Rejected during validation

Assessment

Status	Description
New	Created and saved
Active	Active assessment
Closed	Closed

Survey

Status	Description
New	Created and saved
Open	Open and available for responders
Closed	Closed

Make a note of the set of states that are appropriate for an action. When defining new primary data roles, you must include the correct state data role for the appropriate entity so that this functionality is available only when the object is in the state identified by the data role.

Note: EGRCM is seeded with a complete set of primary data roles for all objects, so it is highly unlikely that you will have to create a primary data role.

Job Role

Job roles can reference either duty roles, other job roles, data roles, or a combination of the three. EGRCM seeded security components use a technique of building two layers of job roles.

Job Duty Role

The job duty role is a type of job role that includes just references to duty roles. Isolating the functionality from the data access provides reusability of the job duty role and makes it easier to construct new data access specific to fob roles. Below is an illustration of a job duty role.

Job Role Name	Description	Role Type	Role Name
Control Manager Job Duty Role	Performs all the duties to maintain controls	Duty Role	Create New Control
		Duty Role	Control Management
		Duty Role	Create Issue for Control within Control Management
		Duty Role	Create Issue for Control Assessments
		Duty Role	Control Viewing
		Duty Role	Control Assessment Result Viewing
		Duty Role	Control Reporting

EGRCM is seeded with a set of job duty roles for the seeded job roles that are appropriate for the Financial Governance module. Each job duty role contains all the functional access needed for the job and defines "what can the user do" within the application.

- Although the UI allows you to construct job roles that include duty roles and data roles, it is strongly recommended that you follow the technique of constructing job duty roles with just references to duty roles. In this way you can reference the job duty role in the job role when you combine the functional and data access together. The job duty role can be used in multip0le job roles.

- Review the delivered job duty roles. Even if you did not create custom duty roles, you may find that the job duty role contains functionality that does not align with your compliance process. Do not change the seeded job duty role directly, but create a new job duty role by making a copy of a delivered role and then removing duty roles from, or adding them to, the copy. This way you will always have the seeded job duty role as a reference for building out additional job duty roles.

- If you define a custom module, you need to create custom job duty roles for all the custom duty roles you define. For guidance in defining job duty roles for a custom module, refer to the job duty roles delivered for Financial Governance.

For additional information, see "Security for a New Module" (page 7-22).

Job Role

The job role brings both the functional access and the data access together to form precisely "what the user can do" to "which set of data." EGRCM comes with seeded job roles that are appropriate for the Financial Governance module.

These seeded job roles are available for you to use to build out custom job roles you will need to introduce data-level security. Each job role has a reference to the appropriate job duty role and the appropriate data role.

- You need to create a job role for each set of functional access and unique set of data access required for all the operational data secured by perspectives.

  Earlier, the "Data Role" section presented a sample Organization perspective (page 7-13) that created three divisions. The section also showed how to create three data roles (page 7-14), each of which granted access to control-management data for one of the divisions. Using those data roles, you can create job roles, one for each division:

Job Role	Description	Role Type	Role
Control Manager Division1 Job Role	Maintain controls for Division1	Job Role	Control Manager Job Duty Role
		Data Role	Control Manager Division1 Data Role
Control Manager Division2 Job Role	Maintain controls for Division2	Job Role	Control Manager Job Duty Role
		Data Role	Control Manager Division2 Data Role
Control Manager Division3 Job Role	Maintain controls for Division3	Job Role	Control Manager Job Duty Role
		Data Role	Control Manager Division3 Data Role

  Note: It's recommended that you include the perspective value within the job role name so that you can easily identify the data that a given job role uses, and to make it easier to locate job roles when assigning them to users.

- A job role can reference other job roles. This type of job role can contain only other job roles, and acts as a way to group a set of job roles needed for a specific user type.

  For example, you can create a job role named Basic Financial Governance Access Job Role; it might contain two other job roles called GRC User and Financial Governance. Then you could grant only the Basic Financial Governance Access Job Role, rather than the two separate roles, to any user who would qualify to have both those roles.

- When an object contains perspectives, each data role must have at least one of the object's perspective values, in order for the data role to grant access to users.

- When a job role contains data roles with perspectives, the system matches all the perspective values within the data role against the object.

- The data role drives which perspective values to match. To grant access to data, a data role must match at least one perspective value for each of the perspective rows within the data role. If data does not have a value for a perspective within the data role, then it cannot be matched on.

Manage Users

The basic security principle is that a user does not have access to application functionality unless it is specifically granted to the user.

- All users must have basic access to EGRCM that is provided by the seeded GRC User Job Role. This job role includes only the basic privilege to log into

the application and see the Welcome dashboard. The user cannot perform any other activities until ser security profile is updated and she is granted privileges to perform other activities. Likewise, the user has access to none of the application data until her security profile is updated to define precisely the data to which she has access.

- To have the Financial Governance module displayed within the Navigator, the user must have the Financial Governance Module Job Role.

- Select all other appropriate job roles for each user.

- Each user must have a unique email address. Users cannot share an email address.

- When a user is assigned multiple job roles, his access is the combination of all the job roles he is assigned.

  For example, if the user has the job roles for performing control maintenance and issue maintenance for the Financial Governance module, then within the Navigator for Financial Governance, both the Control Management and Issue Management entries are available.

Define a User with Access to All Operational Data

It's recommended that you define at least one EGRCM user who can view all operational data. To do this, create data roles for perspectives associated to the business objects. Include a filter with the Includes Children condition, and select the root value. Includes this data role with the viewing job duty role for the object.

For example, assume you configured the Financial Governance module to have the following perspectives:
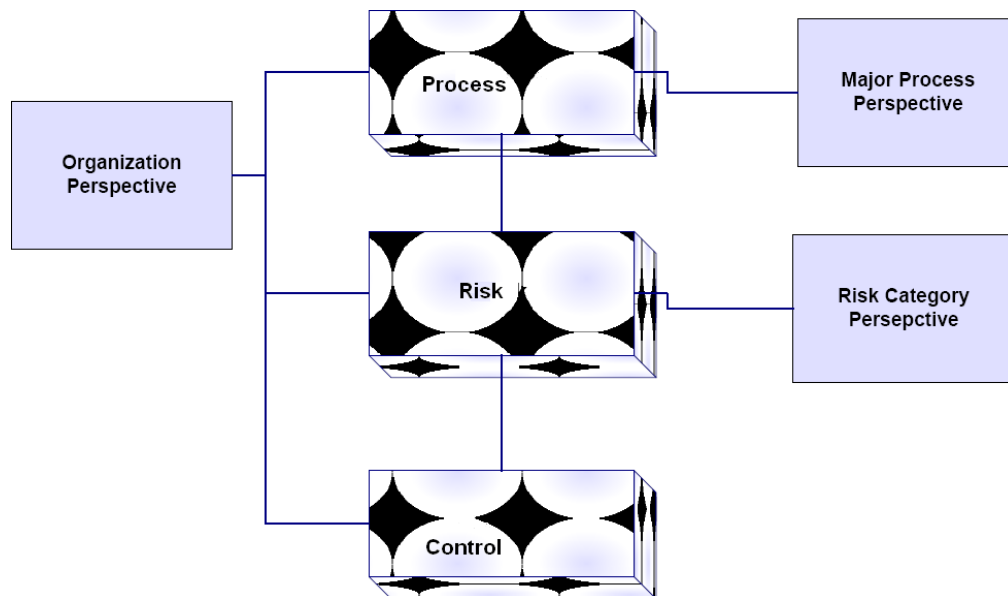
The Organization perspective is associated with all three objects in this module, so this perspective can be used to define the data role.

1. Create three custom data roles for Process Viewer, Risk Viewer, and Control Viewer. Define the filter for the perspective value of the top node of the Organ-

ization perspective hierarchy, with the Includes Children condition and the appropriate viewing composite data role.

Role Name: All Processes Viewer Data Role
Description: View all process data

Filter Name	Object	Attribute	Condition	Value
Organization	Perspective	Organization	Includes Children	Organization
Process Viewer	Data Attributes	Data Role	Equals	Process Viewer Data Role

Role Name: All Risks Viewer Data Role
Description: View all risk data

Filter Name	Object	Attribute	Condition	Value
Organization	Perspective	Organization	Includes Children	Organization
Risk Viewer	Data Attributes	Data Role	Equals	Risk Viewer Data Role

Role Name: All Controls Viewer Data Role
Description: View all control data

Filter Name	Object	Attribute	Condition	Value
Organization	Perspective	Organization	Includes Children	Organization
Control Viewer	Data Attributes	Data Role	Equals	Control Viewer Data Role

2. Define three custom job roles for Process Viewer, Risk Viewer, and Control Viewer. Use the custom data roles defined in step 1.

Name	Description	Role Type	Role Name
All Processes Viewer Job Role	View process duties combined with data access	Data Role	All Processes Viewer Data Role
		Job Role	Process Viewer Job Duty Role
All Risks Viewer Job Role	View risk duties combined with data access	Data Role	All Risks Viewer Data Role
		Job Role	Risk Viewer Job Duty Role
All Controls Viewer Job Role	View control duties combined with data access	Data Role	All Controls Viewer Data Role
		Job Role	Control Viewer Job Duty Role

3. Assign the new custom job roles to the user.

Access to Issues within Issue Management

Access to issue data is driven by the object the issue is raised against. Therefore, issue security access is always the combination of the issue privileges and data access to EGRCM objects within a module. Consider these points while defining users' job roles for Issue Management.

• To be granted access to Issue Management, a user must be assigned a job role which in turn cites a job duty role with at least one of the following privileges: View Issues, Create Issue, Edit Issue, Validate Issue, Close Issue, Review Issue Changes, Approve Issue Changes.

- The system determines the issues to which a user has access, based on the object each issue is raised against and whether the user has access to that object. That means the user's other job roles determine the issues to which she has access.

  For example, a control called Control X for Division1 within the Financial Governance module has an issue raised against it.

  – User1 has an Issue Manager Job Role that includes a job duty role containing the View Issues and Validate Issue privileges. User1 also has a data role for the Financial Governance module.

  – User1 also has a Control Manager Job Role that includes a job duty role containing privileges to create, edit, and view the control object for the Financial Governance module, and a data role for the Financial Governance module and Division1.

  – When User1 navigates to Issue Management within the Financial Governance module, she sees the issue raised against Control X because of the privileges and data access granted by the Control Manager Job Role.

  – The system also generates a worklist entry for User1 to validate the submitted issue for Control X, because she is granted the Validate Issues privilege within her Issue Manager Job Role.

Security for a New Module

If you configure a new module as discussed in the "Module Management" chapter (beginning on page 4-1), you must define new security roles for the objects configured within the new module.

First, review the module definition and identify all the template objects being used. The following might be used for an IT Governance module:
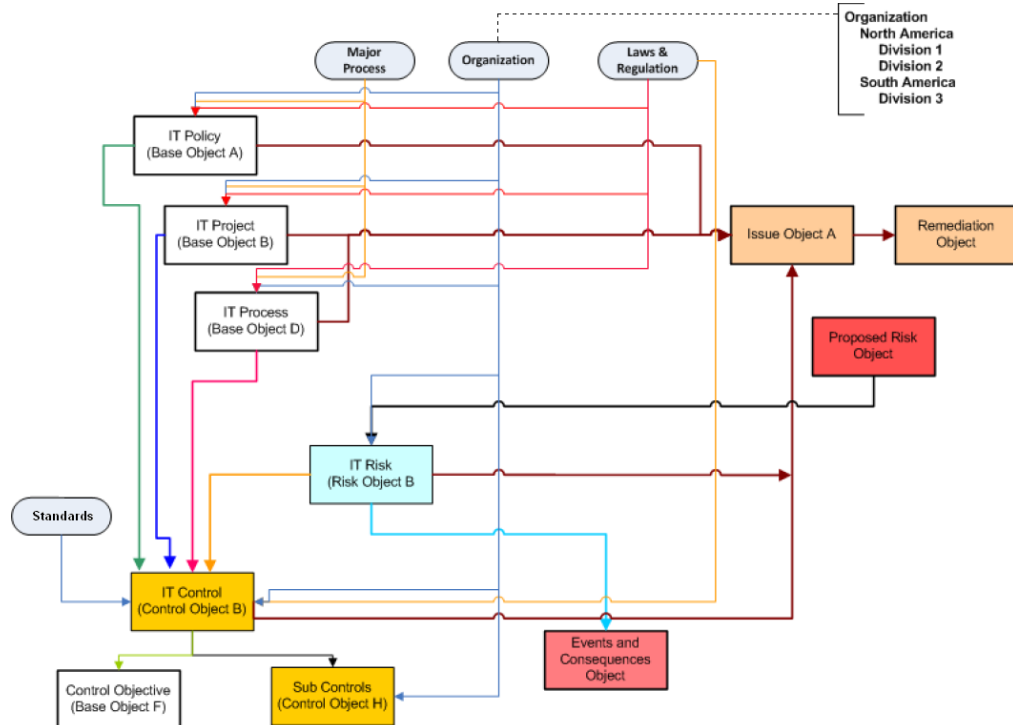
Based on this diagram, the new IT Governance module includes:

Object	Relabel	Module Specific
Base Object A	IT Policy	×
Base Object B	IT Project	×
Base Object D	IT Process	×
Risk Object B	IT Risk	×
Control Object B	IT Control	×
Control Object H	Sub Control	×
Base Object F	Control Objective	×
Event	Event	
Consequence	Consequence	
Proposed Risk	Proposed Risk	
Issue Object A	Issue	×
Remediation Plan	Remediation Plan	

Next, identify the types of job roles you need for this new module and the type of functional access each job role needs. Then complete the following steps:

1. Define duty roles for the standard objects used in the new module that are module-specific, to support the functional access needed for the job roles you have identified. Duty roles for these standard objects are not seeded with EGRCM. Standard objects include the following:

   • Base Objects A–F

   • Risk Objects A–J

   • Control Objects A–J

   • Issue Object A

   See "Define Duty Roles for the New Module" (page 7-24).

2. Define job duty roles that reference the appropriate new duty roles you created for the new module. See "Define Job Duty Roles for the New Module" (page 7-27).

3. Define a data role for each of the seeded composite data roles for the standard objects in the new module and include the module filter. This is also referred to as the "module data role." See "Define Data Roles for the New Module" (page 7-28).

4. Define perspective data roles for data-level security as needed. See "Define Perspective Data Roles for Data Level Security" (page 7-29).

5. Define new job roles. See "Define New Job Roles" (page 7-30).

6. Assign the new job roles to users.

The diagram at the top of the next page illustrates these steps to define the IT Control Manager Division 1 Job Role for the IT Governance module illustrated on page 7-22.

Step 1: Define new Duty roles for IT Control using privileges for Control B object

Step 2: Define new Job Duty role for the IT Control Manager Job Role.

Step 6: Assign the Job Role to a user.

Step 5: Define access specific Job Roles.

Step 4: Define new data role to add data level security. Referred to as a 'perspective data role'.

Step 3: Define a new Data Role with Module filter and reference the seeded composite data role for Control B. Referred to as a 'module data role'.

IT Control Manager Job Duty Role

IT Control Management

Privileges:
Edit Control B
Create Adhoc Control B Assessment
Create Control B from Related Components

Create New IT Control

Privileges:
Create Control B
Delete Control B

Create Issue for IT Control

Privileges:
Create Issue for Control B Definition

Create Issue for IT Control Bssessments

Privileges:
Create Issue for Control B Assessment

IT Control Viewing

Privileges:
View Control
View Control B Approval History

IT Control Bssessment Viewing

Privileges:
View Control B Assessment
View Control B Assessment Approval History

Custom Job Role
IT Control Manager Division1 Job Role

Job Role = IT Control Manager Job Duty Role

Data Role = IT Control Manager Division1 Data Role

John Smith

Control B Manager Data Role

Data Role = Edit Control B Primary Data Role

Data Role = Create Control B Primary Data Role

Data Role = Delete Control B Primary Data Role

Data Role = View Control B Primary Data Role

Edit Control B Primary Data Role:
Status = (New State Control B, In Edit State Control B, Rejected State Control B, Approved State Control B)
State Action = Edit

Create Control B Primary Data role:
Status = (New State Control B)
State Action = Create

Delete Control B Primary Data Role:
Status = (New State Control B)
State Action = Delete

View Control B Primary Data Role:
Status = (New State Control B, In Edit State Control B, In Review State Control B, Awaiting Approval State Control B, Request for Information in Review State Control B, Request for Information in Approval State Control B, Rejected State Control B, Approved State Control B)
State Action = View

Custom Data Role
IT Control Manager Division1 Data Role

Organization, Perspective = Division 1

Data Role = IT Control Manager Data role

Custom Data Role
IT Control Manager Data Role

Module = IT Governance

Data Role = Control B Manager Data role

Define Duty Roles for the New Module

Review the new module definition to identify which risk, control, and base objects from the template are to be used. You need to construct duty roles for these standard objects within the module template.

There is a complete set of privileges for each of the base, risk, and control objects within the standard module template, as well as the core objects within the Financial Governance module. For the standard objects, the privilege names are similar to each other and vary by the specific objects they are for. For example, consider the

privilege to "Create Control." There is not just one privilege for this, but eleven privileges, one for each control object within the module template.

Privilege	Object
Create Control	Control (Financial Governance)
Create Control Object A	Control Object A
Create Control Object B	Control Object B
Create Control Object C	Control Object C
Create Control Object D	Control Object D
Create Control Object E	Control Object E
Create Control Object F	Control Object F
Create Control Object G	Control Object G
Create Control Object H	Control Object H
Create Control Object I	Control Object I
Create Control Object J	Control Object J

EGRCM is delivered with duty roles only for the risk, control, process, and issue objects used within the Financial Governance module. You can use these seeded duty roles as examples of the privileges to include for the standard objects. However, you must construct new duty roles for your new module from scratch.

When creating the new duty roles, be careful to select the privileges that align with the objects configured in the module. The privilege names are similar, and change only by the object types with which they are associated (for example, View Risk Object A, View Risk Object B, View Risk Object C, and so on). If multiple modules are constructed similarly, you may be able to create more generic duty roles. Otherwise, to assist in the ease of future maintenance, it is probably best to name these based on the module for which they are designed. It is recommended that the name to which you relabeled an object within the module be included in the new duty role name. This will make the duty roles easier to locate as you define custom job roles.

You do not need to create new duty roles for Event, Consequence, Proposed Risk, or Remediation Plan, as there is only one object type for these business objects, and the seeded duty roles can be used for the functional access to these objects within your new module.

You also need to include the generic privileges for the activities around the object: Assessment, Risk Analysis, and Risk Evaluation. So include these generic privileges when appropriate. Note: When using Base Object A–F, include the generic Process privilege.

Privilege Name	Object
Add Attachments to a Completed Control Assessment	Control
Approve Control Assessment	Control
Complete Control Assessment	Control
Review Control Assessment	Control
Create Issue for Control Assessment	Control
View Control Assessment Approval History	Control
View Control Assessment Results	Control
Add Attachments to a Completed Process Assessment	Process

(Table continues on the next page.)

Privilege Name	Object
Approve Process Assessment	Process
Complete Process Assessment	Process
Review Process Assessment	Process
Create Issue for Process Assessment	Process
View Process Assessment Approval History	Process
View Process Assessment Results	Process
Create Risk Analysis	Risk
Complete Risk Analysis	Risk
Edit Risk Analysis	Risk
Create Issue for Risk Analysis	Risk
Add Attachments to a Completed Risk Assessment	Risk
Approve Risk Assessment	Risk
Complete Risk Assessment	Risk
Review Risk Assessment	Risk
Create Issue for Risk Assessment	Risk
Complete Risk Evaluation	Risk
Create Risk Evaluation	Risk
Edit Risk Evaluation	Risk
Create Issue for Risk Evaluation	Risk
View Risk Assessment Approval History	Risk
View Risk Assessment Results	Risk
Create Issue for Risk Treatment	Risk
Create Treatment Plan for Risk	Risk
Edit Treatment Plan for Risk	Risk

Take the IT Governance module (illustrated on page 7-22) as an example. It uses Control Object B, which it renames "IT Control." New duty roles are needed that include the privileges for Control Object B. As illustrated in the table below, naming the new duty roles Create IT Control, View IT Control, IT Control Management, and so on clearly identifies that the new duty roles are for access to IT control.

Duty Role Name	Description	Privileges
Create IT Control	Create IT Control data	Create Control Object B from Related Components
		Create Control Object B
		Delete Control Object B
IT Control Management	Maintain IT Control data	Create Control Object B Adhoc Assessment
		Edit Control Object B
		Create Control Object B from Related
Create Issue for IT Control	Create issue for IT Control from within Control Management	Create Issue for Control Object B Definition
Create Issue for IT Control Assessments	Create issues against IT Control assessments	Create Issue for Control Object B Assessment

(Table continues on the next page.)

Duty Role Name	Description	Privileges
View IT Control	View IT Control data	View Control Object B
		View Control Object B Approval History
		View Control Object B Assessment Approval History
IT Control Assessment Result Viewing	View assessment for IT Controls	View Control Object B Assessment Results

You may find it easier to plan out the duty roles in a spreadsheet before attempting to define them within the UI. You can copy the list of delivered privileges from the Appendix and paste it into a spreadsheet, then list the names of the duty roles you plan to define across the top, as illustrated below on line 2. Within the body of the spreadsheet, indicate the privileges that should be included in the duty role. When you are ready to define your new duty roles, refer to the spreadsheet while selecting privileges to include.

	A	B	C	D	E
1					
2			New custome duty roles	Create IT Risk	View IT Risk
3					
4	Navigator	Activity	Privilege		
98			*Privileges for Risk Object A*		
99	Risk Management	Risk A Management	View Risk A		x
100			View Risk A Approval History		x
101			View Risk A Assessment Approval History		x
102		Risk A Maintenance	Create Risk A		
103			Create Risk A from Related Components		
104			Edit Risk A	x	
105			Create Issue for Risk A Definition	x	
106			Review Risk A Changes		
107			Approve Risk A Changes		
108			Delete Risk A		

Define Job Duty Roles for the New Module

Define new job duty roles and reference the appropriate set of duty rules defined for the standard object.

To use the IT Governance module example, define a new job duty role for a user to create, edit, and maintain the IT Control. The job duty role would be similar to the one defined in the following table:

Job Role Name	Description	Role Type	Role Name
IT Control Manager Job Duty Role	Performs all duties to maintain IT controls	Duty Role	IT Control Management
		Duty Role	Create Issue for IT Control within Control Management
		Duty Role	Create Issue for IT Control Assessments
		Duty Role	IT Control Viewing
		Duty Role	IT Control Assessment Result Viewing

Define Data Roles for the New Module

EGRCM is delivered with a complete set of primary and composite data roles for all the objects within the module template.

EGRCM is seeded with primary data roles for the standard objects within the module template. For each, the object name is contained within the role name, and each references the specific state for the standard object that the primary data role is for. The roles do not contain the module filter. For example:

Role Name: Edit Control Object A Primary Data Role
Description: Edit Control Object A data access criteria

Filter Name	Object	Attribute	Condition	Value
Control state	Data Attributes	State	Equals	In Edit State Control Object A Rejected State Control Object A Approved State Control Object A
Action	Data Attributes	State Action	Equals	Create

Role Name: Edit Control Object B Primary Data Role
Description: Edit Control Object B data access criteria

Filter Name	Object	Attribute	Condition	Value
Control state	Data Attributes	State	Equals	In Edit State Control Object B Rejected State Control Object B Approved State Control Object B
Action	Data Attributes	State Action	Equals	Create

The seeded composite data roles for the standard objects are defined similarly to those that support the seeded job roles for Financial Governance. These composites form groupings of data access against each of the standard objects. For example:

Role Name: Edit Control Object A Manager Data Role
Description: Edit Control Object A data access

Filter Name	Object	Attribute	Condition	Value
Edit	Data Attributes	Data Role	Equals	Edit Control Object A Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Object A Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Object A Assessment Results Primary Data Role
Delete	Data Attributes	Data Role	Equals	Delete Control Object A Primary Data Role
Create	Data Attributes	Data Role	Equals	Create Control Object A Primary Data Role

Role Name: Edit Control Object B Manager Data Role
Description: Edit Control Object B data access

Filter Name	Object	Attribute	Condition	Value
Edit	Data Attributes	Data Role	Equals	Edit Control Object B Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Object B Primary Data Role

(Table continues on the next page.)

Filter Name	Object	Attribute	Condition	Value
View Assessment	Data Attributes	Data Role	Equals	View Control Object B Assessment Results Primary Data Role
Delete	Data Attributes	Data Role	Equals	Delete Control Object B Primary Data Role
Create	Data Attributes	Data Role	Equals	Create Control Object B Primary Data Role

Module is not part of the delivered primary data roles for the standard objects, so it must be introduced in a custom data role. Define new module data roles for the composite data roles for objects used in the new module. Include the module filter along with a reference to the delivered composite data role for that standard object.

The following table shows the new module data role for IT Control Manager (Control Object B) used in the IT Governance module.

Role Name: IT Control Manager Data Role
Description: Maintain IT control data access

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	IT Governance
Data Role	Data Attributes	Data Role	Equals	Control Object B Manager Data Role

Define Perspective Data Roles for Data Level Security

Introduce data-level security for the new module in the same way as described for the Financial Governance module. Create a custom data role with the appropriate perspective filters, and then reference the module data roles defined in "Define Data Roles for the New Module."

Role Name: IT Control Manager Division1 Data Role
Description: Access to create and maintain controls in Division1

Filter Name	Object	Attribute	Condition	Value
Division1	Perspective	Organization	Equals	Division1
Control Manager	Data Attributes	Data Role	Equals	IT Control Manager Data Role

The system includes the filter criteria of the perspective by joining this filter with all the other filter criteria introduced in the reference composite, as well as the filter criteria within each of the primary data roles contained within the seeded composite data role Control B Manager Data Role (three levels of nesting).

The system includes the perspective filter by joining this filter with other data role criteria with AND logic, and grants data access to all controls where any of the following is true:

• Perspective equals Division1 AND
Module equals IT Governance [criterion from IT Control Manager Data Role] AND
Control State equals New State Control OR In Edit Stat Control OR Rejected State Control OR Approved State Control [criteria from Edit Control B Primary Data Role AND
Action equals Edit

- Perspective equals Division1 AND
  Module equals IT Governance [criterion from IT Control Manager Data
    Role] AND
  Control State equals New State Control [criterion from Delete Control B
    Primary Data role] AND
  Action equals Delete

- Perspective equals Division1 AND
  Module equals Financial Governance [criterion from IT Control Manager Data
    Role] AND
  Control State equals New State Control OR In Edit State Control OR In Review
    State Control OR Awaiting Approval State Control OR Request for Informa-
    tion in Review State Control OR Request for Information in Approval State
    Control OR Rejected State Control OR Approved State Control [criterion
    from View Control B Primary Data role] AND
  Action equals View

Define New Job Roles

Create new job roles for the new module as described in the job roles section of this
chapter. The only difference is that these job roles reference the new job duty role
and data roles created for the new module.

Create Job Roles for Issue and Remediation Plan for a Custom Module

Job roles for issue and remediation plan for a custom module are handled slightly
differently than for other standard objects.

Access to issues is based on the user having the appropriate functional access to the
Issue object and having data access to the Issue object and data access to the object
the issue is against.

There is only one Remediation Plan object, and it is not module- or object-specific.
Access to Remediation Plan is based on having the appropriate functional access to
the Remediation Plan object and having data access to the Remediation object.

When defining a new Issue Job Role for the custom module, it is necessary to add in
the module filter. However, you will never build a perspective data role for the Issue
object; issues do not have perspectives.

Role Name: IT Issue Manager Data Role

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	IT Governance
Data Role	Data Attributes	Data Role	Equals	Issue Object A Manager Data Role

The issues to which a user actually has access are based on the object against which
the issues are logged. A user has access only to issues within Issue Management for
objects to which he has access in other work areas. So a user who is an Issue Mana-
ger is able to edit and maintain issues only for objects to which he has access. There-
fore to define new issue job roles for a custom module:

- Define new duty roles for Issue Object A.

- Define new job duty roles that reference the new duty roles for Issue Object A.

- Define the module data role to grant access to the Issue object within the new module.

- Define the module-specific job role that references the new job duty role and the new module data role.

- For a user to have access to remediation plans, the seeded job roles can be used. There is only on Remediation Plan object, which spans all modules. Users with access to Remediation Plan data have access to all remediation plans within the application.

The following diagram illustrates Issue and Remediation Plan security for a custom module.
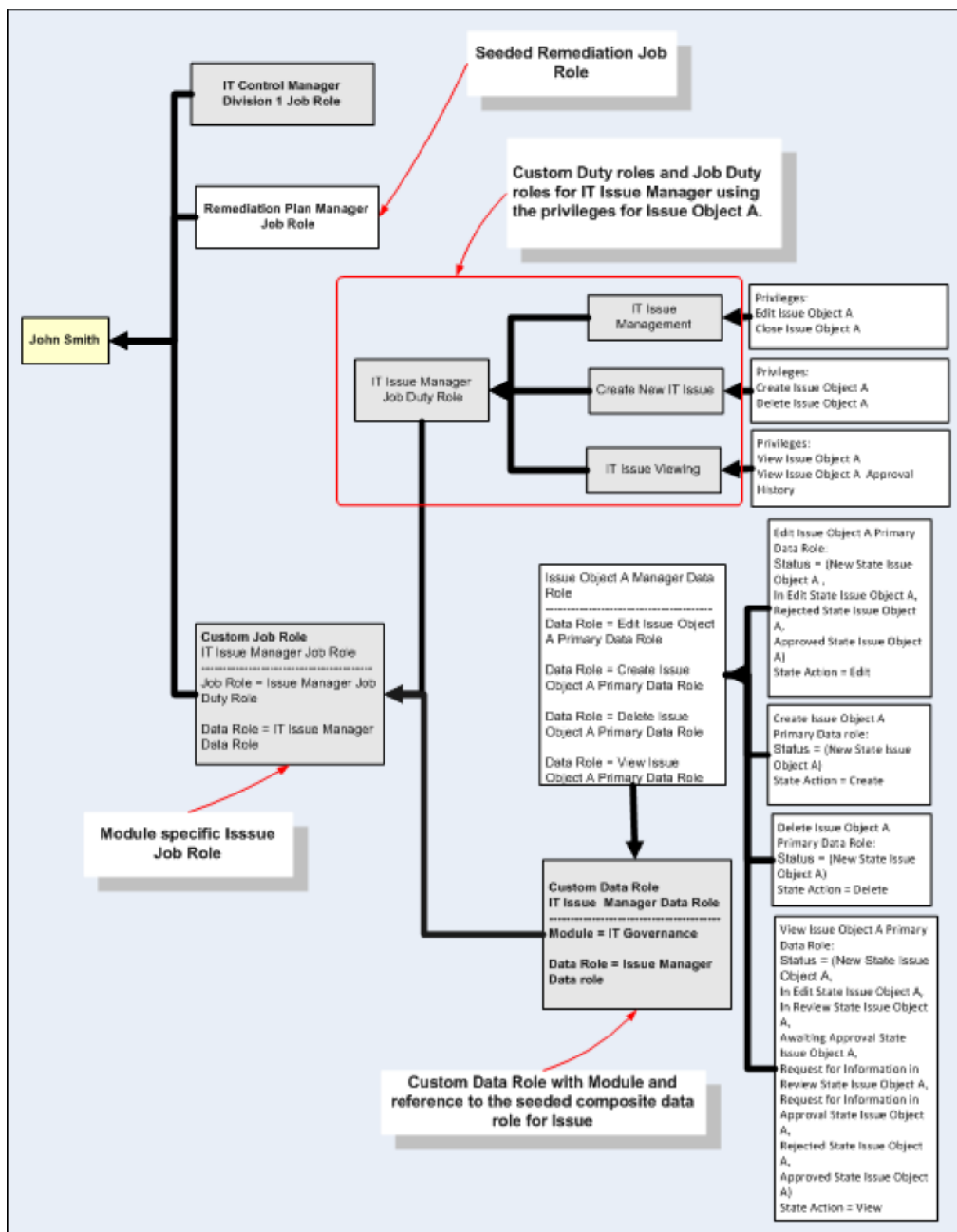
Security for Event, Consequence, and Proposed Risk

Like Remediation Plan, there is only one object for each of Event, Consequence, and Proposed Risk. This means there is no need for custom security roles to grant a user access to these objects; the seeded roles can be used.

Data for Event, Consequence, and Proposed Risk is also not module-specific. Regardless of the module from which a user navigates into Risk Management, she will see all instances.

These components do not have perspectives, so there is no data-level security for them.

8

Preparing for a Production Environment

Typically an IT organization develops a specific release process, which is managed internally. It is common to see a variety of release approaches. However, a number of common deployment tiers are designated in the release process. The following are common milestones that can be found in an application release process:

- Development: A development server (sandbox) for installing the application, configuring it, and preparing and loading legacy data into it. It is strongly recommended that a current snapshot be taken of the environment before any significant change is applied to the development instance, such as importing legacy data or installing a patch.

- Staging/Preproduction: A mirror image of the production environment. Users can complete comprehensive testing prior to production. At this point, if critical issues have been identified, the environment's database can be rolled back to the prior snapshot.

    Additional common release tiers could include:

    - Integration: Developer testing if any side effects have occurred.

    - Test/QA: For functional, performance testing, quality assurance (data integrity, security, and general configuration).

    - UAT: User acceptance testing.

- Production/Live: Servers are available to the end user.

Each of these milestones is broken down into phases. Each phase provides a sequential order of recommended steps to follow during the implementation of an EGRCM environment.

Phase 1: Development (Initial sandbox/CRP)

1. Install and patch to latest level.

2. Take a backup of the instance that does not include any data.

3. Enter in test data for training, CRP, and UAT.

4. Refine import file and test import.

5. Finalize operational and setup data import file for preproduction setup.

6. Restore from "Gold" backup when new releases are available or for iterations of import-file testing.

7. Repeat steps 1–6 as necessary.

8. Patch environment to latest release level (or apply as fresh install with new schema).

9. Take a Gold backup of the instance that does not include any data.

10. Put together preproduction setup documentation (script specific to your setups).

11. Phase 1 conclusion. This means your import file is close to being completed and you have determined how you want to set up your UDAs, perspectives, and security definitions (i.e., duty, data, and job role constructs and whom they are to be assigned to).

Phase 2: Staging/Preproduction Setup

1. Restore to a clean environment.

2. Upgrade environment to latest release (or apply as fresh install with new schema).

3. Take a Gold backup of the instance that does not include any data.

4. Input initial setups:
   - UDAs
   - Lookup values

5. Import operational and setup data. Note: The import file may undergo additional modifications based on UAT.

6. Input next setups:
   - Perspective hierarchies
   - Perspective/object association
   - Data, duty, and job roles

7. Take a Gold backup with data and setups. As a precaution, however, do not blow away the Gold backup from step 3.

8. Perform UAT.

9. Determine if setups and import data are appropriate (i.e., they pass) from UAT experience. If they do not pass, restore the Gold backup from step 3 and repeat steps 4–7 (step 8 is optional). If they do pass, restore Gold backup from step 7 and continue at the next step.

10. Patch to the latest release if applicable.

11. Take Gold backup with data and setups.

12. Test and validate preproduction as necessary.

13. Restore Gold backup from step 11 and apply all necessary patches. Repeat until step 12 is satisfied.

14. Restore Gold backup from step 11 and apply all necessary patches.

15. Take final preproduction Gold backup.

16. Install into production environment and migrate the production database from the Gold backup.

Phase 3: Production/Live Maintenance

1. Clone production database.

2. Deploy clone to Development and Test instances.

3. Apply latest release to Development.

4. Test the upgrade and sign off.

5. Apply latest release to Test instance.

6. Test upgrade and sign off.

7. Apply latest release to Production instance.

Taking Up EGRCM Patch Sets

During the implementation of an EGRCM environment, sequential patches may become available. The following provides scenarios and approaches you can take.

Option 1:

1. Fresh install, which replaces the application schema with a new empty one.

2. Take backup to create a new Gold image.

3. Release as Development to functional team for additional testing.

Option 2

1. Restore Gold image.

2. Apply patch.

3. Take backup to create new Gold image.

4. Release as Development to functional team for additional testing.

5. Back up the instance prior to the release. The key is not to include any of the test data (i.e., configuration, records, and transactions).

A

Appendix

This appendix provides additional information about EGRCM, such as trouble-shooting tips and lists of delivered business objects.

Troubleshooting Import Data

The import process may detect some data inconsistencies within the import template. In this case, the system alerts you with an error message after you have started the import. The message helps you determine the cause of the problem.

The following is a sampling of errors you may encounter"

- Attribute given is not defined (attribute name, sheet name) UDA_uda 1 for Control, Control

- Entity referenced by the attribute is not found (entity referenced, attribute name, attribute value, sheet name, row number) Control, CONTROL_ID, 1, TreatmentControl, 3

- Entity referenced by the attribute is not found (entity referenced, attribute name, attribute value, sheet name, row number) Event, EVENT_ID, 5, RiskEvent, 7

- Entity referenced by the attribute is not found (entity referenced, attribute name, attribute value, sheet name, row number) Control, CONTROL_ID, 1, RiskControl, 3

- Attribute given is not defined (attribute name, sheet name) UDA_uda 1 for Process, Process

- Attribute given is not defined (attribute name, sheet name) UDA_uda 2 for PerspectiveItem, PerspectiveItem

- Attribute value given is not in the valid list of values (attribute name, attribute type, sheet name, row number) STATE_CODE, aaa, PerspectiveItem, 4

- Wrong attribute type given for the attribute (attribute name, attribute type, sheet name, row number) UDA_uda 1 for PerspectiveItem, DateTime, PerspectiveItem, 5

- Wrong attribute type given for the attribute (attribute name, attribute type, sheet name, row number) RISK_ID, Number, ProcessRisk, 4

- Wrong attribute type given for the attribute (attribute name, attribute type, sheet name, row number) LIKELIHOOD_MODEL_ID, Number, Event, 7

- Entity referenced by the attribute is not found (entity referenced, attribute name, attribute value, sheet name, row number) Control, PARENT_CONTROL_ID, 2, RiskControl, 3

Using the preceding error messages as an example, you can generally interpret error messages as follows:

- The first part is the actual error — for example, "Entity referenced by the attribute is not found."

- Information following the actual error includes, in parentheses, labels describing the items involved in the error, followed by the actual items. For example:

(entity referenced, attribute name, attribute value, sheet name, row number) Control, PARENT_CONTROL_ID, 2, RiskControl, 3

  – entity referenced, Control: The problem occurred for the Control object.

  – attribute name, PARENT_CONTROL_ID: The issue is with the value entered for PARENT_CONTROL_ID.

  – attribute vale, 2: The Control ID value of 2 does not reference a valid control.

  – sheet name, RiskControl: The error is within the RiskControl tab of the import template.

  – row number, 3: The error is in the third row of data.

Using this error-message information, look at the RiskControl tab in the import template. Look at the third row of data (ignore the header rows). The value in PARENT_CONTROL_ID (2) does not reference a control.

During the import process, you may encounter a duplicate error or a SQL error. To troubleshoot either, ftp the grc.log from the following location on host:

```
$<MW_HOME>/user_projects/domains/grc_domain/servers/AdminServer/
stage/grc863/grc863/grc/log
```

Open the grc.log in a text editor (such as WordPad), then:

- For a duplicate error, search (Ctrl+F) for "importexport" and check the corresponding timestamp before analysis.

- For a SQL error, search for "SQL statement" and check the corresponding timestamp before analysis.

List of Delivered Privileges

The following table contains all the seeded privileges within EGRCM. The table is organized by Navigator entry and activity, so all the privileges for a specific activity within the application are listed together. You cannot create new privileges. A privilege correlates to a specific object, action, or page within the application.

If a user receives an error message that she does not have access to a page while performing her work, or she does not see an action enabled on a page or is missing a

task list entry, it is most likely due to a missing privilege. Review this list of privileges to determine which one is missing from the user's duty role.

There is a set of privileges for each of the standard objects contained within the module template. When creating your own duty roles, be sure to select the correct set of privileges for the object you are using within the module. For example, the Financial Governance module is delivered with Risk configured as the Financial Governance Risk. The delivered Risk duty roles include the privileges that match Risk and will grant functional access only to Financial Governance Risk.

If you define a custom module and configure Risk Object A to be used, you will need to create a set of Risk duty roles that include the privileges for Risk Object A. Using the incorrect set of privileges is also a cause for a user not having access to pages, links, and task entries.

Navigation Entry	Activity	Privilege Name	Object
Navigator	Financial Governance	Display Financial Governance in the Navigator	
Control Management	Control Assessment	Add Attachments to a Completed Control Assessment	Control
Control Management	Control Assessment	Approve Control Assessment	Control
Control Management	Control Assessment	Complete Control Assessment	Control
Control Management	Control Assessment	Create Control Adhoc Assessment	Control
Control Management	Control Assessment	Create Issue for Control Assessment	Control
Control Management	Control Assessment	Review Control Assessment	Control
Control Management	Control Maintenance	Approve Control Changes	Control
Control Management	Control Maintenance	Create Control	Control
Control Management	Control Maintenance	Create Control from Related Components	Control
Control Management	Control Maintenance	Create Issue for Control Definition	Control
Control Management	Control Maintenance	Delete Control	Control
Control Management	Control Maintenance	Edit Control	Control
Control Management	Control Maintenance	Review Control Changes	Control
Control Management	Control Management	View Control	Control
Control Management	Control Management	View Control Approval History	Control
Control Management	Control Management	View Control Assessment Approval History	Control

Navigation Entry	Activity	Privilege Name	Object
Control Management	Control Management	View Control Assessment Results	Control
Control Management	Control Assessment	Add Attachments to a Completed Control Object A Assessment	Control Object A
Control Management	Control Assessment	Approve Control Object A Assessment	Control Object A
Control Management	Control Assessment	Complete Control Object A Assessment	Control Object A
Control Management	Control Assessment	Create Control Object A Adhoc Assessment	Control Object A
Control Management	Control Assessment	Create Issue for Control Object A Assessment	Control Object A
Control Management	Control Assessment	Review Control Object A Assessment	Control Object A
Control Management	Control Maintenance	Approve Control Object A Changes	Control Object A
Control Management	Control Maintenance	Create Control Object A	Control Object A
Control Management	Control Maintenance	Create Control Object A from Related Components	Control Object A
Control Management	Control Maintenance	Create Issue for Control Object A Definition	Control Object A
Control Management	Control Maintenance	Delete Control Object A	Control Object A
Control Management	Control Maintenance	Edit Control Object A	Control Object A
Control Management	Control Maintenance	Review Control Object A Changes	Control Object A
Control Management	Control Management	View Control Object A	Control Object A
Control Management	Control Management	View Control Object A Approval History	Control Object A
Control Management	Control Management	View Control Object A Assessment Approval History	Control Object A
Control Management	Control Management	View Control Object A Assessment Results	Control Object A
Control Management	Control Assessment	Add Attachments to a Completed Control Object B Assessment	Control Object B

Navigation Entry	Activity	Privilege Name	Object
Control Management	Control Assessment	Approve Control Object B Assessment	Control Object B
Control Management	Control Assessment	Complete Control Object B Assessment	Control Object B
Control Management	Control Assessment	Create Control Object B Adhoc Assessment	Control Object B
Control Management	Control Assessment	Create Issue for Control Object B Assessment	Control Object B
Control Management	Control Assessment	Review Control Object B Assessment	Control Object B
Control Management	Control Maintenance	Approve Control Object B Changes	Control Object B
Control Management	Control Maintenance	Create Control Object B	Control Object B
Control Management	Control Maintenance	Create Control Object B from Related Components	Control Object B
Control Management	Control Maintenance	Create Issue for Control Object B Definition	Control Object B
Control Management	Control Maintenance	Delete Control Object B	Control Object B
Control Management	Control Maintenance	Edit Control Object B	Control Object B
Control Management	Control Maintenance	Review Control Object B Changes	Control Object B
Control Management	Control Management	View Control Object B	Control Object B
Control Management	Control Management	View Control Object B Approval History	Control Object B
Control Management	Control Management	View Control Object B Assessment Approval History	Control Object B
Control Management	Control Management	View Control Object B Assessment Results	Control Object B
Control Management	Control Assessment	Add Attachments to a Completed Control Object C Assessment	Control Object C
Control Management	Control Assessment	Approve Control Object C Assessment	Control Object C
Control Management	Control Assessment	Complete Control Object C Assessment	Control Object C

Navigation Entry	Activity	Privilege Name	Object
Control Management	Control Assessment	Create Control Object C Adhoc Assessment	Control Object C
Control Management	Control Assessment	Create Issue for Control Object C Assessment	Control Object C
Control Management	Control Assessment	Review Control Object C Assessment	Control Object C
Control Management	Control Maintenance	Approve Control Object C Changes	Control Object C
Control Management	Control Maintenance	Create Control Object C	Control Object C
Control Management	Control Maintenance	Create Control Object C from Related Components	Control Object C
Control Management	Control Maintenance	Create Issue for Control Object C Definition	Control Object C
Control Management	Control Maintenance	Delete Control Object C	Control Object C
Control Management	Control Maintenance	Edit Control Object C	Control Object C
Control Management	Control Maintenance	Review Control Object C Changes	Control Object C
Control Management	Control Management	View Control Object C	Control Object C
Control Management	Control Management	View Control Object C Approval History	Control Object C
Control Management	Control Management	View Control Object C Assessment Approval History	Control Object C
Control Management	Control Management	View Control Object C Assessment Results	Control Object C
Control Management	Control Assessment	Add Attachments to a Completed Control Object D Assessment	Control Object D
Control Management	Control Assessment	Approve Control Object D Assessment	Control Object D
Control Management	Control Assessment	Complete Control Object D Assessment	Control Object D
Control Management	Control Assessment	Create Control Object D Adhoc Assessment	Control Object D
Control Management	Control Assessment	Create Issue for Control Object D Assessment	Control Object D

Navigation Entry	Activity	Privilege Name	Object
Control Management	Control Assessment	Review Control Object D Assessment	Control Object D
Control Management	Control Maintenance	Approve Control Object D Changes	Control Object D
Control Management	Control Maintenance	Create Control Object D	Control Object D
Control Management	Control Maintenance	Create Control Object D from Related Components	Control Object D
Control Management	Control Maintenance	Create Issue for Control Object D Definition	Control Object D
Control Management	Control Maintenance	Delete Control Object D	Control Object D
Control Management	Control Maintenance	Edit Control Object D	Control Object D
Control Management	Control Maintenance	Review Control Object D Changes	Control Object D
Control Management	Control Management	View Control Object D	Control Object D
Control Management	Control Management	View Control Object D Approval History	Control Object D
Control Management	Control Management	View Control Object D Assessment Approval History	Control Object D
Control Management	Control Management	View Control Object D Assessment Results	Control Object D
Control Management	Control Assessment	Add Attachments to a Completed Control Object E Assessment	Control Object E
Control Management	Control Assessment	Approve Control Object E Assessment	Control Object E
Control Management	Control Assessment	Complete Control Object E Assessment	Control Object E
Control Management	Control Assessment	Create Control Object E Adhoc Assessment	Control Object E
Control Management	Control Assessment	Create Issue for Control Object E Assessment	Control Object E
Control Management	Control Assessment	Review Control Object E Assessment	Control Object E
Control Management	Control Maintenance	Approve Control Object E Changes	Control Object E
Control Management	Control Maintenance	Create Control Object E	Control Object E

Navigation Entry	Activity	Privilege Name	Object
Control Management	Control Maintenance	Create Control Object E from Related Components	Control Object E
Control Management	Control Maintenance	Create Issue for Control Object E Definition	Control Object E
Control Management	Control Maintenance	Delete Control Object E	Control Object E
Control Management	Control Maintenance	Edit Control Object E	Control Object E
Control Management	Control Maintenance	Review Control Object E Changes	Control Object E
Control Management	Control Management	View Control Object E	Control Object E
Control Management	Control Management	View Control Object E Approval History	Control Object E
Control Management	Control Management	View Control Object E Assessment Approval History	Control Object E
Control Management	Control Management	View Control Object E Assessment Results	Control Object E
Control Management	Control Assessment	Add Attachments to a Completed Control Object F Assessment	Control Object F
Control Management	Control Assessment	Approve Control Object F Assessment	Control Object F
Control Management	Control Assessment	Complete Control Object F Assessment	Control Object F
Control Management	Control Assessment	Create Control Object F Adhoc Assessment	Control Object F
Control Management	Control Assessment	Create Issue for Control Object F Assessment	Control Object F
Control Management	Control Assessment	Review Control Object F Assessment	Control Object F
Control Management	Control Maintenance	Approve Control Object F Changes	Control Object F
Control Management	Control Maintenance	Create Control Object F	Control Object F
Control Management	Control Maintenance	Create Control Object F from Related Components	Control Object F
Control Management	Control Maintenance	Create Issue for Control Object F Definition	Control Object F

Navigation Entry	Activity	Privilege Name	Object
Control Management	Control Maintenance	Delete Control Object F	Control Object F
Control Management	Control Maintenance	Edit Control Object F	Control Object F
Control Management	Control Maintenance	Review Control Object F Changes	Control Object F
Control Management	Control Management	View Control Object F	Control Object F
Control Management	Control Management	View Control Object F Approval History	Control Object F
Control Management	Control Management	View Control Object F Assessment Approval History	Control Object F
Control Management	Control Management	View Control Object F Assessment Results	Control Object F
Control Management	Control Assessment	Add Attachments to a Completed Control Object G Assessment	Control Object G
Control Management	Control Assessment	Approve Control Object G Assessment	Control Object G
Control Management	Control Assessment	Complete Control Object G Assessment	Control Object G
Control Management	Control Assessment	Create Control Object G Adhoc Assessment	Control Object G
Control Management	Control Assessment	Create Issue for Control Object G Assessment	Control Object G
Control Management	Control Assessment	Review Control Object G Assessment	Control Object G
Control Management	Control Maintenance	Approve Control Object G Changes	Control Object G
Control Management	Control Maintenance	Create Control Object G	Control Object G
Control Management	Control Maintenance	Create Control Object G from Related Components	Control Object G
Control Management	Control Maintenance	Create Issue for Control Object G Definition	Control Object G
Control Management	Control Maintenance	Delete Control Object G	Control Object G
Control Management	Control Maintenance	Edit Control Object G	Control Object G
Control Management	Control Maintenance	Review Control Object G Changes	Control Object G

Navigation Entry	Activity	Privilege Name	Object
Control Management	Control Management	View Control Object G	Control Object G
Control Management	Control Management	View Control Object G Approval History	Control Object G
Control Management	Control Management	View Control Object G Assessment Approval History	Control Object G
Control Management	Control Management	View Control Object G Assessment Results	Control Object G
Control Management	Control Assessment	Add Attachments to a Completed Control Object H Assessment	Control Object H
Control Management	Control Assessment	Approve Control Object H Assessment	Control Object H
Control Management	Control Assessment	Complete Control Object H Assessment	Control Object H
Control Management	Control Assessment	Create Control Object H Adhoc Assessment	Control Object H
Control Management	Control Assessment	Create Issue for Control Object H Assessment	Control Object H
Control Management	Control Assessment	Review Control Object H Assessment	Control Object H
Control Management	Control Maintenance	Approve Control Object H Changes	Control Object H
Control Management	Control Maintenance	Create Control Object H	Control Object H
Control Management	Control Maintenance	Create Control Object H from Related Components	Control Object H
Control Management	Control Maintenance	Create Issue for Control Object H Definition	Control Object H
Control Management	Control Maintenance	Delete Control Object H	Control Object H
Control Management	Control Maintenance	Edit Control Object H	Control Object H
Control Management	Control Maintenance	Review Control Object H Changes	Control Object H
Control Management	Control Management	View Control Object H	Control Object H
Control Management	Control Management	View Control Object H Approval History	Control Object H
Control Management	Control Management	View Control Object H Assessment Approval History	Control Object H

Navigation Entry	Activity	Privilege Name	Object
Control Management	Control Management	View Control Object H Assessment Results	Control Object H
Control Management	Control Assessment	Add Attachments to a Completed Control Object I Assessment	Control Object I
Control Management	Control Assessment	Approve Control Object I Assessment	Control Object I
Control Management	Control Assessment	Complete Control Object I Assessment	Control Object I
Control Management	Control Assessment	Create Control Object I Adhoc Assessment	Control Object I
Control Management	Control Assessment	Create Issue for Control Object I Assessment	Control Object I
Control Management	Control Assessment	Review Control Object I Assessment	Control Object I
Control Management	Control Maintenance	Approve Control Object I Changes	Control Object I
Control Management	Control Maintenance	Create Control Object I	Control Object I
Control Management	Control Maintenance	Create Control Object I from Related Components	Control Object I
Control Management	Control Maintenance	Create Issue for Control Object I Definition	Control Object I
Control Management	Control Maintenance	Delete Control Object I	Control Object I
Control Management	Control Maintenance	Edit Control Object I	Control Object I
Control Management	Control Maintenance	Review Control Object I Changes	Control Object I
Control Management	Control Management	View Control Object I	Control Object I
Control Management	Control Management	View Control Object I Approval History	Control Object I
Control Management	Control Management	View Control Object I Assessment Approval History	Control Object I
Control Management	Control Management	View Control Object I Assessment Results	Control Object I
Control Management	Control Assessment	Add Attachments to a Completed Control Object J Assessment	Control Object J
Control Management	Control Assessment	Approve Control Object J Assessment	Control Object J

Navigation Entry	Activity	Privilege Name	Object
Control Management	Control Assessment	Complete Control Object J Assessment	Control Object J
Control Management	Control Assessment	Create Control Object J Adhoc Assessment	Control Object J
Control Management	Control Assessment	Create Issue for Control Object J Assessment	Control Object J
Control Management	Control Assessment	Review Control Object J Assessment	Control Object J
Control Management	Control Maintenance	Approve Control Object J Changes	Control Object J
Control Management	Control Maintenance	Create Control Object J	Control Object J
Control Management	Control Maintenance	Create Control Object J from Related Components	Control Object J
Control Management	Control Maintenance	Create Issue for Control Object J Definition	Control Object J
Control Management	Control Maintenance	Delete Control Object J	Control Object J
Control Management	Control Maintenance	Edit Control Object J	Control Object J
Control Management	Control Maintenance	Review Control Object J Changes	Control Object J
Control Management	Control Management	View Control Object J	Control Object J
Control Management	Control Management	View Control Object J Approval History	Control Object J
Control Management	Control Management	View Control Object J Assessment Approval History	Control Object J
Control Management	Control Management	View Control Object J Assessment Results	Control Object J
GRC Tools	Assessment Maintenance	Approve Assessment Plan Changes	Assessment Object
GRC Tools	Assessment Maintenance	Approve Assessment Template Changes	Assessment Object
GRC Tools	Assessment Maintenance	Close Assessments	Assessment Object
GRC Tools	Assessment Maintenance	Create Assessment Plan	Assessment Object
GRC Tools	Assessment Maintenance	Create Assessment Template	Assessment Object

Navigation Entry	Activity	Privilege Name	Object
GRC Tools	Assessment Maintenance	Delete Assessment Plan	Assessment Object
GRC Tools	Assessment Maintenance	Delete Assessment Template	Assessment Object
GRC Tools	Assessment Maintenance	Edit Assessment Due Date	Assessment Object
GRC Tools	Assessment Maintenance	Edit Assessment Plan	Assessment Object
GRC Tools	Assessment Maintenance	Edit Assessment Template	Assessment Object
GRC Tools	Assessment Maintenance	Initiate Assessments	Assessment Object
GRC Tools	Assessment Maintenance	Review Assessment Plan Changes	Assessment Object
GRC Tools	Assessment Maintenance	Review Assessment Template Changes	Assessment Object
GRC Tools	Assessment Management	Notify Participants of an Assessment	Assessment Object
GRC Tools	Assessment Management	View Assessment Plan	Assessment Object
GRC Tools	Assessment Management	View Assessment Plan Approval History	Assessment Object
GRC Tools	Assessment Management	View Assessment Template	Assessment Object
GRC Tools	Assessment Management	View Assessments	Assessment Object
GRC Tools	Assessment Management	View Template Approval History	Assessment Object
GRC Tools	Survey Maintenance	Approve Question Changes	Survey Object
GRC Tools	Survey Maintenance	Approve Survey Template Changes	Survey Object
GRC Tools	Survey Maintenance	Create Question	Survey Object
GRC Tools	Survey Maintenance	Create Question Choice Sets	Survey Object
GRC Tools	Survey Maintenance	Create Survey	Survey Object
GRC Tools	Survey Maintenance	Create Survey Template	Survey Object
GRC Tools	Survey Maintenance	Delete Survey	Survey Object
GRC Tools	Survey Maintenance	Delete Survey Template	Survey Object
GRC Tools	Survey Maintenance	Edit Question	Survey Object
GRC Tools	Survey Maintenance	Edit Question Choice Sets	Survey Object
GRC Tools	Survey Maintenance	Edit Survey	Survey Object
GRC Tools	Survey Maintenance	Edit Survey Template	Survey Object
GRC Tools	Survey Maintenance	Review Question Changes	Survey Object

Navigation Entry	Activity	Privilege Name	Object
GRC Tools	Survey Maintenance	Review Survey Template Changes	Survey Object
GRC Tools	Survey Management	Notify Survey Translators	Survey Object
GRC Tools	Survey Management	View Question Approval History	Survey Object
GRC Tools	Survey Management	View Question Choice Sets	Survey Object
GRC Tools	Survey Management	View Survey Questions	Survey Object
GRC Tools	Survey Management	View Survey Responses	Survey Object
GRC Tools	Survey Management	View Survey Template	Survey Object
GRC Tools	Survey Management	View Survey Template Approval History	Survey Object
GRC Tools	Survey Management	View Surveys	Survey Object
Issue Management	Issue Maintenance	Approve Issue Changes	Issue Object
Issue Management	Issue Maintenance	Close Issue	Issue Object
Issue Management	Issue Maintenance	Create Issue	Issue Object
Issue Management	Issue Maintenance	Delete Issue	Issue Object
Issue Management	Issue Maintenance	Edit Issue	Issue Object
Issue Management	Issue Maintenance	Review Issue Changes	Issue Object
Issue Management	Issue Maintenance	Validate Issue	Issue Object
Issue Management	Issue Management	Approve Issue Object A Changes	Issue Object
Issue Management	Issue Management	View Issue Approval History	Issue Object
Issue Management	Issue Management	View Issues	Issue Object
Issue Management	Issue Management	Close Issue Object A	Issue Object A
Issue Management	Issue Management	Create Issue Object A	Issue Object A
Issue Management	Issue Management	Delete Issue Object A	Issue Object A
Issue Management	Issue Management	Edit Issue Object A	Issue Object A
Issue Management	Issue Management	Review Issue Object A Changes	Issue Object A
Issue Management	Issue Management	Validate Issue Object A	Issue Object A
Issue Management	Issue Management	View Issue Object A Approval History	Issue Object A
Issue Management	Issue Management	View Issues Object A	Issue Object A
Issue Management	Issue Remediation Management	View Remediation Plan	Remediation Plan

Navigation Entry	Activity	Privilege Name	Object
Issue Management	Issue Remediation Management	View Remediation Plan Approval History	Remediation Plan
Issue Management	Remediation Plan Maintenance	Approve Remediation Plan Changes	Remediation Plan
Issue Management	Remediation Plan Maintenance	Complete Remediation Plan	Remediation Plan
Issue Management	Remediation Plan Maintenance	Complete Remediation Task	Remediation Plan
Issue Management	Remediation Plan Maintenance	Create Remediation Plan	Remediation Plan
Issue Management	Remediation Plan Maintenance	Delete Remediation Plan	Remediation Plan
Issue Management	Remediation Plan Maintenance	Edit Remediation Plan	Remediation Plan
Issue Management	Remediation Plan Maintenance	Review Remediation Plan Changes	Remediation Plan
Issue Management	Remediation Tasks	Create Remediation Task	Remediation Plan
Issue Management	Remediation Tasks	Edit Remediation Task	Remediation Plan
Perspective Management	Perspective Assessment	Complete Perspective Assessment	Perspective
Perspective Management	Perspective Assessment	Create Issue for Perspective Assessment	Perspective
Perspective Management	Perspective Assessment	Create Perspective Hierarchy Adhoc Assessment	Perspective
Perspective Management	Perspective Hierarchy Maintenance	Approve Perspective Hierarchy Changes	Perspective
Perspective Management	Perspective Hierarchy Maintenance	Create Issue for Perspective Hierarchy Definition	Perspective
Perspective Management	Perspective Hierarchy Maintenance	Create Perspective Hierarchy	Perspective
Perspective Management	Perspective Hierarchy Maintenance	Delete Perspective Hierarchy	Perspective
Perspective Management	Perspective Hierarchy Maintenance	Edit Perspective Hierarchy	Perspective
Perspective Management	Perspective Hierarchy Maintenance	Notify Participants within a Perspective Hierarchy	Perspective
Perspective Management	Perspective Hierarchy Maintenance	Review Perspective Hierarchy Changes	Perspective

Navigation Entry	Activity	Privilege Name	Object
Perspective Management	Perspective Hierarchy Management	View Perspective Hierarchy	Perspective
Perspective Management	Perspective Hierarchy Management	View Perspective Hierarchy Approval History	Perspective
Perspective Management	Perspective Item Maintenance	Approve Perspective item Changes	Perspective
Perspective Management	Perspective Item Maintenance	Create Issue for Perspective Item Definition	Perspective
Perspective Management	Perspective Item Maintenance	Create Perspective Item	Perspective
Perspective Management	Perspective Item Maintenance	Edit Perspective Item	Perspective
Perspective Management	Perspective Item Maintenance	Review Perspective Item Changes	Perspective
Perspective Management	Perspective Item Management	View Perspective Item	Perspective
Perspective Management	Perspective Item Management	View Perspective Item Approval History	Perspective
Perspective Management	Perspective Item Management	View Perspective Item Assessment Approval History	Perspective
Perspective Management	Perspective Management	View Perspective Assessment Results	Perspective
Process Management	Process Assessment	Add Attachments to a Completed Base Object A Assessment	Base Object A
Process Management	Process Assessment	Approve Base Object A Assessment	Base Object A
Process Management	Process Assessment	Complete Base Object A Assessment	Base Object A
Process Management	Process Assessment	Create Base Object A Adhoc Assessment	Base Object A
Process Management	Process Assessment	Create Issue for Base Object A Assessment	Base Object A
Process Management	Process Assessment	Review Base Object A Assessment	Base Object A
Process Management	Process Maintenance	Approve Base Object A Changes	Base Object A
Process Management	Process Maintenance	Complete Action Items for Base Object A	Base Object A
Process Management	Process Maintenance	Create Action Items for Base Object A	Base Object A

Navigation Entry	Activity	Privilege Name	Object
Process Management	Process Maintenance	Create Base Object A	Base Object A
Process Management	Process Maintenance	Create Issue for Base Object A Definition	Base Object A
Process Management	Process Maintenance	Delete Base Object A	Base Object A
Process Management	Process Maintenance	Edit Base Object A	Base Object A
Process Management	Process Maintenance	Review Base Object A Changes	Base Object A
Process Management	Process Management	View Base Object A	Base Object A
Process Management	Process Management	View Base Object A Approval History	Base Object A
Process Management	Process Management	View Base Object A Assessment Approval History	Base Object A
Process Management	Process Management	View Base Object A Assessment Results	Base Object A
Process Management	Process Assessment	Add Attachments to a Completed Base Object B Assessment	Base Object B
Process Management	Process Assessment	Approve Base Object B Assessment	Base Object B
Process Management	Process Assessment	Complete Base Object B Assessment	Base Object B
Process Management	Process Assessment	Create Base Object B Adhoc Assessment	Base Object B
Process Management	Process Assessment	Create Issue for Base Object B Assessment	Base Object B
Process Management	Process Assessment	Review Base Object B Assessment	Base Object B
Process Management	Process Maintenance	Approve Base Object B Changes	Base Object B
Process Management	Process Maintenance	Complete Action Items for Base Object B	Base Object B
Process Management	Process Maintenance	Create Action Items for Base Object B	Base Object B
Process Management	Process Maintenance	Create Base Object B	Base Object B
Process Management	Process Maintenance	Create Issue for Base Object B Definition	Base Object B
Process Management	Process Maintenance	Delete Base Object B	Base Object B

Navigation Entry	Activity	Privilege Name	Object
Process Management	Process Maintenance	Edit Base Object B	Base Object B
Process Management	Process Maintenance	Review Base Object B Changes	Base Object B
Process Management	Process Management	View Base Object B	Base Object B
Process Management	Process Management	View Base Object B Approval History	Base Object B
Process Management	Process Management	View Base Object B Assessment Approval History	Base Object B
Process Management	Process Management	View Base Object B Assessment Results	Base Object B
Process Management	Process Assessment	Add Attachments to a Completed Base Object C Assessment	Base Object C
Process Management	Process Assessment	Approve Base Object C Assessment	Base Object C
Process Management	Process Assessment	Complete Base Object C Assessment	Base Object C
Process Management	Process Assessment	Create Base Object C Adhoc Assessment	Base Object C
Process Management	Process Assessment	Create Issue for Base Object C Assessment	Base Object C
Process Management	Process Assessment	Review Base Object C Assessment	Base Object C
Process Management	Process Maintenance	Approve Base Object C Changes	Base Object C
Process Management	Process Maintenance	Complete Action Items for Base Object C	Base Object C
Process Management	Process Maintenance	Create Action Items for Base Object C	Base Object C
Process Management	Process Maintenance	Create Base Object C	Base Object C
Process Management	Process Maintenance	Create Issue for Base Object C Definition	Base Object C
Process Management	Process Maintenance	Delete Base Object C	Base Object C
Process Management	Process Maintenance	Edit Base Object C	Base Object C
Process Management	Process Maintenance	Review Base Object C Changes	Base Object C
Process Management	Process Management	View Base Object C	Base Object C

Navigation Entry	Activity	Privilege Name	Object
Process Management	Process Management	View Base Object C Approval History	Base Object C
Process Management	Process Management	View Base Object C Assessment Approval History	Base Object C
Process Management	Process Management	View Base Object C Assessment Results	Base Object C
Process Management	Process Assessment	Add Attachments to a Completed Base Object D Assessment	Base Object D
Process Management	Process Assessment	Approve Base Object D Assessment	Base Object D
Process Management	Process Assessment	Complete Base Object D Assessment	Base Object D
Process Management	Process Assessment	Create Base Object D Adhoc Assessment	Base Object D
Process Management	Process Assessment	Create Issue for Base Object D Assessment	Base Object D
Process Management	Process Assessment	Review Base Object D Assessment	Base Object D
Process Management	Process Maintenance	Approve Base Object D Changes	Base Object D
Process Management	Process Maintenance	Complete Action Items for Base Object D	Base Object D
Process Management	Process Maintenance	Create Action Items for Base Object D	Base Object D
Process Management	Process Maintenance	Create Base Object D	Base Object D
Process Management	Process Maintenance	Create Issue for Base Object D Definition	Base Object D
Process Management	Process Maintenance	Delete Base Object D	Base Object D
Process Management	Process Maintenance	Edit Base Object D	Base Object D
Process Management	Process Maintenance	Review Base Object D Changes	Base Object D
Process Management	Process Management	View Base Object D	Base Object D
Process Management	Process Management	View Base Object D Approval History	Base Object D
Process Management	Process Management	View Base Object D Assessment Approval History	Base Object D
Process Management	Process Management	View Base Object D Assessment Results	Base Object D

Navigation Entry	Activity	Privilege Name	Object
Process Management	Process Assessment	Add Attachments to a Completed Base Object E Assessment	Base Object E
Process Management	Process Assessment	Approve Base Object E Assessment	Base Object E
Process Management	Process Assessment	Complete Base Object E Assessment	Base Object E
Process Management	Process Assessment	Create Base Object E Adhoc Assessment	Base Object E
Process Management	Process Assessment	Create Issue for Base Object E Assessment	Base Object E
Process Management	Process Assessment	Review Base Object E Assessment	Base Object E
Process Management	Process Maintenance	Approve Base Object E Changes	Base Object E
Process Management	Process Maintenance	Complete Action Items for Base Object E	Base Object E
Process Management	Process Maintenance	Create Action Items for Base Object E	Base Object E
Process Management	Process Maintenance	Create Base Object E	Base Object E
Process Management	Process Maintenance	Create Issue for Base Object E Definition	Base Object E
Process Management	Process Maintenance	Delete Base Object E	Base Object E
Process Management	Process Maintenance	Edit Base Object E	Base Object E
Process Management	Process Maintenance	Review Base Object E Changes	Base Object E
Process Management	Process Management	View Base Object E	Base Object E
Process Management	Process Management	View Base Object E Approval History	Base Object E
Process Management	Process Management	View Base Object E Assessment Approval History	Base Object E
Process Management	Process Management	View Base Object E Assessment Results	Base Object E
Process Management	Process Assessment	Add Attachments to a Completed Base Object F Assessment	Base Object F
Process Management	Process Assessment	Approve Base Object F Assessment	Base Object F

Navigation Entry	Activity	Privilege Name	Object
Process Management	Process Assessment	Complete Base Object F Assessment	Base Object F
Process Management	Process Assessment	Create Base Object F Adhoc Assessment	Base Object F
Process Management	Process Assessment	Create Issue for Base Object F Assessment	Base Object F
Process Management	Process Assessment	Review Base Object F Assessment	Base Object F
Process Management	Process Maintenance	Approve Base Object F Changes	Base Object F
Process Management	Process Maintenance	Complete Action Items for Base Object F	Base Object F
Process Management	Process Maintenance	Create Action Items for Base Object F	Base Object F
Process Management	Process Maintenance	Create Base Object F	Base Object F
Process Management	Process Maintenance	Create Issue for Base Object F Definition	Base Object F
Process Management	Process Maintenance	Delete Base Object F	Base Object F
Process Management	Process Maintenance	Edit Base Object F	Base Object F
Process Management	Process Maintenance	Review Base Object F Changes	Base Object F
Process Management	Process Management	View Base Object F	Base Object F
Process Management	Process Management	View Base Object F Approval History	Base Object F
Process Management	Process Management	View Base Object F Assessment Approval History	Base Object F
Process Management	Process Management	View Base Object F Assessment Results	Base Object F
Process Management	Process Assessment	Add Attachments to a Completed Base Object G Assessment	Base Object G
Process Management	Process Assessment	Approve Base Object G Assessment	Base Object G
Process Management	Process Assessment	Complete Base Object G Assessment	Base Object G
Process Management	Process Assessment	Create Base Object G Adhoc Assessment	Base Object G

Navigation Entry	Activity	Privilege Name	Object
Process Management	Process Assessment	Create Issue for Base Object G Assessment	Base Object G
Process Management	Process Assessment	Review Base Object G Assessment	Base Object G
Process Management	Process Maintenance	Approve Base Object G Changes	Base Object G
Process Management	Process Maintenance	Complete Action Items for Base Object G	Base Object G
Process Management	Process Maintenance	Create Action Items for Base Object G	Base Object G
Process Management	Process Maintenance	Create Base Object G	Base Object G
Process Management	Process Maintenance	Create Issue for Base Object G Definition	Base Object G
Process Management	Process Maintenance	Delete Base Object G	Base Object G
Process Management	Process Maintenance	Edit Base Object G	Base Object G
Process Management	Process Maintenance	Review Base Object G Changes	Base Object G
Process Management	Process Management	View Base Object G	Base Object G
Process Management	Process Management	View Base Object G Approval History	Base Object G
Process Management	Process Management	View Base Object G Assessment Approval History	Base Object G
Process Management	Process Management	View Base Object G Assessment Results	Base Object G
Process Management	Process Assessment	Add Attachments to a Completed Process Assessment	Process
Process Management	Process Assessment	Approve Process Assessment	Process
Process Management	Process Assessment	Complete Process Assessment	Process
Process Management	Process Assessment	Create Issue for Process Assessment	Process
Process Management	Process Assessment	Create Process Adhoc Assessment	Process
Process Management	Process Assessment	Review Process Assessment	Process
Process Management	Process Maintenance	Approve Process Changes	Process
Process Management	Process Maintenance	Complete Action Items	Process

Navigation Entry	Activity	Privilege Name	Object
Process Management	Process Maintenance	Create Action Items	Process
Process Management	Process Maintenance	Create Issue for Process Definition	Process
Process Management	Process Maintenance	Create Process	Process
Process Management	Process Maintenance	Delete Process	Process
Process Management	Process Maintenance	Edit Process	Process
Process Management	Process Maintenance	Review Process Changes	Process
Process Management	Process Management	View Process	Process
Process Management	Process Management	View Process Approval History	Process
Process Management	Process Management	View Process Assessment Approval History	Process
Process Management	Process Management	View Process Assessment Results	Process
Report Center	Assessment Tools Reports	Run Assessment Details Report	Report
Report Center	Assessment Tools Reports	Run Compliance Status Report	Report
Report Center	Assessment Tools Reports	Run Control Assessment Details Report	Report
Report Center	Assessment Tools Reports	Run Control Assessment extract	Report
Report Center	Assessment Tools Reports	Run Control Assessment report	Report
Report Center	Control Management Reports	Run Control Details Report	Report
Report Center	Control Management Reports	Run Control Scope Report	Report
Report Center	GRC Administration Reports	Change History Report	Report
Report Center	GRC Administration Reports	Pending Activity Report	Report
Report Center	GRC Administration Reports	Worklist Items Requiring Reassignment	Report
Report Center	GRC Security Reports	Run Record Assignment Report	Report
Report Center	GRC Security Reports	Run Role Assignment Report	Report
Report Center	GRC Security Reports	Run Unassigned Data Privileges	Report

Navigation Entry	Activity	Privilege Name	Object
Report Center	GRC Security Reports	Run Unassigned Records Report	Report
Report Center	GRC Security Reports	Run Unassigned Security Perspectives - Records	Report
Report Center	Issues Manage Reports	Run Issue Details Report	Report
Report Center	Issues Manage Reports	Run Issue Listing Extract	Report
Report Center	Process Management Reports	Run Action Items Report	Report
Report Center	Process Management Reports	Run Process Assessment Extract	Report
Report Center	Risk Management Reports	Run Risk Control Matrix	Report
Report Center	Risk Management Reports	Run Risk Control Matrix Extract	Report
Risk Management	Consequence Maintenance	Approve Consequence Changes	Risk
Risk Management	Consequence Maintenance	Create Consequence	Risk
Risk Management	Consequence Maintenance	Delete Consequence	Risk
Risk Management	Consequence Maintenance	Edit Consequence	Risk
Risk Management	Consequence Maintenance	Review Consequence Changes	Risk
Risk Management	Consequence Management	View Consequence	Risk
Risk Management	Consequence Management	View Consequence Approval History	Risk
Risk Management	Event Maintenance	Approve Event Changes	Risk
Risk Management	Event Maintenance	Create Event	Risk
Risk Management	Event Maintenance	Delete Event	Risk
Risk Management	Event Maintenance	Edit Event	Risk
Risk Management	Event Maintenance	Review Event Changes	Risk
Risk Management	Event Management	View Event	Risk
Risk Management	Event Management	View Event Approval History	Risk
Risk Management	Propose Risk	Create New Risk from Proposed Risk	Risk
Risk Management	Propose Risk	Propose Risk from Risk Management	Risk

Navigation Entry	Activity	Privilege Name	Object
Risk Management	Propose Risk	Reject Proposed Risk	Risk
Risk Management	Propose Risk	Validate Proposed Risk	Risk
Risk Management	Propose Risk	View Proposed Risk	Risk
Risk Management	Risk Analysis	Complete Risk Analysis	Risk
Risk Management	Risk Analysis	Create Issue for Risk Analysis	Risk
Risk Management	Risk Analysis	Create Risk Analysis	Risk
Risk Management	Risk Analysis	Edit Risk Analysis	Risk
Risk Management	Risk Analysis	Manage Impact Models for Risk	Risk
Risk Management	Risk Analysis	Manage Likelihood Models for Risk	Risk
Risk Management	Risk Analysis	Manage Risk Analysis Model	Risk
Risk Management	Risk Analysis	View Impact Models for Risk	Risk
Risk Management	Risk Analysis	View Likelihood Models for Risk	Risk
Risk Management	Risk Analysis	View Risk Analysis Model	Risk
Risk Management	Risk Assessment	Add Attachments to a Completed Risk Assessment	Risk
Risk Management	Risk Assessment	Approve Risk Assessment	Risk
Risk Management	Risk Assessment	Complete Risk Assessment	Risk
Risk Management	Risk Assessment	Create Issue for Risk Assessment	Risk
Risk Management	Risk Assessment	Create Risk Adhoc Assessment	Risk
Risk Management	Risk Assessment	Review Risk Assessment	Risk
Risk Management	Risk Evaluation	Complete Risk Evaluation	Risk
Risk Management	Risk Evaluation	Create Issue for Risk Evaluation	Risk
Risk Management	Risk Evaluation	Create Risk Evaluation	Risk
Risk Management	Risk Evaluation	Edit Risk Evaluation	Risk
Risk Management	Risk Evaluation	Manage Context Models for Risk	Risk
Risk Management	Risk Evaluation	Manage Significance Models for Risk	Risk
Risk Management	Risk Evaluation	View Context Models for Risk	Risk

Navigation Entry	Activity	Privilege Name	Object
Risk Management	Risk Evaluation	View Significance Models for Risk	Risk
Risk Management	Risk Maintenance	Approve Risk Changes	Risk
Risk Management	Risk Maintenance	Create Issue for Risk Definition	Risk
Risk Management	Risk Maintenance	Create Risk	Risk
Risk Management	Risk Maintenance	Create Risk from Related Components	Risk
Risk Management	Risk Maintenance	Delete Risk	Risk
Risk Management	Risk Maintenance	Edit Risk	Risk
Risk Management	Risk Maintenance	Review Risk Changes	Risk
Risk Management	Risk Management	View Risk	Risk
Risk Management	Risk Management	View Risk Approval History	Risk
Risk Management	Risk Management	View Risk Assessment Approval History	Risk
Risk Management	Risk Management	View Risk Assessment Results	Risk
Risk Management	Risk Treatment	Create Issue for Risk Treatment	Risk
Risk Management	Risk Treatment	Create Treatment Plan for Risk	Risk
Risk Management	Risk Treatment	Edit Treatment Plan for Risk	Risk
Risk Management	Risk Analysis	Complete Risk Object A Analysis	Risk Object A
Risk Management	Risk Analysis	Create Issue for Risk Object A Analysis	Risk Object A
Risk Management	Risk Analysis	Create Risk Object A Analysis	Risk Object A
Risk Management	Risk Analysis	Edit Risk Object A Analysis	Risk Object A
Risk Management	Risk Assessment	Add Attachments to a Completed Risk Object A Assessment	Risk Object A
Risk Management	Risk Assessment	Approve Risk Object A Assessment	Risk Object A
Risk Management	Risk Assessment	Complete Risk Object A Assessment	Risk Object A
Risk Management	Risk Assessment	Create Issue for Risk Object A Assessment	Risk Object A

Navigation Entry	Activity	Privilege Name	Object
Risk Management	Risk Assessment	Create Risk Object A Adhoc Assessment	Risk Object A
Risk Management	Risk Assessment	Review Risk Object A Assessment	Risk Object A
Risk Management	Risk Evaluation	Complete Risk Object A Evaluation	Risk Object A
Risk Management	Risk Evaluation	Create Issue for Risk Object A Evaluation	Risk Object A
Risk Management	Risk Evaluation	Create Risk Object A Evaluation	Risk Object A
Risk Management	Risk Evaluation	Edit Risk Object A Evaluation	Risk Object A
Risk Management	Risk Maintenance	Approve Risk Object A Changes	Risk Object A
Risk Management	Risk Maintenance	Create Issue for Risk Object A Definition	Risk Object A
Risk Management	Risk Maintenance	Create Risk Object A	Risk Object A
Risk Management	Risk Maintenance	Create Risk Object A from Related Components	Risk Object A
Risk Management	Risk Maintenance	Delete Risk Object A	Risk Object A
Risk Management	Risk Maintenance	Edit Risk Object A	Risk Object A
Risk Management	Risk Maintenance	Review Risk Object A Changes	Risk Object A
Risk Management	Risk Management	View Risk Object A	Risk Object A
Risk Management	Risk Management	View Risk Object A Approval History	Risk Object A
Risk Management	Risk Management	View Risk Object A Assessment Approval History	Risk Object A
Risk Management	Risk Management	View Risk Object A Assessment Results	Risk Object A
Risk Management	Risk Treatment	Create Issue for Risk Object A Treatment	Risk Object A
Risk Management	Risk Treatment	Create Treatment Plan for Risk Object A	Risk Object A
Risk Management	Risk Treatment	Edit Treatment Plan for Risk Object A	Risk Object A
Risk Management	Risk Analysis	Complete Risk Object B Analysis	Risk Object B
Risk Management	Risk Analysis	Create Issue for Risk Object B Analysis	Risk Object B
Risk Management	Risk Analysis	Create Risk Object B Analysis	Risk Object B

Navigation Entry	Activity	Privilege Name	Object
Risk Management	Risk Analysis	Edit Risk Object B Analysis	Risk Object B
Risk Management	Risk Assessment	Add Attachments to a Completed Risk Object B Assessment	Risk Object B
Risk Management	Risk Assessment	Approve Risk Object B Assessment	Risk Object B
Risk Management	Risk Assessment	Complete Risk Object B Assessment	Risk Object B
Risk Management	Risk Assessment	Create Issue for Risk Object B Assessment	Risk Object B
Risk Management	Risk Assessment	Create Risk Object B Adhoc Assessment	Risk Object B
Risk Management	Risk Assessment	Review Risk Object B Assessment	Risk Object B
Risk Management	Risk Evaluation	Complete Risk Object B Evaluation	Risk Object B
Risk Management	Risk Evaluation	Create Issue for Risk Object B Evaluation	Risk Object B
Risk Management	Risk Evaluation	Create Risk Object B Evaluation	Risk Object B
Risk Management	Risk Evaluation	Edit Risk Object B Evaluation	Risk Object B
Risk Management	Risk Maintenance	Approve Risk Object B Changes	Risk Object B
Risk Management	Risk Maintenance	Create Issue for Risk Object B Definition	Risk Object B
Risk Management	Risk Maintenance	Create Risk Object B	Risk Object B
Risk Management	Risk Maintenance	Create Risk Object B from Related Components	Risk Object B
Risk Management	Risk Maintenance	Delete Risk Object B	Risk Object B
Risk Management	Risk Maintenance	Edit Risk Object B	Risk Object B
Risk Management	Risk Maintenance	Review Risk Object B Changes	Risk Object B
Risk Management	Risk Management	View Risk Object B	Risk Object B
Risk Management	Risk Management	View Risk Object B Approval History	Risk Object B
Risk Management	Risk Management	View Risk Object B Assessment Approval History	Risk Object B
Risk Management	Risk Management	View Risk Object B Assessment Results	Risk Object B

Navigation Entry	Activity	Privilege Name	Object
Risk Management	Risk Treatment	Create Issue for Risk Object B Treatment	Risk Object B
Risk Management	Risk Treatment	Create Treatment Plan for Risk Object B	Risk Object B
Risk Management	Risk Treatment	Edit Treatment Plan for Risk Object B	Risk Object B
Risk Management	Risk Analysis	Complete Risk Object C Analysis	Risk Object C
Risk Management	Risk Analysis	Create Issue for Risk Object C Analysis	Risk Object C
Risk Management	Risk Analysis	Create Risk Object C Analysis	Risk Object C
Risk Management	Risk Analysis	Edit Risk Object C Analysis	Risk Object C
Risk Management	Risk Assessment	Add Attachments to a Completed Risk Object C Assessment	Risk Object C
Risk Management	Risk Assessment	Approve Risk Object C Assessment	Risk Object C
Risk Management	Risk Assessment	Complete Risk Object C Assessment	Risk Object C
Risk Management	Risk Assessment	Create Issue for Risk Object C Assessment	Risk Object C
Risk Management	Risk Assessment	Create Risk Object C Adhoc Assessment	Risk Object C
Risk Management	Risk Assessment	Review Risk Object C Assessment	Risk Object C
Risk Management	Risk Evaluation	Complete Risk Object C Evaluation	Risk Object C
Risk Management	Risk Evaluation	Create Issue for Risk Object C Evaluation	Risk Object C
Risk Management	Risk Evaluation	Create Risk Object C Evaluation	Risk Object C
Risk Management	Risk Evaluation	Edit Risk Object C Evaluation	Risk Object C
Risk Management	Risk Maintenance	Approve Risk Object C Changes	Risk Object C
Risk Management	Risk Maintenance	Create Issue for Risk Object C Definition	Risk Object C
Risk Management	Risk Maintenance	Create Risk Object C	Risk Object C

Navigation Entry	Activity	Privilege Name	Object
Risk Management	Risk Maintenance	Create Risk Object C from Related Components	Risk Object C
Risk Management	Risk Maintenance	Delete Risk Object C	Risk Object C
Risk Management	Risk Maintenance	Edit Risk Object C	Risk Object C
Risk Management	Risk Maintenance	Review Risk Object C Changes	Risk Object C
Risk Management	Risk Management	View Risk Object C	Risk Object C
Risk Management	Risk Management	View Risk Object C Approval History	Risk Object C
Risk Management	Risk Management	View Risk Object C Assessment Approval History	Risk Object C
Risk Management	Risk Management	View Risk Object C Assessment Results	Risk Object C
Risk Management	Risk Treatment	Create Issue for Risk Object C Treatment	Risk Object C
Risk Management	Risk Treatment	Create Treatment Plan for Risk Object C	Risk Object C
Risk Management	Risk Treatment	Edit Treatment Plan for Risk Object C	Risk Object C
Risk Management	Risk Analysis	Complete Risk Object D Analysis	Risk Object D
Risk Management	Risk Analysis	Create Issue for Risk Object D Analysis	Risk Object D
Risk Management	Risk Analysis	Create Risk Object D Analysis	Risk Object D
Risk Management	Risk Analysis	Edit Risk Object D Analysis	Risk Object D
Risk Management	Risk Assessment	Add Attachments to a Completed Risk Object D Assessment	Risk Object D
Risk Management	Risk Assessment	Approve Risk Object D Assessment	Risk Object D
Risk Management	Risk Assessment	Complete Risk Object D Assessment	Risk Object D
Risk Management	Risk Assessment	Create Issue for Risk Object D Assessment	Risk Object D
Risk Management	Risk Assessment	Create Risk Object D Adhoc Assessment	Risk Object D
Risk Management	Risk Assessment	Review Risk Object D Assessment	Risk Object D
Risk Management	Risk Evaluation	Complete Risk Object D Evaluation	Risk Object D

Navigation Entry	Activity	Privilege Name	Object
Risk Management	Risk Evaluation	Create Issue for Risk Object D Evaluation	Risk Object D
Risk Management	Risk Evaluation	Create Risk Object D Evaluation	Risk Object D
Risk Management	Risk Evaluation	Edit Risk Object D Evaluation	Risk Object D
Risk Management	Risk Maintenance	Approve Risk Object D Changes	Risk Object D
Risk Management	Risk Maintenance	Create Issue for Risk Object D Definition	Risk Object D
Risk Management	Risk Maintenance	Create Risk Object D	Risk Object D
Risk Management	Risk Maintenance	Create Risk Object D from Related Components	Risk Object D
Risk Management	Risk Maintenance	Delete Risk Object D	Risk Object D
Risk Management	Risk Maintenance	Edit Risk Object D	Risk Object D
Risk Management	Risk Maintenance	Review Risk Object D Changes	Risk Object D
Risk Management	Risk Management	View Risk Object D	Risk Object D
Risk Management	Risk Management	View Risk Object D Approval History	Risk Object D
Risk Management	Risk Management	View Risk Object D Assessment Approval History	Risk Object D
Risk Management	Risk Management	View Risk Object D Assessment Results	Risk Object D
Risk Management	Risk Treatment	Create Issue for Risk Object D Treatment	Risk Object D
Risk Management	Risk Treatment	Create Treatment Plan for Risk Object D	Risk Object D
Risk Management	Risk Treatment	Edit Treatment Plan for Risk Object D	Risk Object D
Risk Management	Risk Analysis	Complete Risk Object E Analysis	Risk Object E
Risk Management	Risk Analysis	Create Issue for Risk Object E Analysis	Risk Object E
Risk Management	Risk Analysis	Create Risk Object E Analysis	Risk Object E
Risk Management	Risk Analysis	Edit Risk Object E Analysis	Risk Object E
Risk Management	Risk Assessment	Add Attachments to a Completed Risk Object E Assessment	Risk Object E
Risk Management	Risk Assessment	Approve Risk Object E Assessment	Risk Object E

Navigation Entry	Activity	Privilege Name	Object
Risk Management	Risk Assessment	Complete Risk Object E Assessment	Risk Object E
Risk Management	Risk Assessment	Create Issue for Risk Object E Assessment	Risk Object E
Risk Management	Risk Assessment	Create Risk Object E Adhoc Assessment	Risk Object E
Risk Management	Risk Assessment	Review Risk Object E Assessment	Risk Object E
Risk Management	Risk Evaluation	Complete Risk Object E Evaluation	Risk Object E
Risk Management	Risk Evaluation	Create Issue for Risk Object E Evaluation	Risk Object E
Risk Management	Risk Evaluation	Create Risk Object E Evaluation	Risk Object E
Risk Management	Risk Evaluation	Edit Risk Object E Evaluation	Risk Object E
Risk Management	Risk Maintenance	Approve Risk Object E Changes	Risk Object E
Risk Management	Risk Maintenance	Create Issue for Risk Object E Definition	Risk Object E
Risk Management	Risk Maintenance	Create Risk Object E	Risk Object E
Risk Management	Risk Maintenance	Create Risk Object E from Related Components	Risk Object E
Risk Management	Risk Maintenance	Delete Risk Object E	Risk Object E
Risk Management	Risk Maintenance	Edit Risk Object E	Risk Object E
Risk Management	Risk Maintenance	Review Risk Object E Changes	Risk Object E
Risk Management	Risk Management	View Risk Object E	Risk Object E
Risk Management	Risk Management	View Risk Object E Approval History	Risk Object E
Risk Management	Risk Management	View Risk Object E Assessment Approval History	Risk Object E
Risk Management	Risk Management	View Risk Object E Assessment Results	Risk Object E
Risk Management	Risk Treatment	Create Issue for Risk Object E Treatment	Risk Object E
Risk Management	Risk Treatment	Create Treatment Plan for Risk Object E	Risk Object E
Risk Management	Risk Treatment	Edit Treatment Plan for Risk Object E	Risk Object E
Risk Management	Risk Analysis	Complete Risk Object F Analysis	Risk Object F

Navigation Entry	Activity	Privilege Name	Object
Risk Management	Risk Analysis	Create Issue for Risk Object F Analysis	Risk Object F
Risk Management	Risk Analysis	Create Risk Object F Analysis	Risk Object F
Risk Management	Risk Analysis	Edit Risk Object F Analysis	Risk Object F
Risk Management	Risk Assessment	Add Attachments to a Completed Risk Object F Assessment	Risk Object F
Risk Management	Risk Assessment	Approve Risk Object F Assessment	Risk Object F
Risk Management	Risk Assessment	Complete Risk Object F Assessment	Risk Object F
Risk Management	Risk Assessment	Create Issue for Risk Object F Assessment	Risk Object F
Risk Management	Risk Assessment	Create Risk Object F Adhoc Assessment	Risk Object F
Risk Management	Risk Assessment	Review Risk Object F Assessment	Risk Object F
Risk Management	Risk Evaluation	Complete Risk Object F Evaluation	Risk Object F
Risk Management	Risk Evaluation	Create Issue for Risk Object F Evaluation	Risk Object F
Risk Management	Risk Evaluation	Create Risk Object F Evaluation	Risk Object F
Risk Management	Risk Evaluation	Edit Risk Object F Evaluation	Risk Object F
Risk Management	Risk Maintenance	Approve Risk Object F Changes	Risk Object F
Risk Management	Risk Maintenance	Create Issue for Risk Object F Definition	Risk Object F
Risk Management	Risk Maintenance	Create Risk Object F	Risk Object F
Risk Management	Risk Maintenance	Create Risk Object F from Related Components	Risk Object F
Risk Management	Risk Maintenance	Delete Risk Object F	Risk Object F
Risk Management	Risk Maintenance	Edit Risk Object F	Risk Object F
Risk Management	Risk Maintenance	Review Risk Object F Changes	Risk Object F
Risk Management	Risk Management	View Risk Object F	Risk Object F
Risk Management	Risk Management	View Risk Object F Approval History	Risk Object F
Risk Management	Risk Management	View Risk Object F Assessment Approval History	Risk Object F

Navigation Entry	Activity	Privilege Name	Object
Risk Management	Risk Management	View Risk Object F Assessment Results	Risk Object F
Risk Management	Risk Treatment	Create Issue for Risk Object F Treatment	Risk Object F
Risk Management	Risk Treatment	Create Treatment Plan for Risk Object F	Risk Object F
Risk Management	Risk Treatment	Edit Treatment Plan for Risk Object F	Risk Object F
Risk Management	Risk Analysis	Complete Risk Object G Analysis	Risk Object G
Risk Management	Risk Analysis	Create Issue for Risk Object G Analysis	Risk Object G
Risk Management	Risk Analysis	Create Risk Object G Analysis	Risk Object G
Risk Management	Risk Analysis	Edit Risk Object G Analysis	Risk Object G
Risk Management	Risk Assessment	Add Attachments to a Completed Risk Object G Assessment	Risk Object G
Risk Management	Risk Assessment	Approve Risk Object G Assessment	Risk Object G
Risk Management	Risk Assessment	Complete Risk Object G Assessment	Risk Object G
Risk Management	Risk Assessment	Create Issue for Risk Object G Assessment	Risk Object G
Risk Management	Risk Assessment	Create Risk Object G Adhoc Assessment	Risk Object G
Risk Management	Risk Assessment	Review Risk Object G Assessment	Risk Object G
Risk Management	Risk Evaluation	Complete Risk Object G Evaluation	Risk Object G
Risk Management	Risk Evaluation	Create Issue for Risk Object G Evaluation	Risk Object G
Risk Management	Risk Evaluation	Create Risk Object G Evaluation	Risk Object G
Risk Management	Risk Evaluation	Edit Risk Object G Evaluation	Risk Object G
Risk Management	Risk Maintenance	Approve Risk Object G Changes	Risk Object G
Risk Management	Risk Maintenance	Create Issue for Risk Object G Definition	Risk Object G
Risk Management	Risk Maintenance	Create Risk Object G	Risk Object G

Navigation Entry	Activity	Privilege Name	Object
Risk Management	Risk Maintenance	Create Risk Object G from Related Components	Risk Object G
Risk Management	Risk Maintenance	Delete Risk Object G	Risk Object G
Risk Management	Risk Maintenance	Edit Risk Object G	Risk Object G
Risk Management	Risk Maintenance	Review Risk Object G Changes	Risk Object G
Risk Management	Risk Management	View Risk Object G	Risk Object G
Risk Management	Risk Management	View Risk Object G Approval History	Risk Object G
Risk Management	Risk Management	View Risk Object G Assessment Approval History	Risk Object G
Risk Management	Risk Management	View Risk Object G Assessment Results	Risk Object G
Risk Management	Risk Treatment	Create Issue for Risk Object G Treatment	Risk Object G
Risk Management	Risk Treatment	Create Treatment Plan for Risk Object G	Risk Object G
Risk Management	Risk Treatment	Edit Treatment Plan for Risk Object G	Risk Object G
Risk Management	Risk Analysis	Complete Risk Object H Analysis	Risk Object H
Risk Management	Risk Analysis	Create Issue for Risk Object H Analysis	Risk Object H
Risk Management	Risk Analysis	Create Risk Object H Analysis	Risk Object H
Risk Management	Risk Analysis	Edit Risk Object H Analysis	Risk Object H
Risk Management	Risk Assessment	Add Attachments to a Completed Risk Object H Assessment	Risk Object H
Risk Management	Risk Assessment	Approve Risk Object H Assessment	Risk Object H
Risk Management	Risk Assessment	Complete Risk Object H Assessment	Risk Object H
Risk Management	Risk Assessment	Create Issue for Risk Object H Assessment	Risk Object H
Risk Management	Risk Assessment	Create Risk Object H Adhoc Assessment	Risk Object H
Risk Management	Risk Assessment	Review Risk Object H Assessment	Risk Object H
Risk Management	Risk Evaluation	Complete Risk Object H Evaluation	Risk Object H

Navigation Entry	Activity	Privilege Name	Object
Risk Management	Risk Evaluation	Create Issue for Risk Object H Evaluation	Risk Object H
Risk Management	Risk Evaluation	Create Risk Object H Evaluation	Risk Object H
Risk Management	Risk Evaluation	Edit Risk Object H Evaluation	Risk Object H
Risk Management	Risk Maintenance	Approve Risk Object H Changes	Risk Object H
Risk Management	Risk Maintenance	Create Issue for Risk Object H Definition	Risk Object H
Risk Management	Risk Maintenance	Create Risk Object H	Risk Object H
Risk Management	Risk Maintenance	Create Risk Object H from Related Components	Risk Object H
Risk Management	Risk Maintenance	Delete Risk Object H	Risk Object H
Risk Management	Risk Maintenance	Edit Risk Object H	Risk Object H
Risk Management	Risk Maintenance	Review Risk Object H Changes	Risk Object H
Risk Management	Risk Management	View Risk Object H	Risk Object H
Risk Management	Risk Management	View Risk Object H Approval History	Risk Object H
Risk Management	Risk Management	View Risk Object H Assessment Approval History	Risk Object H
Risk Management	Risk Management	View Risk Object H Assessment Results	Risk Object H
Risk Management	Risk Treatment	Create Issue for Risk Object H Treatment	Risk Object H
Risk Management	Risk Treatment	Create Treatment Plan for Risk Object H	Risk Object H
Risk Management	Risk Treatment	Edit Treatment Plan for Risk Object H	Risk Object H
Risk Management	Risk Analysis	Complete Risk Object I Analysis	Risk Object I
Risk Management	Risk Analysis	Create Issue for Risk Object I Analysis	Risk Object I
Risk Management	Risk Analysis	Create Risk Object I Analysis	Risk Object I
Risk Management	Risk Analysis	Edit Risk Object I Analysis	Risk Object I
Risk Management	Risk Assessment	Add Attachments to a Completed Risk Object I Assessment	Risk Object I
Risk Management	Risk Assessment	Approve Risk Object I Assessment	Risk Object I

Navigation Entry	Activity	Privilege Name	Object
Risk Management	Risk Assessment	Complete Risk Object I Assessment	Risk Object I
Risk Management	Risk Assessment	Create Issue for Risk Object I Assessment	Risk Object I
Risk Management	Risk Assessment	Create Risk Object I Adhoc Assessment	Risk Object I
Risk Management	Risk Assessment	Review Risk Object I Assessment	Risk Object I
Risk Management	Risk Evaluation	Complete Risk Object I Evaluation	Risk Object I
Risk Management	Risk Evaluation	Create Issue for Risk Object I Evaluation	Risk Object I
Risk Management	Risk Evaluation	Create Risk Object I Evaluation	Risk Object I
Risk Management	Risk Evaluation	Edit Risk Object I Evaluation	Risk Object I
Risk Management	Risk Maintenance	Approve Risk Object I Changes	Risk Object I
Risk Management	Risk Maintenance	Create Issue for Risk Object I Definition	Risk Object I
Risk Management	Risk Maintenance	Create Risk Object I	Risk Object I
Risk Management	Risk Maintenance	Create Risk Object I from Related Components	Risk Object I
Risk Management	Risk Maintenance	Delete Risk Object I	Risk Object I
Risk Management	Risk Maintenance	Edit Risk Object I	Risk Object I
Risk Management	Risk Maintenance	Review Risk Object I Changes	Risk Object I
Risk Management	Risk Management	View Risk Object I	Risk Object I
Risk Management	Risk Management	View Risk Object I Approval History	Risk Object I
Risk Management	Risk Management	View Risk Object I Assessment Approval History	Risk Object I
Risk Management	Risk Management	View Risk Object I Assessment Results	Risk Object I
Risk Management	Risk Treatment	Create Issue for Risk Object I Treatment	Risk Object I
Risk Management	Risk Treatment	Create Treatment Plan for Risk Object I	Risk Object I
Risk Management	Risk Treatment	Edit Treatment Plan for Risk Object I	Risk Object I
Risk Management	Risk Analysis	Complete Risk Object J Analysis	Risk Object J

Navigation Entry	Activity	Privilege Name	Object
Risk Management	Risk Analysis	Create Issue for Risk Object J Analysis	Risk Object J
Risk Management	Risk Analysis	Create Risk Object J Analysis	Risk Object J
Risk Management	Risk Analysis	Edit Risk Object J Analysis	Risk Object J
Risk Management	Risk Assessment	Add Attachments to a Completed Risk Object J Assessment	Risk Object J
Risk Management	Risk Assessment	Approve Risk Object J Assessment	Risk Object J
Risk Management	Risk Assessment	Complete Risk Object J Assessment	Risk Object J
Risk Management	Risk Assessment	Create Issue for Risk Object J Assessment	Risk Object J
Risk Management	Risk Assessment	Create Risk Object J Adhoc Assessment	Risk Object J
Risk Management	Risk Assessment	Review Risk Object J Assessment	Risk Object J
Risk Management	Risk Evaluation	Complete Risk Object J Evaluation	Risk Object J
Risk Management	Risk Evaluation	Create Issue for Risk Object J Evaluation	Risk Object J
Risk Management	Risk Evaluation	Create Risk Object J Evaluation	Risk Object J
Risk Management	Risk Evaluation	Edit Risk Object J Evaluation	Risk Object J
Risk Management	Risk Maintenance	Approve Risk Object J Changes	Risk Object J
Risk Management	Risk Maintenance	Create Issue for Risk Object J Definition	Risk Object J
Risk Management	Risk Maintenance	Create Risk Object J	Risk Object J
Risk Management	Risk Maintenance	Create Risk Object J from Related Components	Risk Object J
Risk Management	Risk Maintenance	Delete Risk Object J	Risk Object J
Risk Management	Risk Maintenance	Edit Risk Object J	Risk Object J
Risk Management	Risk Maintenance	Review Risk Object J Changes	Risk Object J
Risk Management	Risk Management	View Risk Object J	Risk Object J
Risk Management	Risk Management	View Risk Object J Approval History	Risk Object J
Risk Management	Risk Management	View Risk Object J Assessment Approval History	Risk Object J

Navigation Entry	Activity	Privilege Name	Object
Risk Management	Risk Management	View Risk Object J Assessment Results	Risk Object J
Risk Management	Risk Treatment	Create Issue for Risk Object J Treatment	Risk Object J
Risk Management	Risk Treatment	Create Treatment Plan for Risk Object J	Risk Object J
Risk Management	Risk Treatment	Edit Treatment Plan for Risk Object J	Risk Object J
Setup and Administration	Application Administration	Maintain Installation Options	
Setup and Administration	Application Administration	Manage Application Configuration	
Setup and Administration	Application Administration	Manage Assessment Results	
Setup and Administration	Application Administration	Manage Content Types	
Setup and Administration	Application Administration	Manage Data Synchronization Parameters	
Setup and Administration	Application Administration	Manage Lookup Tables	
Setup and Administration	Application Administration	Manage URL Repositories	
Setup and Administration	Application Administration	Manage Value Sets	
Setup and Administration	Application Administration	Reassign Worklist	
Setup and Administration	Module Management	Create Import Template	
Setup and Administration	Module Management	Create Module	
Setup and Administration	Module Management	Create User Defined Attributes	
Setup and Administration	Module Management	Edit Module	
Setup and Administration	Module Management	Edit Object Configuration for a Module	
Setup and Administration	Module Management	Edit Perspectives for a Module	
Setup and Administration	Module Management	Edit User Defined Attributes	
Setup and Administration	Module Management	Import Data File	
Setup and Administration	Module Management	View Module	
Setup and Administration	Module Management	View Object Configuration for a Module	

Navigation Entry	Activity	Privilege Name	Object
Setup and Administration	Module Management	View Perspectives for a Module	
Setup and Administration	Module Management	View User Defined Attributes	
Setup and Administration	Security Administration	Create Data Role	
Setup and Administration	Security Administration	Create Duty Role	
Setup and Administration	Security Administration	Create Job Role	
Setup and Administration	Security Administration	Create User	
Setup and Administration	Security Administration	Edit Data Role	
Setup and Administration	Security Administration	Edit Duty Role	
Setup and Administration	Security Administration	Edit Job Role	
Setup and Administration	Security Administration	Edit User	
Setup and Administration	Security Administration	Import Users from LDAP	
Setup and Administration	Security Administration	View Data Role	
Setup and Administration	Security Administration	View Duty Role	
Setup and Administration	Security Administration	View Job Role	
Setup and Administration	Security Administration	View User	
Welcome	Analytics	View Assessment Status Overview graph	
Welcome	Analytics	View Base Object Action Item Status graph	
Welcome	Analytics	View Base Object Issue Status graph	
Welcome	Analytics	View Base Object Overdue Assessment Status graph	
Welcome	Analytics	View Compliance Status Overview graph	
Welcome	Analytics	View Control Assessment Status Overview graph	
Welcome	Analytics	View Control Trend by Cost graph	
Welcome	Analytics	View Control Trend by Count graph	

Navigation Entry	Activity	Privilege Name	Object
Welcome	Analytics	View Issue Counts by Status and Likelihood graph	
Welcome	Analytics	View Issue Overview graph	
Welcome	Analytics	View Open Issues by Business Entity graph	
Welcome	Analytics	View Open Issues by Severity graph	
Welcome	Analytics	View Over Due Remediation Plans graph	
Welcome	Analytics	View Quick View	
Welcome	Analytics	View Remediation Plans by Percent Complete	
Welcome	Analytics	View Risk Count by Context graph	
Welcome	Analytics	View Risk Count by Significance graph	
Welcome	Analytics	View Risk Overview by Context graph	
Welcome	Analytics	View Risk Significance by Context graph	
Welcome	Welcome Dashboard	Complete Assessment from GRC Dashboard	
Welcome	Welcome Dashboard	Complete Survey	
Welcome	Welcome Dashboard	GRC Application Log in	
Welcome	Welcome Dashboard	Manage User Preferences	
Welcome	Welcome Dashboard	Propose Risk from GRC Dashboard	

List of Delivered Duty Roles

The following table contains all the seeded duty roles.

Duty Name	Description	Privilege
Financial Governance Access	Access to the Financial Governance module	Display Financial Governance in the Navigator
GRC Dashboard Access	Access to the GRC welcome dashboard	GRC Application Log in Manage User Preferences

Duty Name	Description	Privilege
Assessment Management		
Approve Assessment	Approve changes to Assessment template and plans	Approve Assessment Plan Changes Approve Assessment Template Changes
Assessment Analytics	View the control graphs within the Analytics tab	View Assessment Status Overview graph View Compliance Status Overview graph
Assessment Management	Maintain assessment templates, plans and initiated Assessments	Close Assessments Edit Assessment Due Date Edit Assessment Plan Edit Assessment Template Initiate Assessments Notify Participants of an Assessment
Assessment Reporting	Run Assessment Reports	Run Assessment Details Report Run Compliance Status Report Run Control Assessment Details Report Run Control Assessment extract Run Control Assessment report
Assessment Viewing	View Assessment templates, plans and initiated assessments	View Assessment Plan View Assessment Plan Approval History View Assessment Template View Assessments View Template Approval History
Create New Assessment	Create assessment templates, plans and initiated Assessments	Create Assessment Plan Create Assessment Template Delete Assessment Plan Delete Assessment Template
Review Assessment	Review changes to Assessment templates and plans	Review Assessment Plan Changes Review Assessment Template Changes
Control Management		
Approve Control	Approve changes to Controls	Approve Control Changes
Approve Control Assessment	Approve completed assessments for Controls	Add Attachments to a Completed Control Assessment Approve Control Assessment

Duty Name	Description	Privilege
Complete Control Assessment	Complete the assessment activity for Controls	Complete Assessment from GRC Dashboard
		Complete Control Assessment
Control Analytics	View the control graphs within the Analytics tab	View Control Assessment Status Overview graph
		View Control Trend by Cost graph
		View Control Trend by Count graph
Control Assessment Result Viewing	View assessment results for control	View Control Assessment Results
Control Management	Maintain Control data	Create Control Adhoc Assessment
		Create Control from Related Components
		Edit Control
		Run Control Details Report
		Run Control Scope Report
Control Reporting	Run Control reports	Run Control Details Report
		Run Control Scope Report
Control Viewing	View Controls	View Control
		View Control Approval History
		View Control Assessment Approval History
Create Issue for Control Assessments	Create Issue action for Control Assessments	Create Issue for Control Assessment
Create Issue for Control within Control Management	Create Issue action for Control within Control Management	Create Issue for Control Definition
Create New Control	Create Control data	Create Control
		Delete Control
Review Control	Review changes to Controls	Review Control Changes
Review Control Assessment	Review completed assessment for Controls	Add Attachments to a Completed Control Assessment
		Review Control Assessment
Issue Management		
Approve Issue	Approve changes to Issues	Approve Issue Changes
Approve Remediation Plans	Approve changes to Remediation Plans	Approve Issue Changes
		Approve Remediation Plan Changes
Create New Issue	Create new issues	Create Issue
		Delete Issue
Create New Remediation Plan	Create Remediation Plans data	Create Remediation Plan
		Create Remediation Task
		Delete Remediation Plan
Complete Remediation Tasks	Complete tasks within a Remediation Plan	Complete Remediation Task
		Edit Remediation Task

Duty Name	Description	Privilege
Issue Analytics	View the Issue graphs within the Analytics tab	View Issue Counts by Status and Likelihood graph
		View Issue Overview graph
		View Open Issues by Business Entity graph
		View Open Issues by Severity graph
		View Over Due Remediation Plans graph
		View Remediation Plans by Percent Complete
Issue Management	Maintain Issues	Close Issue
		Edit Issue
Issue Reporting	Run Issue Reports	Run Issue Details Report
		Run Issue Listing Extract
Issue Validation	Validate reported issues	Validate Issue
Issue Viewing	View Issues	View Issue Approval History
		View Issues
		View Remediation Plan
		View Remediation Plan Approval History
Remediation Plan Management	Maintain Remediation Plans	Close Issue
		Complete Remediation Plan
		Complete Remediation Task
		Create Remediation Task
		Edit Issue
		Edit Remediation Plan
		Edit Remediation Task
		Run Issue Details Report
		Run Issue Listing Extract
		Validate Issue
Remediation Plan Viewing	View Remediation Plans	View Remediation Plan
		View Remediation Plan Approval History
Review Issue	Review changes to Issues	Review Issue Changes
Review Remediation Plan	Review changes to Remediation Plans	Review Issue Changes
		Review Remediation Plan Changes
Perspective Management		
Approve Perspective	Approve changes to Perspectives	Approve Perspective Hierarchy Changes
		Approve Perspective item Changes
Complete Perspective Assessment	Complete the assessment activity for Perspectives	Complete Assessment from GRC Dashboard
		Complete Perspective Assessment
Create Issue for Perspective Assessment	Create Issue action for Perspective Assessment	Create Issue for Perspective Assessment

Duty Name	Description	Privilege
Create Issue for Perspective within Perspective Management	Create Issue action for Perspective within Perspective Management	Create Issue for Perspective Hierarchy Definition Create Issue for Perspective Item Definition
Create New Perspective	Create Perspectives	Create Perspective Hierarchy Create Perspective Item Delete Perspective Hierarchy
Perspective Assessment Result Viewing	View assessment result for perspectives	View Perspective Assessment Results
Perspective Management	Maintain Perspectives	Create Perspective Hierarchy Adhoc Assessment Edit Perspective Hierarchy Edit Perspective Item Notify Participants within a Perspective Hierarchy
Perspective Viewing	View Perspectives	View Perspective Hierarchy View Perspective Hierarchy Approval History View Perspective Item View Perspective Item Approval History View Perspective Item Assessment Approval History
Review Perspective	Review changes to Perspectives	Review Perspective Hierarchy Changes Review Perspective Item Changes
Process Management		
Approve Process	Approve changes to the Processes	Approve Process Changes
Approve Process Assessment	Approve completed assessments for a Process	Add Attachments to a Completed Process Assessment Approve Process Assessment Complete Assessment from GRC Dashboard
Base Object Analytics	View the base object graphs within the Analytics tab	View Base Object Issue Status graph View Base Object Overdue Assessment Status graph View Quick View
Complete Process Action Items	Update and Complete an Action Item for a Process	Complete Action Items
Complete Process Assessment	Complete the assessment activity for a Process	Complete Assessment from GRC Dashboard Complete Process Assessment

Duty Name	Description	Privilege
Create Issue for Process Assessments	Create Issue action for Process Assessments	Create Issue for Process Assessment
Create Issue for Process within Process Management	Create Issue action for Process within Process Management	Create Issue for Process Definition
Create New Process	Create Financial Governance Process data	Create Action Items Create Process Delete Process
Process Assessment Result Viewing	View assessment results for process	View Process Assessment Results
Process Management	Maintain Financial Governance Processes	Create Action Items Create Process Adhoc Assessment Edit Process
Process Reporting	Run Process reports	Run Action Items Report Run Process Assessment Extract
Process Viewing	View Processes	View Process View Process Approval History View Process Assessment Approval History
Review Process	Review changes to Processes	Review Process Changes
Review Process Assessment	Review completed assessments for a Process	Add Attachments to a Completed Process Assessment Complete Assessment from GRC Dashboard Review Process Assessment
Risk Management		
Approve Consequence	Approve changes to Consequences	Approve Consequence Changes
Approve Event	Approve changes for Events	Approve Event Changes
Approve Risk	Approve changes to Risks	Approve Risk Changes
Approve Risk Assessment	Approve completed assessment for Risks	Add Attachments to a Completed Risk Assessment Approve Risk Assessment Complete Assessment from GRC Dashboard
Complete Risk Analysis	Complete the analysis activity for Risks	Complete Risk Analysis
Complete Risk Assessment	Complete the assessment activity for a Risk	Complete Assessment from GRC Dashboard Complete Risk Assessment
Complete Risk Evaluation	Complete Risk Evaluation	Complete the evaluation activity for Risk Complete Risk Evaluation
Consequence Management	Create and maintain Consequences	Create Consequence Edit Consequence

Duty Name	Description	Privilege
Consequence View	View Consequences	View Consequence
		View Consequence Approval History
Create Issue for Risk Analysis	Create Issue action for Risk Analysis	Create Issue for Risk Analysis
Create Issue for Risk Assessments	Create Issue action for Risk Assessments	Create Issue for Risk Assessment
Create Issue for Risk Evaluation	Create Issue action for Risk Evaluation	Create Issue for Risk Evaluation
Create Issue for Risk Treatment	Create Issue action for Risk Treatment	Create Issue for Risk Treatment
Create Issue for Risk within Risk Management	Create Issue action for Risk within Risk Management	Create Issue for Risk Definition
Create New Consequence	Create Consequence data	Create Consequence
		Delete Consequence
Create New Event	Create Event data	Create Event
		Delete Event
Create New Risk	Create risk data	Create Risk
		Create Risk from Related Components
		Delete Risk
Event Management	Create and maintain Events	Create Event
		Edit Event
Event View	View Events	View Event
		View Event Approval History
Propose Risks	Create a Proposed Risk from the dashboard	Propose Risk from GRC Dashboard
Proposed Risk Validation	Validate and Maintain the reported Proposed Risks	Create New Risk from Proposed Risk
		Propose Risk from Risk Management
		Reject Proposed Risk
		Validate Proposed Risk
Proposed Risk Viewing	View Proposed Risks	View Proposed Risk
Review Consequence	Review changes to Consequences	Review Consequence Changes
Review Event	Review changes for Events	Review Event Changes
Review Risk	Review changes to Risks	Review Risk Changes
Review Risk Assessment	Review completed assessments for Risks	Add Attachments to a Completed Risk Assessment
		Complete Assessment from GRC Dashboard
		Review Risk Assessment
Risk Analysis Management	Create Risk Analysis	Create Risk Analysis
		Edit Risk Analysis

Duty Name	Description	Privilege
Risk Analysis Models Management	Maintain Risk Analysis Models	Manage Impact Models for Risk
		Manage Likelihood Models for Risk
		Manage Risk Analysis Model
Risk Analysis Models Viewing	View Risk Models	View Impact Models for Risk
		View Likelihood Models for Risk
		View Risk Analysis Model
Risk Analytics	View the risk graphs within the Analytics tab	View Risk Count by Context graph
		View Risk Count by Significance graph
		View Risk Overview by Context graph
		View Risk Significance by Context graph
Risk Assessment Result Viewing	View assessment results for risk	View Risk Assessment Results
Risk Evaluation Management	Create Risk Analysis	Create Risk Evaluation
		Edit Risk Evaluation
Risk Evaluation Models Management	Maintain Risk Evaluation Models duties	Manage Context Models for Risk
		Manage Significance Models for Risk
Risk Evaluation Models Viewing	View Risk Models	View Context Models for Risk
		View Significance Models for Risk
Risk Management	Maintain Risk data	Create Risk Adhoc Assessment
		Create Treatment Plan for Risk
		Edit Risk
		Edit Treatment Plan for Risk
		Run Risk Control Matrix
		Run Risk Control Matrix Extract
Risk Viewing	View Risks	View Context Models for Risk
		View Risk
		View Risk Approval History
		View Risk Assessment Approval History
		View Significance Models for Risk
Risk Reporting	Run Risks reports	Run Risk Control Matrix
		Run Risk Control Matrix Extract

Duty Name	Description	Privilege
Setup and Administration		
Application Administration	Administer the system configurations	Maintain Installation Options Manage Application Configuration Manage Assessment Results Manage Content Types Manage Data Synchronization Parameters Manage Lookup Tables Manage URL Repositories Manage Value Sets
Application Administration Reporting	Application Administration Reporting	Change History Report Pending Activity Report Worklist Items Requiring Reassignment
Module Administration	Define and maintain the configuration for modules	Create Import Template Create Module Create User Defined Attributes Edit Module Edit Object Configuration for a Module Edit Perspectives for a Module Edit User Defined Attributes Import Data File View Module View Object Configuration for a Module View Perspectives for a Module View User Defined Attributes
Security Administration	Define and maintain the security	Create Data Role Create Duty Role Create Job Role Create User Edit Data Role Edit Duty Role Edit Job Role Edit User Import Users from LDAP Run Record Assignment Report Run Role Assignment Report Run Unassigned Data Privileges Run Unassigned Records Report Run Unassigned Security Perspectives - Records View Data Role View Duty Role View Job Role View User

Duty Name	Description	Privilege
Security Administration Reporting	Run Security Administration Reports	Run Record Assignment Report
		Run Role Assignment Report
		Run Unassigned Data Privileges
		Run Unassigned Records Report
		Run Unassigned Security Perspectives - Records
Survey Management		
Approve Survey	Approve changes to survey questions and templates	Approve Survey Template Changes
Complete Survey	Complete a GRC Survey	Complete Survey
Create New Survey	Create and initiate general surveys	Create Survey
		Delete Survey
Create New Survey Questions and Templates	Create and initiate survey Questions and Templates	Create Question
		Create Question Choice Sets
		Create Survey Template
		Delete Survey Template
Review Survey	Review changes to Survey questions and templates	Review Survey Template Changes
Survey Management	Create and maintain Survey questions and templates	Create Question Choice Sets
		Edit Question
		Edit Question Choice Sets
		Edit Survey
		Edit Survey Template
		Notify Survey Translators
Survey Viewing	View Survey questions, templates and surveys	View Question Choice Sets
		View Survey Questions
		View Survey Responses
		View Survey Template
		View Survey Template Approval History
		View Surveys

List of Delivered Job Duty Roles

The following table contains all the seeded job duty roles.

Job Duty Role Name	Description	Duty Role Name
Assessment Analytics Viewer Job Duty Role	View Assessment Analytic graphics duties	Assessment Analytics
		Control Assessment Result Viewing
		Control Viewing
		Process Assessment Result Viewing
		Process Viewing
		Risk Assessment Result Viewing
		Risk Viewing

Job Duty Role Name	Description	Duty Role Name
Assessment Approver Job Duty Role	Approve Assessment Templates and Plans duties	Approve Assessment Assessment Viewing
Assessment Manager Job Duty Role	Maintain Assessment Templates, Plans and Assessment duties	Assessment Management Assessment Viewing Create New Assessment
Assessment Reporting Job Duty Role	Assessment Reporting duties	Assessment Reporting
Assessment Reviewer Job Duty Role	Review Assessment Templates and Plans duties	Assessment Viewing Review Assessment
Assessment Viewer Job Duty Role	View Assessment Templates, Plans and Assessments duties	Assessment Viewing
Control Analytics Viewer Job Duty Role	View Control Analytic graphics duties	Control Analytics Control Assessment Result Viewing
Control Analytics Viewer Job Duty Role	Control Analytic graphics duties	Control Viewing
Control Approver Job Duty Role	Approve Control changes duties	Approve Control Control Assessment Result Viewing Control Viewing Create Issue for Control within Control Management
Control Audit Test Assessment Approver Job Duty Role	Approve Control Assessment with type Audit Test	Approve Control Assessment Control Assessment Result Viewing Control Viewing Create Issue for Control Assessments
Control Audit Test Assessor Job Duty Role	Complete Control Assessment with type Audit Test	Complete Control Assessment Control Assessment Result Viewing Control Viewing Create Issue for Control Assessments
Control Audit Test Assessment Reviewer Job Duty Role	Review Control Assessment with type Audit Test	Control Assessment Result Viewing Control Viewing Create Issue for Control Assessments Review Control Assessment
Control Certification Assessment Approver Job Duty Role	Approve Control Assessment with type Certification duties	Approve Control Assessment Control Assessment Result Viewing Control Viewing Create Issue for Control Assessments

Job Duty Role Name	Description	Duty Role Name
Control Certification Assessor Job Duty Role	Complete Control Assessment with type Certification	Complete Control Assessment Control Assessment Result Viewing Control Viewing Create Issue for Control Assessments
Control Certification Assessment Reviewer Job Duty Role	Review Control Assessment with type Certification	Control Assessment Result Viewing Control Viewing Create Issue for Control Assessments Review Control Assessment
Control Design Review Assessment Approver Job Duty Role	Approve Control Assessment with type Design Review	Approve Control Assessment Control Assessment Result Viewing Control Viewing Create Issue for Control Assessments
Control Design Review Assessor Job Duty Role	Complete Control Assessment with type Design Review	Complete Control Assessment Control Assessment Result Viewing Control Viewing Create Issue for Control Assessments
Control Design Review Assessment Reviewer Job Duty Role	Review Control Assessment with type Design Review	Control Assessment Result Viewing Control Viewing Create Issue for Control Assessments Review Control Assessment
Control Manager Job Duty Role	Maintain Control duties	Control Assessment Result Viewing Control Management Control Reporting Control Viewing Create Issue for Control Assessments Create Issue for Control within Control Management Create New Control
Control Operational Assessment Approver Job Duty Role	Approve Control Assessment with type Operational Assessment	Approve Control Assessment Control Assessment Result Viewing Control Viewing Create Issue for Control Assessments

Job Duty Role Name	Description	Duty Role Name
Control Operational Assessment Assessor Job Duty Role	Complete Control Assessment with type Operational Assessment	Complete Control Assessment Control Assessment Result Viewing Control Viewing Create Issue for Control Assessments
Control Operational Assessment Reviewer Job Duty Role	Review Control Assessment with type Operational Assessment	Control Assessment Result Viewing Control Viewing Create Issue for Control Assessments Review Control Assessment
Control Reporting Job Duty Role	Reporting duties	Control Assessment Result Viewing Control Reporting Control Viewing
Control Reviewer Job Duty Role	Review Control changes duties	Control Assessment Result Viewing Control Viewing Create Issue for Control within Control Management Review Control
Control Viewer Job Duty Role	View Control duties	Control Assessment Result Viewing Control Viewing
Financial Governance Module Job Duty Role	Access to Financial Governance duties	Financial Governance Access
GRC System Administrator Job Duty Role	GRC application administration duties	Application Administration Application Administration Reporting Module Administration Security Administration Security Administration Reporting
GRC User Job Duty Role	Basic GRC User duties	GRC Dashboard Access
Issue Analytics Viewer Job Duty Role	View Issue Analytic graphics duties	Issue Analytics Issue Viewing
Issue Approver Job Duty Role	Approve Issue changes duties	Approve Issue Issue Viewing
Issue Manager Job Duty Role	Maintain Issue duties	Create New Issue Issue Management Issue Reporting Issue Viewing Remediation Plan Viewing
Issue Reporting Job Duty Role	Issue Reporting duties	Issue Reporting Issue Viewing
Issue Reviewer Job Duty Role	Review Issue changes duties	Issue Viewing Review Issue

Job Duty Role Name	Description	Duty Role Name
Issue Validator Job Duty Role	Validate reported Issue duties	Issue Management Issue Reporting Issue Validation Issue Viewing
Issue Viewer Job Duty Role	View Issue duties	Issue Viewing
Perspective Approver Job Duty Role	Approve Perspective changes duties	Approve Perspective Create Issue for Perspective within Perspective Management Perspective Assessment Result Viewing Perspective Viewing
Perspective Certifier Job Duty Role	Certify Perspective duties	Complete Perspective Assessment Create Issue for Perspective Assessment Perspective Assessment Result Viewing Perspective Viewing
Perspective Manager Job Duty Role	Maintain Perspective duties	Create Issue for Perspective Assessment Create Issue for Perspective within Perspective Management Create New Perspective Perspective Assessment Result Viewing Perspective Management Perspective Viewing
Perspective Reviewer Job Duty Role	Review Perspective hierarchy and values changes duties	Create Issue for Perspective within Perspective Management Perspective Assessment Result Viewing Perspective Viewing Review Perspective
Perspective Viewer Job Duty Role	View Perspective duties	Perspective Assessment Result Viewing Perspective Viewing
Process Analytics Viewer Job Duty Role	View Process Analytic graphics duties	Base Object Analytics Process Assessment Result Viewing Process Viewing
Process Approver Job Duty Role	Approve Process changes duties	Approve Process Complete Process Action Items Create Issue for Process within Process Management Process Assessment Result Viewing Process Viewing

Job Duty Role Name	Description	Duty Role Name
Process Audit Test Assessment Approver Job Duty Role	Approve Process Assessment with type Audit Test	Approve Process Assessment
		Create Issue for Process Assessments
		Process Assessment Result Viewing
		Process Viewing
Process Audit Test Assessor Job Duty Role	Complete Process Assessment with type Audit Test	Complete Process Assessment
		Create Issue for Process Assessments
		Process Assessment Result Viewing
		Process Viewing
Process Audit Test Assessment Reviewer Job Duty Role	Review Process Assessment with type Audit Test	Create Issue for Process Assessments
		Process Assessment Result Viewing
		Process Viewing
		Review Process Assessment
Process Certification Assessment Approver Job Duty Role	Approve Process Assessment with type Certification	Approve Process Assessment
		Create Issue for Process Assessments
		Process Assessment Result Viewing
		Process Viewing
Process Certification Assessor Job Duty Role	Complete Process Assessment with type Certification	Complete Process Assessment
		Create Issue for Process Assessments
		Process Assessment Result Viewing
		Process Viewing
Process Certification Assessment Reviewer Job Duty Role	Review Process Assessment with type Certification	Create Issue for Process Assessments
		Process Assessment Result Viewing
		Process Viewing
		Review Process Assessment
Process Design Review Assessment Approver Job Duty Role	Approve Process Assessment with type Design Review	Approve Process Assessment
		Create Issue for Process Assessments
		Process Assessment Result Viewing
		Process Viewing

Job Duty Role Name	Description	Duty Role Name
Process Design Review Assessor Job Duty Role	Complete Process Assessment with type Design Review	Complete Process Assessment Create Issue for Process Assessments Process Assessment Result Viewing Process Viewing
Process Design Review Assessment Reviewer Job Duty Role	Review Process Assessment with type Design Review	Create Issue for Process Assessments Process Assessment Result Viewing Process Viewing Review Process Assessment
Process Documentation Update Assessment Approver Job Duty Role	Approve Process Assessment with type Documentation Update	Approve Process Assessment Create Issue for Process Assessments Process Assessment Result Viewing Process Viewing
Process Documentation Update Assessor Job Duty Role	Complete Process Assessment with type Documentation Update	Complete Process Assessment Create Issue for Process Assessments Process Assessment Result Viewing Process Viewing
Process Documentation Update Assessment Reviewer Job Duty Role	Review Process Assessment with type Documentation Update	Create Issue for Process Assessments Process Assessment Result Viewing Process Viewing Review Process Assessment
Process Manager Job Duty Role	Maintain Process duties	Complete Process Action Items Create Issue for Process Assessments Create Issue for Process within Process Management Create New Process Process Assessment Result Viewing Process Management Process Reporting Process Viewing
Process Operational Assessment Approver Job Duty Role	Approve Process Assessment with type Operational Assessment	Approve Process Assessment Create Issue for Process Assessments Process Assessment Result Viewing Process Viewing

Job Duty Role Name	Description	Duty Role Name
Process Operational Assessment Assessor Job Duty Role	Complete Process Assessment with type Operational Assessment	Complete Process Assessment
		Create Issue for Process Assessments
		Process Assessment Result Viewing
		Process Viewing
Process Operational Assessment Reviewer Job Duty Role	Review Process Assessment with type Operational Assessment	Create Issue for Process Assessments
		Process Assessment Result Viewing
		Process Viewing
		Review Process Assessment
Process Reporting Job Duty Role	Process Reporting duties	Process Assessment Result Viewing
		Process Reporting
		Process Viewing
Process Reviewer Job Duty Role	Review Process changes duties	Complete Process Action Items
		Create Issue for Process within Process Management
		Process Assessment Result Viewing
		Process Viewing
		Review Process
Process Viewer Job Duty Role	View Process duties	Process Assessment Result Viewing
		Process Viewing
Proposed Risk Job Duty Role	Create Proposed Risk duties	Propose Risks
Proposed Risk Manager Job Duty Role	Maintain Proposed Risks duties	Proposed Risk Validation
		Proposed Risk Viewing
Proposed Risk Viewer Job Duty Role	View Proposed Risk duties	Proposed Risk Viewing
Remediation Plan Approver Job Duty Role	Approve Remediation Plan duties	Approve Remediation Plans
		Remediation Plan Viewing
Remediation Plan Manager Job Duty Role	Maintain Remediation Plan duties	Complete Remediation Tasks
		Create New Remediation Plan
		Issue Reporting
		Issue Viewing
		Remediation Plan Management
		Remediation Plan Viewing
Remediation Plan Reviewer Job Duty Role	Review Remediation Plan duties	Remediation Plan Viewing
		Review Remediation Plan
Remediation Plan Viewer Job Duty Role	View Remediation Plan duties	Remediation Plan Viewing

Job Duty Role Name	Description	Duty Role Name
Risk Analysis Manager Job Duty Role	Maintain Risk Analysis duties	Complete Risk Analysis Consequence View Create Issue for Risk Analysis Event View Risk Analysis Management Risk Assessment Result Viewing Risk Reporting Risk Viewing
Risk Analysis Model Manager Job Duty Role	Maintain Risk Analysis Model duties	Risk Analysis Models Management Risk Analysis Models Viewing
Risk Analysis Model Viewing Job Duty Role	View Risk Analysis Model duties	Risk Analysis Models Viewing
Risk Analytics Viewer Job Duty Role	View Risk Analytic graphics duties	Risk Analytics Risk Assessment Result Viewing Risk Viewing
Risk Analyzer Job Duty Role	Complete Risk Analysis duties	Complete Risk Analysis Consequence View Create Issue for Risk Analysis Event View Risk Assessment Result Viewing Risk Viewing
Risk Approver Job Duty Role	Approve Risk changes duties	Approve Consequence Approve Event Approve Risk Consequence View Create Issue for Risk Analysis Create Issue for Risk Assessments Create Issue for Risk Evaluation Create Issue for Risk Treatment Create Issue for Risk within Risk Management Event View Risk Assessment Result Viewing Risk Viewing
Risk Assessment Approver Job Duty Role	Approve Risk Assessment duties	Approve Risk Assessment Create Issue for Risk Assessments Risk Assessment Result Viewing Risk Viewing

Job Duty Role Name	Description	Duty Role Name
Risk Assessor Job Duty Role	Complete Risk Assessment duties	Complete Risk Assessment Create Issue for Risk Assessments Risk Assessment Result Viewing Risk Viewing
Risk Assessment Reviewer Job Duty Role	Review Risk Assessment duties	Create Issue for Risk Assessments Review Risk Assessment Risk Assessment Result Viewing Risk Viewing
Risk Audit Assessment Approver Job Duty Role	Approve Risk Audit Assessment duties	Approve Risk Assessment Create Issue for Risk Assessments Risk Assessment Result Viewing Risk Viewing
Risk Audit Assessor Job Duty Role	Complete Risk Assessment with type Audit duties	Complete Risk Assessment Create Issue for Risk Assessments Risk Assessment Result Viewing Risk Viewing
Risk Audit Assessment Reviewer Job Duty Role	Review Risk Assessment with type Audit duties	Create Issue for Risk Assessments Review Risk Assessment Risk Assessment Result Viewing Risk Viewing
Risk Certification Assessment Approver Job Duty Role	Approve Risk Assessment with type Certification duties	Approve Risk Assessment Create Issue for Risk Assessments Risk Assessment Result Viewing Risk Viewing
Risk Certification Assessor Job Duty Role	Complete Risk Assessment with type of Certification duties	Complete Risk Assessment Create Issue for Risk Assessments Risk Assessment Result Viewing Risk Viewing
Risk Certification Assessment Reviewer Job Duty Role	Review Risk Assessment with type Certification duties	Create Issue for Risk Assessments Review Risk Assessment Risk Assessment Result Viewing Risk Viewing

Job Duty Role Name	Description	Duty Role Name
Risk Evaluation Manager Job Duty Role	Maintain Risk Evaluation duties	Complete Risk Evaluation
		Consequence View
		Create Issue for Risk Evaluation
		Event View
		Risk Assessment Result Viewing
		Risk Evaluation Management
		Risk Viewing
Risk Evaluation Model Manager Job Duty Role	Maintain Risk Evaluation Model duties	Risk Evaluation Models Management
		Risk Evaluation Models Viewing
Risk Evaluation Model Viewing Job Duty Role	View Risk Evaluation Model duties	Risk Evaluation Models Viewing
Risk Evaluator Job Duty Role	Complete Risk Evaluation duties	Complete Risk Evaluation
		Create Issue for Risk Evaluation
		Risk Assessment Result Viewing
		Risk Viewing
Risk Manager Job Duty Role	Maintain Risk duties	Consequence Management
		Consequence View
		Create Issue for Risk Analysis
		Create Issue for Risk Assessments
		Create Issue for Risk Evaluation
		Create Issue for Risk Treatment
		Create Issue for Risk within Risk Management
		Create New Risk
		Event Management
		Event View
		Risk Assessment Result Viewing
		Risk Management
		Risk Reporting
		Risk Viewing
Risk Reporting Job Duty Role	Reporting duties	Consequence View
		Event View
		Risk Assessment Result Viewing
		Risk Reporting
		Risk Viewing

Job Duty Role Name	Description	Duty Role Name
Risk Reviewer Job Duty Role	Review Risk changes duties	Consequence View
		Create Issue for Risk Analysis
		Create Issue for Risk Assessments
		Create Issue for Risk Evaluation
		Create Issue for Risk Treatment
		Create Issue for Risk within Risk Management
		Event View
		Review Consequence
		Review Event
		Review Risk
		Risk Assessment Result Viewing
		Risk Viewing
Risk Viewer Job Duty Role	View Risk duties	Consequence View
		Event View
		Risk Assessment Result Viewing
		Risk Viewing
Survey Approver Job Duty Role	Approve Survey Template duties	Approve Survey
		Survey Viewing
Survey Manager Job Duty Role	Maintain Survey Questions, Templates and Surveys duties	Create New Survey
		Create New Survey Questions and Templates
		Survey Management
		Survey Viewing
Survey Responder Job Duty Role	Respond to survey duties	Complete Survey
		Survey Viewing
Survey Reviewer Job Duty Role	Review Survey Template duties	Review Survey
		Survey Viewing
Survey Viewer Job Duty Role	Views Survey questions, Templates and surveys duties	Survey Viewing

List of Delivered Data Roles

If a user does not see data to which he believes he should have access, it is probably due to an incorrect data role.

- Review the perspective filter that is included in the user's data role. Does it reference the correct perspective and perspective value? Is the condition correct?

- Is the correct composite data role referenced for the user's job role?

Primary Data Roles

The following tables list the seeded primary data roles. (For each row in the table, an Include/Exclude value is set to Include)

Proposed Risk

Name: Create Proposed Risk Primary Data Role

Description: Data access criteria to create Proposed Risk data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Proposed Risk
Action	Data Attributes	Action	Equals	Create

Name: Delete Proposed Risk Primary Data Role

Description: Data access criteria to delete Proposed Risk data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Proposed Risk
Action	Data Attributes	Action	Equals	Delete

Name: Edit Proposed Risk Primary Data Role

Description: Data access criteria to edit Proposed Risk data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Proposed Risk, Reported State Proposed Risk, Rejected State Proposed Risk, Active State Proposed Risk
Action	Data Attributes	Action	Equals	Edit

Name: View Proposed Risk Primary Data Role

Description: Data access criteria to view Proposed Risk data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Reported State Proposed Risk, In Edit State Proposed Risk, Rejected State Proposed Risk, Active State Proposed Risk
Action	Data Attributes	Action	Equals	View

Risk

Name: Create Risk Primary Data Role

Description: Data access criteria to create Risk data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Risk
Action	Data Attributes	Action	Equals	Create

Name: Delete Risk Primary Data Role

Description: Data access criteria to delete Risk data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Risk
Action	Data Attributes	Action	Equals	Delete

Name: Edit Risk Primary Data Role

Description: Data access criteria to edit Risk data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Risk, In Edit State Risk, Rejected State Risk, Approved State Risk
Action	Data Attributes	Action	Equals	Edit

Name: Review Risk Primary Data Role

Description: Data access criteria to review Risk changes

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Review State Risk
Action	Data Attributes	Action	Equals	Edit

Name: Approve Risk Primary Data Role

Description: Data access criteria to approve Risk changes

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Awaiting Approval State Risk
Action	Data Attributes	Action	Equals	Edit

Name: View Risk Primary Data Role

Description: Data access criteria to view Risk data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Risk, In Edit State Risk, In Review State Risk, Awaiting Approval State Risk, Request for Information in Review State Risk, Request for Information in Approval State Risk, Rejected State Risk, Approved State Risk
Action	Data Attributes	Action	Equals	View

Name: View Risk Assessment Results Primary Data Role

Description: Data access criteria to view Risk assessment result data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Risk Results, In Edit State Assessment Risk Results, In Review State Assessment Risk Results, Request for Information in Review State Assessment Risk Results, Awaiting Approval State Assessment Risk Results, Request for Information in Approval State Assessment Risk Results, Completed State Assessment Risk Results, Rejected State Assessment Risk Results, Closed State Assessment Risk Results
Action	Data Attributes	Action	Equals	View
Activity Type	Perspective	Activity Type	Equals	Risk Assessment

Name: View Risk Certification Assessment Results Primary Data Role

Description: Data access criteria to view Risk Certification Assessment result data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Risk Results, In Edit State Assessment Risk Results, In Review State Assessment Risk Results, Request for Information in Review State Assessment Risk Results, Awaiting Approval State Assessment Risk Results, Request for Information in Approval State Assessment Risk Results, Completed State Assessment Risk Results, Rejected State Assessment Risk Results, Closed State Assessment Risk Results
Action	Data Attributes	Action	Equals	View
Activity Type	Perspective	Activity Type	Equals	Certification

Name: View Risk Audit Assessment Results Primary Data Role

Description: Data access criteria to view Risk Certification Assessment result data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Risk Results, In Edit State Assessment Risk Results, In Review State Assessment Risk Results, Request for Information in Review State Assessment Risk Results, Awaiting Approval State Assessment Risk Results, Request for Information in Approval State Assessment Risk Results, Completed State Assessment Risk Results, Rejected State Assessment Risk Results, Closed State Assessment Risk Results
Action	Data Attributes	Action	Equals	View
Activity Type	Perspective	Activity Type	Equals	Audit Test
States	Data Attributes	State	Equals	Awaiting Approval State Risk
Action	Data Attributes	Action	Equals	Edit

Name: Complete Risk Assessments Primary Data Role

Description: Data access criteria to complete Risk assessments data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Risk Results, In Edit Risk Assessment Results, Rejected State Assessment Risk Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Risk Assessment

Name: Complete Risk Certification Assessment Primary Data Role

Description: Data access criteria to complete Risk Certification Assessments data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Risk Results, In Edit Risk Assessment Results, Rejected State Assessment Risk Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Certification

Name: Complete Risk Audit Assessment Primary Data Role

Description: Data access criteria to complete Risk Certification Assessments data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Risk Results, In Edit Risk Assessment Results, Rejected State Assessment Risk Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Audit Test

Name: Review Risk Assessment Results Primary Data Role

Description: Data access criteria to review Risk assessment results data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Review State Assessment Risk Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Risk Assessment

Name: Review Risk Certification Assessment Results Primary Data Role

Description: Data access criteria to review Risk Certification assessment results data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Review State Assessment Risk Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Certification

Name: Review Risk Audit Assessment Results Primary Data Role

Description: Data access criteria to review Risk Certification assessment results data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Review State Assessment Risk Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Audit Test

Name: Approve Risk Assessment Results Primary Data Role

Description: Data access criteria to approve Risk assessment results data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Awaiting Approval State Assessment Risk Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Risk Assessment

Name: Approve Risk Certification Assessment Results Primary Data Role

Description: Data access criteria to approve Risk Certification assessment results data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Awaiting Approval State Assessment Risk Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Certification

Name: Approve Risk Audit Assessment Results Primary Data Role

Description: Data access criteria to approve Risk Audit assessment results data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Awaiting Approval State Assessment Risk Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Audit Test

Name: Create Risk Analysis Primary Data Role

Description: Data access criteria to create Risk Analysis data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Edit State Risk Analysis
Action	Data Attributes	Action	Equals	Create

Name: Delete Risk Analysis Primary Data Role

Description: Data access criteria to delete Risk Analysis data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Edit State Risk Analysis
Action	Data Attributes	Action	Equals	Delete

Name: Edit Risk Analysis Primary Data Role

Description: Data access criteria to edit Risk Analysis data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Edit State Risk Analysis
Action	Data Attributes	Action	Equals	Edit

Name: Complete Risk Analysis Primary Data Role

Description: Data access criteria to complete Risk Analysis data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Edit State Risk Analysis
Action	Data Attributes	Action	Equals	Edit

Name: View Risk Analysis Primary Data Role

Description: Data access criteria to view Risk Analysis data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Edit State Risk Analysis, Complete State Risk Analysis
Action	Data Attributes	Action	Equals	View

Name: Create Risk Evaluation Primary Data Role

Description: Data access criteria to create Risk Evaluation data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Edit State Risk Evaluation
Action	Data Attributes	Action	Equals	Create

Name: Delete Risk Evaluation Primary Data Role

Description: Data access criteria to delete Risk Evaluation data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Edit State Risk Evaluation
Action	Data Attributes	Action	Equals	Delete

Name: Edit Risk Evaluation Primary Data Role

Description: Data access criteria to edit Risk Evaluation data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Edit State Risk Evaluation
Action	Data Attributes	Action	Equals	Edit

Name: Complete Risk Evaluation Primary Data Role

Description: Data access criteria to complete Risk Evaluation data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Edit State Risk Evaluation
Action	Data Attributes	Action	Equals	Edit

Name: View Risk Evaluation Primary Data Role

Description: Data access criteria to view Risk Evaluation data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Edit State Risk Evaluation, Complete State Risk Evaluation
Action	Data Attributes	Action	Equals	View

The module template includes a set of standard risk objects, labeled A–J. In the following records, the value *X* indicates a set of values, one each for A, B, C, D, E, F, G, H, I, and J.

Name: Create Risk X Primary Data Role

Description: Data access criteria to create Risk X data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Risk X
Action	Data Attributes	Action	Equals	Create

Name: Delete Risk X Primary Data Role

Description: Data access criteria to delete Risk X data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Risk X
Action	Data Attributes	Action	Equals	Delete

Name: Edit Risk X Primary Data Role

Description: Data access criteria to edit Risk X data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Risk X, In Edit State Risk X, Rejected State Risk X, Approved State Risk X
Action	Data Attributes	Action	Equals	Edit

Name: View Risk X Primary Data Role

Description: Data access criteria to view Risk X data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Risk X, In Edit State Risk X, In Review State Risk X, Awaiting Approval State Risk X, Request for Information in Review State Risk X, Request for Information in Approval State Risk X, Rejected State Risk X, Approved State Risk X
Action	Data Attributes	Action	Equals	View

Name: Review Risk X Primary Data Role

Description: Data access criteria to review Risk X changes

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Review State Risk X
Action	Data Attributes	Action	Equals	Edit

Name: Approve Risk X Primary Data Role

Description: Data access criteria to approve Risk X changes

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Awaiting Approval State Risk X
Action	Data Attributes	Action	Equals	Edit

Name: Create Risk X Analysis Primary Data Role

Description: Data access criteria to create Risk X Analysis data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Edit State Risk Analysis
Action	Data Attributes	Action	Equals	Create

Name: Delete Risk X Analysis Primary Data Role

Description: Data access criteria to delete Risk X Analysis data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Edit State Risk Analysis
Action	Data Attributes	Action	Equals	Delete

Name: Edit Risk X Analysis Primary Data Role

Description: Data access criteria to edit Risk X Analysis data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Edit State Risk Analysis
Action	Data Attributes	Action	Equals	Edit

Name: Complete Risk X Analysis Primary Data Role

Description: Data access criteria to complete Risk X Analysis data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Edit State Risk Analysis
Action	Data Attributes	Action	Equals	Edit

Name: View Risk X Analysis Primary Data Role

Description: Data access criteria to view Risk X Analysis data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Edit State Risk Analysis, Complete State Risk Analysis
Action	Data Attributes	Action	Equals	View

Name: Create Risk X Evaluation Primary Data Role

Description: Data access criteria to create Risk X Evaluation data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Edit State Risk Analysis
Action	Data Attributes	Action	Equals	Create

Name: Delete Risk X Evaluation Primary Data Role

Description: Data access criteria to delete Risk X Evaluation data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Edit State Risk Evaluation
Action	Data Attributes	Action	Equals	Delete

Name: Edit Risk X Evaluation Primary Data Role

Description: Data access criteria to edit Risk X Evaluation data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Edit State Risk Evaluation
Action	Data Attributes	Action	Equals	Edit

Name: Complete Risk X Evaluation Primary Data Role

Description: Data access criteria to complete Risk X Evaluation data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Edit State Risk Evaluation
Action	Data Attributes	Action	Equals	Edit

Name: View Risk X Evaluation Primary Data Role

Description: Data access criteria to view Risk X Evaluation data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Edit State Risk Evaluation, Complete State Risk Evaluation
Action	Data Attributes	Action	Equals	View

Name: View Risk X Assessment Results Primary Data Role

Description: Data access criteria to view Risk X assessment result data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Risk Results, In Edit State Assessment Risk Results, In Review State Assessment Risk Results, Request for Information in Review State Assessment Risk Results, Awaiting Approval State Assessment Risk Results, Request for Information in Approval State Assessment Risk Results, Completed State Assessment Risk Results, Rejected State Assessment Risk Results, Closed State Assessment Risk Results
Action	Data Attributes	Action	Equals	View
Activity Type	Perspective	Activity Type	Equals	Risk Assessment

Name: View Risk X Certification Assessment Results Primary Data Role

Description: Data access criteria to view Risk X Certification Assessment result data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Risk Results, In Edit State Assessment Risk Results, In Review State Assessment Risk Results, Request for Information in Review State Assessment Risk Results, Awaiting Approval State Assessment Risk Results, Request for Information in Approval State Assessment Risk Results, Completed State Assessment Risk Results, Rejected State Assessment Risk Results, Closed State Assessment Risk Results
Action	Data Attributes	Action	Equals	View
Activity Type	Perspective	Activity Type	Equals	Certification

Name: View Risk X Audit Assessment Results Primary Data Role

Description: Data access criteria to view Risk X Certification Assessment result data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Risk Results, In Edit State Assessment Risk Results, In Review State Assessment Risk Results, Request for Information in Review State Assessment Risk Results, Awaiting Approval State Assessment Risk Results, Request for Information in Approval State Assessment Risk Results, Completed State Assessment Risk Results, Rejected State Assessment Risk Results, Closed State Assessment Risk Results
Action	Data Attributes	Action	Equals	View
Activity Type	Perspective	Activity Type	Equals	Audit Test
States	Data Attributes	State	Equals	Awaiting Approval State Risk
Action	Data Attributes	Action	Equals	Edit

Name: Complete Risk X Assessments Primary Data Role

Description: Data access criteria to complete Risk X assessments data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Risk Results, In Edit Assessment Results, Rejected State Assessment Risk Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Risk Assessment

Name: Complete Risk X Certification Assessment Primary Data Role

Description: Data access criteria to complete Risk X Certification Assessments data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Risk Results, In Edit Assessment Results, Rejected State Assessment Risk Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Certification

Name: Complete Risk X Audit Assessment Primary Data Role

Description: Data access criteria to complete Risk X Certification Assessments data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Risk Results, In Edit Assessment Results, Rejected State Assessment Risk Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Audit Test

Name: Review Risk X Assessment Results Primary Data Role

Description: Data access criteria to review Risk X assessment results data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Review State Assessment Risk Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Risk Assessment

Name: Review Risk X Certification Assessment Results Primary Data Role

Description: Data access criteria to review Risk X Certification assessment results data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Review State Assessment Risk Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Certification

Name: Review Risk X Audit Assessment Results Primary Data Role

Description: Data access criteria to review Risk X Certification assessment results data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Review State Assessment Risk Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Audit Test

Name: Approve Risk X Assessment Results Primary Data Role

Description: Data access criteria to approve Risk X assessment results data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Awaiting Approval State Assessment Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Risk Assessment

Name: Approve Risk X Certification Assessment Results Primary Data Role

Description: Data access criteria to approve Risk X Certification assessment results data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Awaiting Approval State Assessment Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Certification

Name: Approve Risk X Audit Assessment Results Primary Data Role

Description: Data access criteria to approve Risk X Audit assessment results data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Awaiting Approval State Assessment Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Audit Test

Risk Models

Name: Create Risk Significance Model Primary Data Role

Description: Data access criteria to create Risk Significance data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Active State Risk Significance Model
Action	Data Attributes	Action	Equals	Create

Name: Edit Risk Significance Model Primary Data Role

Description: Data access criteria to edit Risk Significance data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Active State Risk Significance Model
Action	Data Attributes	Action	Equals	Edit

Name: View Risk Significance Model Primary Data Role

Description: Data access criteria to edit Risk Significance data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Active State Risk Significance Model
Action	Data Attributes	Action	Equals	View

Name: Create Risk Likelihood Model Primary Data Role

Description: Data access criteria to create Risk Likelihood Model data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Active State Risk Likelihood Model
Action	Data Attributes	Action	Equals	Create

Name: Edit Risk Likelihood Model Primary Data Role

Description: Data access criteria to edit Risk Likelihood Model data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Active State Risk Likelihood Model
Action	Data Attributes	Action	Equals	Edit

Name: View Risk Likelihood Model Primary Data Role

Description: Data access criteria to edit Risk Likelihood Model data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Active State Risk Likelihood Model
Action	Data Attributes	Action	Equals	View

Name: Create Risk Impact Model Primary Data Role

Description: Data access criteria to create Risk Impact Model data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Active State Risk Impact Model
Action	Data Attributes	Action	Equals	Create

Name: Edit Risk Impact Model Primary Data Role

Description: Data access criteria to edit Risk Impact Model data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Active State Risk Impact Model
Action	Data Attributes	Action	Equals	Edit

Name: View Risk Impact Model Primary Data Role

Description: Data access criteria to edit Risk Impact Model data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Active State Risk Impact Model
Action	Data Attributes	Action	Equals	View

Name: Create Risk Analysis Model Primary Data Role

Description: Data access criteria to create Risk Analysis Model data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Active State Risk Analysis Model
Action	Data Attributes	Action	Equals	Create

Name: Edit Risk Analysis Model Primary Data Role

Description: Data access criteria to edit Risk Analysis Model data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Active State Risk Analysis Model
Action	Data Attributes	Action	Equals	Edit

Name: View Risk Analysis Model Primary Data Role

Description: Data access criteria to edit Risk Analysis Model data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Active State Risk Analysis Model
Action	Data Attributes	Action	Equals	View

Name: Create Risk Context Model Primary Data Role

Description: Data access criteria to create Risk Context Model data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Active State Risk Context Model
Action	Data Attributes	Action	Equals	Create

Name: Edit Risk Context Model Primary Data Role

Description: Data access criteria to edit Risk Context Model data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Active State Risk Context Model
Action	Data Attributes	Action	Equals	Edit

Name: View Risk Context Model Primary Data Role

Description: Data access criteria to edit Risk Context Model data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Active State Context Model
Action	Data Attributes	Action	Equals	View

Name: Create Risk Analysis Primary Data Role

Description: Data access criteria to create Risk Analysis data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Risk Analysis
Action	Data Attributes	Action	Equals	Create, Delete

Control

Name: Create Control Primary Data Role

Description: Data access criteria to create Control data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Control
Action	Data Attributes	Action	Equals	Create

Name: Delete Control Primary Data Role

Description: Data access criteria to create Control data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Control
Action	Data Attributes	Action	Equals	Delete

Name: Edit Control Primary Data Role

Description: Data access criteria to edit Control data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Control, In Edit State Control, Rejected State Control, Approved State Control
Action	Data Attributes	Action	Equals	Edit

Name: View Control Primary Data Role

Description: Data access criteria to view Control data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Control, In Edit State Control, In Review State Control, Awaiting Approval State Control, Request for Information in Review State Control, Request for Information in Approval State Control, Rejected State Control, Approved State Control
Action	Data Attributes	Action	Equals	View

Name: Review Control Primary Data Role

Description: Data access criteria to review control changes

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Review State Control
Action	Data Attributes	Action	Equals	Edit

Name: Approve Control Primary Data Role

Description: Data access criteria to approve control changes

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Awaiting Approval State Control
Action	Data Attributes	Action	Equals	Edit

Name: View Control Operational Assessment Results Primary Data Role

Description: Data access criteria to view Control Operational Assessment result data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Control Results, In Edit State Assessment Control Results, In Review State Assessment Control Results, Request for Information in Review State Assessment Control Results, Awaiting Approval State Assessment Control Results, Request for Information in Approval State Assessment Control Results, Completed State Assessment Control Results, Rejected State Assessment Control Results, Closed State Assessment Control Results
Action	Data Attributes	Action	Equals	View
Activity Type	Perspective	Activity Type	Equals	Operational Assessment

Name: View Control Design Review Assessment Results Primary Data Role

Description: Data access criteria to view Control Design Data access criteria to review Assessment result data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Control Results, In Edit State Assessment Control Results, In Review State Assessment Control Results, Request for Information in Review State Assessment Control Results, Awaiting Approval State Assessment Control Results, Request for Information in Approval State Assessment Control Results, Completed State Assessment Control Results, Rejected State Assessment Control Results, Closed State Assessment Control Results
Action	Data Attributes	Action	Equals	View
Activity Type	Perspective	Activity Type	Equals	Design Review

Name: View Control Audit Test Assessment Results Primary Data Role

Description: Data access criteria to view Control Audit Test Assessment result data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Control Results, In Edit State Assessment Control Results, In Review State Assessment Control Results, Request for Information in Review State Assessment Control Results, Awaiting Approval State Assessment Control Results, Request for Information in Approval State Assessment Control Results, Completed State Assessment Control Results, Rejected State Assessment Control Results, Closed State Assessment Control Results
Action	Data Attributes	Action	Equals	View
Activity Type	Perspective	Activity Type	Equals	Audit Test

Name: View Control Certification Assessment Results Primary Data Role

Description: Data access criteria to view Control Certification Assessment result data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Control Results, In Edit State Assessment Control Results, In Review State Assessment Control Results, Request for Information in Review State Assessment Control Results, Awaiting Approval State Assessment Control Results, Request for Information in Approval State Assessment Control Results, Completed State Assessment Control Results, Rejected State Assessment Control Results, Closed State Assessment Control Results
Action	Data Attributes	Action	Equals	View
Activity Type	Perspective	Activity Type	Equals	Certification

Name: Complete Control Operational Assessment Primary Data Role

Description: Data access criteria to complete Control Operational Assessment data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Control Results, In Edit Assessment Results, Rejected State Assessment Control Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Operational Assessment

Name: Complete Control Design Review Assessment Primary Data Role

Description: Data access criteria to complete Control Design Data access criteria to review Assessment data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Control Results, In Edit Assessment Results, Rejected State Assessment Control Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Design Review

Name: Complete Control Audit Test Assessment Primary Data Role

Description: Data access criteria to complete Control Audit Test Assessment data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Control Results, In Edit Assessment Results, Rejected State Assessment Control Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Audit Test

Name: Complete Control Certification Assessment Primary Data Role

Description: Data access criteria to complete Control Certification Assessment data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Control Results, In Edit Assessment Results, Rejected State Assessment Control Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Certification

Name: Review Control Operational Assessment Results Primary Data Role

Description: Data access criteria to review Control Operational Assessment results data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Review State Assessment Control Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Operational Assessment

Name: Review Control Design Review Assessment Results Primary Data Role

Description: Data access criteria to review Control Design Data access criteria to review Assessment results data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Review State Assessment Control Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Design Review

Name: Review Control Audit Test Assessment Results Primary Data Role

Description: Data access criteria to review Control Audit Test Assessment results data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Review State Assessment Control Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Audit Test

Name: Review Control Certification Assessment Results Primary Data Role

Description: Data access criteria to review Control Certification Assessment results data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Review State Assessment Control Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Certification

Name: Approve Control Operational Assessment Results Primary Data Role

Description: Data access criteria to approve Control Operational Assessment results data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Awaiting Approval State Assessment Control Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Operational Assessment

Name: Approve Control Design Review Assessment Results Primary Data Role

Description: Data access criteria to approve Control Design Data access criteria to review Assessment results data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Awaiting Approval State Assessment Control Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Design Review

Name: Approve Control Audit Test Assessment Results Primary Data Role

Description: Data access criteria to approve Control Audit Test Assessment results data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Awaiting Approval State Assessment Control Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Audit Test

Name: Approve Control Certification Assessment Results Primary Data Role

Description: Data access criteria to approve Control Certification Assessment results data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Awaiting Approval State Control
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Certification

The module template includes a set of standard control objects, labeled A–J. In the following records, the value *X* indicates a set of values, one each for A, B, C, D, E, F, G, H, I, and J.

Name: Create Control Object X Primary Data Role

Description: Data access criteria to create Control Object X data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Control Object X
Action	Data Attributes	Action	Equals	Create

Name: Delete Control Object X Primary Data Role

Description: Data access criteria to create Control Object X data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Control Object X
Action	Data Attributes	Action	Equals	Delete

Name: Edit Control Object X Primary Data Role

Description: Data access criteria to edit Control Object X data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Control Object X, In Edit State Control Object X, Rejected State Control Object X, Approved State Control Object X
Action	Data Attributes	Action	Equals	Edit

Name: View Control Object X Primary Data Role

Description: Data access criteria to view Control Object X data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Control Object X, In Edit State Control Object X, In Review State Control Object X, Awaiting Approval State Control Object X, Request for Information in Review State Control Object X, Request for Information in Approval State Control Object X, Rejected State Control Object X, Approved State Control Object X
Action	Data Attributes	Action	Equals	View

Name: Review Control Object X Primary Data Role

Description: Data access criteria to review Control Object X changes

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Review State Control Object X
Action	Data Attributes	Action	Equals	Edit

Name: Approve Control Object X Primary Data Role

Description: Data access criteria to approve Control Object X changes

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Awaiting Approval State Control Object X
Action	Data Attributes	Action	Equals	Edit

Name: View Control Object X Operational Assessment Results Primary Data Role

Description: Data access criteria to view Control Object X Operational Assessment result data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Control Results, In Edit State Assessment Control Results, In Review State Assessment Control Results, Request for Information in Review State Assessment Control Results, Awaiting Approval State Assessment Control Results, Request for Information in Approval State Assessment Control Results, Completed State Assessment Control Results, Rejected State Assessment Control Results, Closed State Assessment Control Results
Action	Data Attributes	Action	Equals	View
Activity Type	Perspective	Activity Type	Equals	Operational Assessment

Name: View Control Object X Design Review Assessment Results Primary Data Role

Description: Data access criteria to view Control Object X Design Data access criteria to review Assessment result data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Control Results, In Edit State Assessment Control Results, In Review State Assessment Control Results, Request for Information in Review State Assessment Control Results, Awaiting Approval State Assessment Control Results, Request for Information in Approval State Assessment Control Results, Completed State Assessment Control Results, Rejected State Assessment Control Results, Closed State Assessment Control Results
Action	Data Attributes	Action	Equals	View
Activity Type	Perspective	Activity Type	Equals	Design Review

Name: View Control Object X Audit Test Assessment Results Primary Data Role

Description: Data access criteria to view Control Object X Audit Test Assessment result data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Control Results, In Edit State Assessment Control Results, In Review State Assessment Control Results, Request for Information in Review State Assessment Control Results, Awaiting Approval State Assessment Control Results, Request for Information in Approval State Assessment Control Results, Completed State Assessment Control Results, Rejected State Assessment Control Results, Closed State Assessment Control Results
Action	Data Attributes	Action	Equals	View
Activity Type	Perspective	Activity Type	Equals	Audit Test

Name: View Control Object X Certification Assessment Results Primary Data Role

Description: Data access criteria to view Control Object X Certification Assessment result data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Control Results, In Edit State Assessment Control Results, In Review State Assessment Control Results, Request for Information in Review State Assessment Control Results, Awaiting Approval State Assessment Control Results, Request for Information in Approval State Assessment Control Results, Completed State Assessment Control Results, Rejected State Assessment Control Results, Closed State Assessment Control Results
Action	Data Attributes	Action	Equals	View
Activity Type	Perspective	Activity Type	Equals	Certification

Name: Complete Control Object X Operational Assessment Primary Data Role

Description: Data access criteria to complete Control Object X Operational Assessment data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Control Results, In Edit Assessment Results, Rejected State Assessment Control Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Operational Assessment

Name: Complete Control Object X Design Review Assessment Primary Data Role

Description: Data access criteria to complete Control Object X Design Data access criteria to review Assessment data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Control Results, In Edit Assessment Results, Rejected State Assessment Control Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Design Review

Name: Complete Control Object X Audit Test Assessment Primary Data Role

Description: Data access criteria to complete Control Object X Audit Test Assessment data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Control Results, In Edit Assessment Results, Rejected State Assessment Control Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Audit Test

Name: Complete Control Object X Certification Assessment Primary Data Role

Description: Data access criteria to complete Control Object X Certification Assessment data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Control Results, In Edit Assessment Results, Rejected State Assessment Control Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Certification

Name: Review Control Object X Operational Assessment Results Primary Data Role

Description: Data access criteria to review Control Object X Operational Assessment results data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Review State Assessment Control Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Operational Assessment

Name: Review Control Object X Design Review Assessment Results Primary Data Role

Description: Data access criteria to review Control Object X Design Data access criteria to review Assessment results data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Review State Assessment Control Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Design Review

Name: Review Control Object X Audit Test Assessment Results Primary Data Role

Description: Data access criteria to review Control Object X Audit Test Assessment results data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Review State Assessment Control Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Audit Test

Name: Review Control Object X Certification Assessment Results Primary Data Role

Description: Data access criteria to review Control Object X Certification Assessment results data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Review State Assessment Control Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Certification

Name: Approve Control Object X Operational Assessment Results Primary Data Role

Description: Data access criteria to approve Control Object X Operational Assessment results data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Awaiting Approval State Assessment Control Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Operational Assessment

Name: Approve Control Object X Design Review Assessment Results Primary Data Role

Description: Data access criteria to approve Control Object X Design Data access criteria to review Assessment results data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Awaiting Approval State Assessment Control Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Design Review

Name: Approve Control Object X Audit Test Assessment Results Primary Data Role

Description: Data access criteria to approve Control Object X Audit Test Assessment results data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Awaiting Approval State Control
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Audit Test

Name: Approve Control Object X Certification Assessment Results Primary Data Role

Description: Data access criteria to approve Control Object X Certification Assessment results data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Awaiting Approval State Control
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Certification

Process

Name: Create Process Primary Data Role

Description: Data access criteria to create Process data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Process
Action	Data Attributes	Action	Equals	Create

Name: Delete Process Primary Data Role

Description: Data access criteria to delete Process data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Process
Action	Data Attributes	Action	Equals	Delete

Name: Edit Process Primary Data Role

Description: Data access criteria to edit Process data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Process, In Edit Process, Rejected State Process, Approved State Process
Action	Data Attributes	Action	Equals	Edit

Name: View Process Primary Data Role

Description: Data access criteria to view Process data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Process, In Edit State Process, In Review State Process, Awaiting Approval State Process, Request for Information in Review State Process, Request for Information in Approval State Process, Rejected State Process, Approved State Process
Action	Data Attributes	Action	Equals	View

Name: Review Process Primary Data Role

Description: Data access criteria to review Process changes

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Review State Process
Action	Data Attributes	Action	Equals	Edit

Name: Approve Process Primary Data Role

Description: Data access criteria to approve Process changes

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Awaiting Approval State Process
Action	Data Attributes	Action	Equals	Edit

Name: View Process Operational Assessment Results Primary Data Role

Description: Data access criteria to view Process Operational Assessment result data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Process Results, In Edit State Assessment Process Results, In Review State Assessment Process Results, Request for Information in Review State Assessment Process Results, Awaiting Approval State Assessment Process Results, Request for Information in Approval State Assessment Process Results, Completed State Assessment Process Results, Rejected State Assessment Process Results, Completed State Assessment Process Results
Action	Data Attributes	Action	Equals	View
Activity Type	Perspective	Activity Type	Equals	Operational Assessment

Name: View Process Design Review Assessment Results Primary Data Role

Description: Data access criteria to view Process Design Data access criteria to review Assessment result data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Process Results, In Edit State Assessment Process Results, In Review State Assessment Process Results, Request for Information in Review State Assessment Process Results, Awaiting Approval State Assessment Process Results, Request for Information in Approval State Assessment Process Results, Completed State Assessment Process Results, Rejected State Assessment Process Results, Completed State Assessment Process Results
Action	Data Attributes	Action	Equals	View
Activity Type	Perspective	Activity Type	Equals	Design Review

Name: View Process Audit Test Assessment Results Primary Data Role

Description: Data access criteria to view Process Audit Test Assessment result data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Process Results, In Edit State Assessment Process Results, In Review State Assessment Process Results, Request for Information in Review State Assessment Process Results, Awaiting Approval State Assessment Process Results, Request for Information in Approval State Assessment Process Results, Completed State Assessment Process Results, Rejected State Assessment Process Results, Completed State Assessment Process Results
Action	Data Attributes	Action	Equals	View
Activity Type	Perspective	Activity Type	Equals	Audit Test

Name: View Process Certification Assessment Results Primary Data Role

Description: Data access criteria to view Process Certification Assessment result data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Process Results, In Edit State Assessment Process Results, In Review State Assessment Process Results, Request for Information in Review State Assessment Process Results, Awaiting Approval State Assessment Process Results, Request for Information in Approval State Assessment Process Results, Completed State Assessment Process Results, Rejected State Assessment Process Results, Completed State Assessment Process Results
Action	Data Attributes	Action	Equals	View
Activity Type	Perspective	Activity Type	Equals	Certification

Name: View Process Documentation Update Assessment Results Primary Data Role

Description: Data access criteria to view Process Documentation Update Assessment result data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Process Results, In Edit State Assessment Process Results, In Review State Assessment Process Results, Request for Information in Review State Assessment Process Results, Awaiting Approval State Assessment Process Results, Request for Information in Approval State Assessment Process Results, Completed State Assessment Process Results, Rejected State Assessment Process Results, Completed State Assessment Process Results
Action	Data Attributes	Action	Equals	View
Activity Type	Perspective	Activity Type	Equals	Documentation Update

Name: Complete Process Operational Assessment Primary Data Role

Description: Data access criteria to complete Process Operational Assessment data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Process Results, In Edit Assessment Results, Rejected State Assessment Process Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Operational Assessment

Name: Complete Process Design Review Assessment Primary Data Role

Description: Data access criteria to complete Process Design Data access criteria to review Assessment data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Process Results, In Edit Assessment Results, Rejected State Assessment Process Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Design Review

Name: Complete Process Audit Test Assessment Primary Data Role

Description: Data access criteria to complete Process Audit Test Assessment data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Process Results, In Edit Assessment Results, Rejected State Assessment Process Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Audit Test

Name: Complete Process Certification Assessment Primary Data Role

Description: Data access criteria to complete Process Certification Assessment data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Process Results, In Edit Assessment Results, Rejected State Assessment Process Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Certification

Name: Complete Process Documentation Update Assessment Primary Data Role

Description: Data access criteria to complete Process Documentation Assessment data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Assessment Process Results, In Edit Assessment Results, Rejected State Assessment Process Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Documentation Update

Name: Review Process Operational Assessment Results Primary Data Role

Description: Data access criteria to review Process Operational Assessment results data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Review State Assessment Process Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Operational Assessment

Name: Review Process Design Review Assessment Results Primary Data Role

Description: Data access criteria to review Process Design Data access criteria to review Assessment results data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Review State Assessment Process Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Design Review

Name: Review Process Audit Test Assessment Results Primary Data Role

Description: Data access criteria to review Process Audit Test Assessment results data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Review State Assessment Process Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Audit Test

Name: Review Process Certification Assessment Results Primary Data Role

Description: Data access criteria to review Process Certification Assessment results data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Review State Assessment Process Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Certification

Name: Review Process Documentation Update Assessment Results Primary Data Role

Description: Data access criteria to review Process Documentation Update Assessment results data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Review State Assessment Process Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Documentation Update

Name: Approve Process Operational Assessment Results Primary Data Role

Description: Data access criteria to approve Process Operational Assessment results data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Awaiting Approval State Assessment Process Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Operational Assessment

Name: Approve Process Design Review Assessment Results Primary Data Role

Description: Data access criteria to approve Process Design Data access criteria to review Assessment results data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Awaiting Approval State Assessment Process Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Design Review

Name: Approve Process Audit Test Assessment Results Primary Data Role

Description: Data access criteria to approve Process Audit Test Assessment results data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Awaiting Approval State Assessment Process Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Audit Test

Name: Approve Process Certification Assessment Results Primary Data Role

Description: Data access criteria to approve Process Certification Assessment results data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Awaiting Approval State Assessment Process Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Certification

Name: Approve Process Documentation Update Assessment Results Primary Data Role

Description: Data access criteria to approve Process Documentation Update Assessment results data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Awaiting Approval State Assessment Process Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Documentation Update

The module template includes a set of standard base objects, labeled A–F. In the following records, the value *X* indicates a set of values, one each for A, B, C, D, E, and F.

Name: Create Base Object X Primary Data Role

Description: Data access criteria to create Base Object X data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Base Object X
Action	Data Attributes	Action	Equals	Create

Name: Delete Base Object X Primary Data Role

Description: Data access criteria to delete Base Object X data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Base Object X
Action	Data Attributes	Action	Equals	Delete

Name: Edit Base Object X Primary Data Role

Description: Data access criteria to edit Base Object X data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Base Object X, In Edit Base Object X, Rejected State Base Object X, Approved State Base Object X
Action	Data Attributes	Action	Equals	Edit

Name: View Base Object X Primary Data Role

Description: Data access criteria to view Base Object X data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Base Object X, In Edit State Base Object X, In Review State Base Object X, Awaiting Approval State Base Object X, Request for Information in Review State Base Object X, Request for Information in Approval State Base Object X, Rejected State Base Object X, Approved State Base Object X
Action	Data Attributes	Action	Equals	View

Name: Review Base Object X Primary Data Role

Description: Data access criteria to review Base Object X changes

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Review State Base Object X
Action	Data Attributes	Action	Equals	Edit

Name: Approve Base Object X Primary Data Role

Description: Data access criteria to approve Base Object X changes

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Awaiting Approval State Base Object X
Action	Data Attributes	Action	Equals	Edit

Name: View Base Object X Operational Assessment Results Primary Data Role

Description: Data access criteria to view Base Object X Operational Assessment result data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Base Object Results, In Edit State Assessment Base Object Results, In Review State Assessment Base Object Results, Request for Information in Review State Assessment Base Object Results, Awaiting Approval State Assessment Base Object Results, Request for Information in Approval State Assessment Base Object Results, Completed State Assessment Base Object Results, Rejected State Assessment Base Object Results, Completed State Assessment Base Object Results
Action	Data Attributes	Action	Equals	View
Activity Type	Perspective	Activity Type	Equals	Operational Assessment

Name: View Base Object X Design Review Assessment Results Primary Data Role

Description: Data access criteria to view Base Object X Design Data access criteria to review Assessment result data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Base Object Results, In Edit State Assessment Base Object Results, In Review State Assessment Base Object Results, Request for Information in Review State Assessment Base Object Results, Awaiting Approval State Assessment Base Object Results, Request for Information in Approval State Assessment Base Object Results, Completed State Assessment Base Object Results, Rejected State Assessment Base Object Results, Completed State Assessment Base Object Results
Action	Data Attributes	Action	Equals	View
Activity Type	Perspective	Activity Type	Equals	Design Review

Name: View Base Object X Audit Test Assessment Results Primary Data Role

Description: Data access criteria to view Base Object X Audit Test Assessment result data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Base Object Results, In Edit State Assessment Base Object Results, In Review State Assessment Base Object Results, Request for Information in Review State Assessment Base Object Results, Awaiting Approval State Assessment Base Object Results, Request for Information in Approval State Assessment Base Object Results, Completed State Assessment Base Object Results, Rejected State Assessment Base Object Results, Completed State Assessment Base Object Results
Action	Data Attributes	Action	Equals	View
Activity Type	Perspective	Activity Type	Equals	Audit Test

Name: View Base Object X Certification Assessment Results Primary Data Role

Description: Data access criteria to view Base Object X Certification Assessment result data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Base Object Results, In Edit State Assessment Base Object Results, In Review State Assessment Base Object Results, Request for Information in Review State Assessment Base Object Results, Awaiting Approval State Assessment Base Object Results, Request for Information in Approval State Assessment Base Object Results, Completed State Assessment Base Object Results, Rejected State Assessment Base Object Results, Completed State Assessment Base Object Results
Action	Data Attributes	Action	Equals	View
Activity Type	Perspective	Activity Type	Equals	Certification

Name: View Base Object X Documentation Update Assessment Results Primary Data Role

Description: Data access criteria to view Base Object X Documentation Update Assessment result data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Base Object Results, In Edit State Assessment Base Object Results, In Review State Assessment Base Object Results, Request for Information in Review State Assessment Base Object Results, Awaiting Approval State Assessment Base Object Results, Request for Information in Approval State Assessment Base Object Results, Completed State Assessment Base Object Results, Rejected State Assessment Base Object Results, Completed State Assessment Base Object Results
Action	Data Attributes	Action	Equals	View
Activity Type	Perspective	Activity Type	Equals	Documentation Update

Name: Complete Base Object X Operational Assessment Primary Data Role

Description: Data access criteria to complete Base Object X Operational Assessment data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Base Object Results, In Edit Assessment Results, Rejected State Assessment Base Object Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Operational Assessment

Name: Complete Base Object X Design Review Assessment Primary Data Role

Description: Data access criteria to complete Base Object X Design Data access criteria to review Assessment data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Base Object Results, In Edit Assessment Results, Rejected State Assessment Base Object Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Activity Type

Name: Complete Base Object X Audit Test Assessment Primary Data Role

Description: Data access criteria to complete Base Object X Audit Test Assessment data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Base Object Results, In Edit Assessment Results, Rejected State Assessment Base Object Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Audit Test

Name: Complete Base Object X Certification Assessment Primary Data Role

Description: Data access criteria to complete Base Object X Certification Assessment data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Base Object Results, In Edit Assessment Results, Rejected State Assessment Base Object Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Certification

Name: Complete Base Object X Documentation Update Assessment Primary Data Role

Description: Data access criteria to complete Base Object X Documentation Assessment data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Base Object Results, In Edit Assessment Results, Rejected State Assessment Base Object Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Documentation Update

Name: Review Base Object X Operational Assessment Results Primary Data Role

Description: Data access criteria to review Base Object X Operational Assessment results data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Review State Assessment Base Object Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Operational Assessment

Name: Review Base Object X Design Review Assessment Results Primary Data Role

Description: Data access criteria to review Base Object X Design Data access criteria to review Assessment results data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Review State Assessment Base Object Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Design Review

Name: Review Base Object X Audit Test Assessment Results Primary Data Role

Description: Data access criteria to review Base Object X Audit Test Assessment results data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Review State Assessment Base Object Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Audit Test

Name: Review Base Object X Certification Assessment Results Primary Data Role

Description: Data access criteria to review Base Object X Certification Assessment results data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Review State Assessment Base Object Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Certification

Name: Review Base Object X Documentation Update Assessment Results Primary Data Role

Description: Data access criteria to review Base Object X Documentation Update Assessment results data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Review State Assessment Base Object Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Documentation Update

Name: Approve Base Object X Operational Assessment Results Primary Data Role

Description: Data access criteria to approve Base Object X Operational Assessment results data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Awaiting Approval State Assessment Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Operational Assessment

Name: Approve Base Object X Design Review Assessment Results Primary Data Role

Description: Data access criteria to approve Base Object X Design Data access criteria to review Assessment results data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Awaiting Approval State Assessment Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Design Review

Name: Approve Base Object X Audit Test Assessment Results Primary Data Role

Description: Data access criteria to approve Base Object X Audit Test Assessment results data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Awaiting Approval State Assessment Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Audit Test

Name: Approve Base Object X Certification Assessment Results Primary Data Role

Description: Data access criteria to approve Base Object X Certification Assessment results data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Awaiting Approval State Assessment Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Certification

Name: Approve Base Object X Documentation Update Assessment Results Primary Data Role

Description: Data access criteria to approve Base Object X Documentation Update Assessment results data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Awaiting Approval State Assessment Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Documentation Update

Perspective

Name: Create Perspective Hierarchy Primary Data Role

Description: Data access criteria to create Perspective Hierarchy data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Perspective Hierarchy
Action	Data Attributes	Action	Equals	Create

Name: Delete Perspective Hierarchy Primary Data Role

Description: Data access criteria to delete Perspective Hierarchy data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Perspective Hierarchy
Action	Data Attributes	Action	Equals	Delete

Name: Edit Perspective Hierarchy Primary Data Role

Description: Data access criteria to edit Perspective Hierarchy data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Perspective Hierarchy, In Edit State Perspective Hierarchy, Rejected State Perspective Hierarchy, Approved State Perspective Hierarchy
Action	Data Attributes	Action	Equals	Edit

Name: View Perspective Hierarchy Primary Data Role

Description: Data access criteria to view Perspective Hierarchies data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Perspective Hierarchy, In Edit State Perspective Hierarchy, In Review State Perspective Hierarchy, Awaiting Approval State Perspective Hierarchy, Request for Information in Review State Perspective Hierarchy, Request for Information in Approval State Perspective Hierarchy, Rejected State Perspective Hierarchy, Approved State Perspective Hierarchy
Action	Data Attributes	Action	Equals	View

Name: Review Perspective Hierarchy Primary Data Role

Description: Data access criteria to review Perspective Hierarchy changes

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Review State Perspective Hierarchy
Action	Data Attributes	Action	Equals	Edit

Name: Approve Perspective Hierarchy Primary Data Role

Description: Data access criteria to approve Perspective Hierarchy changes

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Awaiting Approval State Perspective Hierarchy
Action	Data Attributes	Action	Equals	Edit

Name: Create Perspective Value Primary Data Role

Description: Data access criteria to create Perspective Value data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Active State Perspective Value
Action	Data Attributes	Action	Equals	Create

Name: Delete Perspective Value Primary Data Role

Description: Data access criteria to delete Perspective Value data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Active State Perspective Value
Action	Data Attributes	Action	Equals	Delete

Name: Edit Perspective Value Primary Data Role

Description: Data access criteria to edit Perspective Value data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Active State Perspective Value
Action	Data Attributes	Action	Equals	Edit

Name: View Perspective Value Primary Data Role

Description: Data access criteria to view Perspective values data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Active State Perspective Value
Action	Data Attributes	Action	Equals	View

Name: View Perspective Certification Assessment Results Primary Data Role

Description: Data access criteria to view Perspective Certification Assessment result data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Perspective Results, In Edit State Assessment Perspective Results, In Review State Assessment Perspective Results, Request for Information in Review State Assessment Perspective Results, Awaiting Approval State Assessment Perspective Results, Request for Information in Approval State Assessment Perspective Results, Completed State Assessment Perspective Results, Rejected State Assessment Perspective Results, Completed State Assessment Perspective Results
Action	Data Attributes	Action	Equals	View
Activity Type	Perspective	Activity Type	Equals	Certification

Name: Complete Perspective Certification Assessment Primary Data Role

Description: Data access criteria to complete Perspective Certification Assessment data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Perspective Results, In Edit Assessment Results, Rejected State Assessment Perspective Results
Action	Data Attributes	Action	Equals	Edit
Activity Type	Perspective	Activity Type	Equals	Certification

Issue and Remediation

Name: Create Issue Primary Data Role

Description: Data access criteria to create Issue data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Issue
Action	Data Attributes	Action	Equals	Create

Name: Delete Issue Primary Data Role

Description: Data access criteria to create Issue data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Issue
Action	Data Attributes	Action	Equals	Delete

Name: Validate Issue Primary Data Role

Description: Data access criteria to validate Issue data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Reported State Issue
Action	Data Attributes	Action	Equals	Edit

Name: Edit Issue Primary Data Role

Description: Data access criteria to edit Issue data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Issue, Reported State Issue, In Edit State Issue, Rejected State Issue, Approved State Issue
Action	Data Attributes	Action	Equals	Edit

Name: View Issue Primary Data Role

Description: Data access criteria to view Issue data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Issue, Reported State Issue, In Edit State Issue, In Review State Issue, Awaiting Approval State Issue, Request for Information in Review State Issue, Request for Information in Approval State Issue, Rejected State Issue, Approved State Issue, Final Close State Issue, Closed In Review State Issue Closed Additional Information in Review State Issue, Closed In Approval State Issue, Closed Additional Information in Approval State Issue
Action	Data Attributes	Action	Equals	View

Name: Close Issue Primary Data Role

Description: Close Issue data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Reported State Issue, In Edit State Issue, Rejected State Issue, Approved State Issue
Action	Data Attributes	Action	Equals	Edit

Name: Review Issue Primary Data Role

Description: Data access criteria to review Issue changes

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Review State Issue
Action	Data Attributes	Action	Equals	Edit

Name: Approve Issue Primary Data Role

Description: Data access criteria to approve Issue changes

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Awaiting Approval State Issue
Action	Data Attributes	Action	Equals	Edit

Name: Create Issue Object A Primary Data Role

Description: Data Access criteria to create Issue Object A data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Issue Object A
Action	Data Attributes	Action	Equals	Create

Name: Delete Issue Object A Primary Data Role

Description: Data Access criteria to delete Issue Object A data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Issue Object A
Action	Data Attributes	Action	Equals	Delete

Name: Validate Issue Object A Primary Data Role

Description: Data Access criteria to validate Issue Object A data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Reported State Issue Object A
Action	Data Attributes	Action	Equals	Edit

Name: Edit Issue Object A Primary Data Role

Description: Data Access criteria to edit Issue Object A data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Issue Object A, Reported State Issue Object A, In Edit State Issue Object A, Rejected State Issue Object A, Approved State Issue Object A
Action	Data Attributes	Action	Equals	Edit

Name: View Issue Object A Primary Data Role

Description: Data Access criteria to view Issue Object A data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Issue Object A, Reported State Issue Object A, In Edit State Issue Object A, In Review State Issue Object A, Awaiting Approval State Issue Object A, Request for Information in Review State Issue Object A, Request for Information in Approval State Issue Object A, Rejected State Issue Object A, Approved State Issue Object A, Final Close State Issue Object A, Closed In Review State Issue Object A Closed Additional Information in Review State Issue Object A, Closed In Approval State Issue Object A, Closed Additional Information in Approval State Issue Object A
Action	Data Attributes	Action	Equals	View

Name: Close Issue Object A Primary Data Role

Description: Data access criteria to close Issue Object A data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Reported State Issue Object A, In Edit State Issue Object A, Rejected State Issue Object A, Approved State Issue Object A
Action	Data Attributes	Action	Equals	Edit

Name: Review Issue Object A Primary Data Role

Description: Data access criteria for access to review Issue Object A changes

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Review State Issue Object A
Action	Data Attributes	Action	Equals	Edit

Name: Approve Issue Object A Primary Data Role

Description: Data access criteria for access to approve Issue Object A changes

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Awaiting Approval State Issue Object A
Action	Data Attributes	Action	Equals	Edit

Name: Create Remediation Plan Primary Data Role

Description: Data access criteria to create Remediation Plan data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Remediation Plan
Action	Data Attributes	Action	Equals	Create

Name: Delete Remediation Plan Primary Data Role

Description: Data access criteria to delete Remediation Plan data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Remediation Plan
Action	Data Attributes	Action	Equals	Delete

Name: Edit Remediation Plan Primary Data Role

Description: Data access criteria to edit Remediation Plan data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Remediation Plan, In Edit State Remediation Plan, Rejected State Remediation Plan, Approved State Remediation Plan
Action	Data Attributes	Action	Equals	Edit

Name: View Remediation Plan Primary Data Role

Description: Data access criteria to view Remediation Plan data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	New State Remediation Plan, In Edit State Remediation Plan, In Review State Remediation Plan, Awaiting Approval State Remediation Plan, Request for Information in Review State Remediation Plan, Request for Information in Approval State Remediation Plan, Rejected State Remediation Plan, Approved State Remediation Plan, Final Close State Remediation Plan, Completed In Review State Remediation Plan Completed Additional Information in Review State Remediation Plan, Completed In Approval State Remediation Plan, Completed Additional Information in Approval State Remediation Plan
Action	Data Attributes	Action	Equals	View

Name: Complete Remediation Plan Primary Data Role

Description: Data access criteria to complete Remediation Plan data

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Edit State Remediation Plan, Rejected State Remediation Plan, Approved State Remediation Plan
Action	Data Attributes	Action	Equals	Edit

Name: Review Remediation Plan Primary Data Role

Description: Data access criteria to review Remediation Plan changes

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	In Review State Remediation Plan
Action	Data Attributes	Action	Equals	Edit

Name: Approve Remediation Plan Primary Data Role

Description: Data access criteria to approve Remediation Plan changes

Filter Name	Object	Attribute	Condition	Value
Module	Data Attributes	Module	Equals	Financial Governance
States	Data Attributes	State	Equals	Awaiting Approval State Remediation Plan
Action	Data Attributes	Action	Equals	Edit

Assessment Components

Name: Create Assessment Template Primary Data Role

Description: Data access criteria to create assessment templates data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Template
Action	Data Attributes	Action	Equals	Create

Name: Delete Assessment Template Primary Data Role

Description: Data access criteria to delete assessment templates data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Template
Action	Data Attributes	Action	Equals	Delete

Name: Edit Assessment Template Primary Data Role

Description: Data access criteria to edit assessment templates data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Template, In Edit State Assessment Template, Rejected State Assessment Template, Approved State Assessment Template
Action	Data Attributes	Action	Equals	Edit

Name: View Assessment Templates Primary Data Role

Description: Data access criteria to view Assessment Templates data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Template, In Edit State Assessment Template, In Review State Assessment Template, Awaiting Approval State Assessment Template, Request for Information in Review State Assessment Template, Request for Information in Approval State Assessment Template, Rejected State Assessment Template, Approved State Assessment Template
Action	Data Attributes	Action	Equals	View

Name: Review Assessment Templates Primary Data Role

Description: Data access criteria to review Assessment Template changes

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Review State Assessment Template
Action	Data Attributes	Action	Equals	Edit

Name: Approve Assessment Templates Primary Data Role

Description: Data access criteria to approve Assessment Template changes

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Awaiting Approval State Assessment Template
Action	Data Attributes	Action	Equals	Edit

Name: Create Assessment Plan Primary Data Role

Description: Data access criteria to create Assessment Plans data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Plan
Action	Data Attributes	Action	Equals	Create

Name: Delete Assessment Plan Primary Data Role

Description: Data access criteria to delete Assessment Plans data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Plan
Action	Data Attributes	Action	Equals	Delete

Name: Edit Assessment Plan Primary Data Role

Description: Data access criteria to edit Assessment Plans data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Plan, In Edit State Assessment Plan, Rejected State Assessment Plan, Approved State Assessment Plan
Action	Data Attributes	Action	Equals	Edit

Name: View Assessment Plans Primary Data Role

Description: Data access criteria to view Assessment Plans data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Plan, In Edit State Assessment Plan, In Review State Assessment Plan, Awaiting Approval State Assessment Plan, Request for Information in Review State Assessment Plan, Request for Information in Approval State Assessment Plan, Rejected State Assessment Plan, Approved State Assessment Plan
Action	Data Attributes	Action	Equals	View

Name: Review Assessment Plans Primary Data Role

Description: Data access criteria to review Assessment Plan changes

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Review State Assessment Plan
Action	Data Attributes	Action	Equals	Edit

Name: Approve Assessment Plans Primary Data Role

Description: Data access criteria to approve Assessment Plan changes

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Awaiting Approval State Assessment Plan
Action	Data Attributes	Action	Equals	Edit

Name: Create Assessments Primary Data Role

Description: Data access criteria to create Assessment data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Risk, Active State Assessment Risk
Action	Data Attributes	Action	Equals	Create

Name: Edit Assessments Primary Data Role

Description: Data access criteria to edit Assessment data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Risk, Active State Assessment Risk
Action	Data Attributes	Action	Equals	Edit

Name: View Assessments Primary Data Role

Description: Data access criteria to view Assessment data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Assessment Risk, Active State Assessment Risk, Closed State Assessment Risk
Action	Data Attributes	Action	Equals	View

Survey Components

Name: Create Survey Template Primary Data Role

Description: Data access criteria to create Survey Templates data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Survey Template
Action	Data Attributes	Action	Equals	Create

Name: Delete Survey Template Primary Data Role

Description: Data access criteria to delete Survey Templates data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Survey Template
Action	Data Attributes	Action	Equals	Delete

Name: Edit Survey Template Primary Data Role

Description: Data access criteria to edit Survey Templates data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Survey Template, In Edit State Survey Template, Rejected State Survey Template, Approved State Survey Template
Action	Data Attributes	Action	Equals	Edit

Name: View Survey Template Primary Data Role

Description: Data access criteria to view Survey Templates data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Survey Template, In Edit State Survey Template, In Review State Survey Template, Awaiting Approval State Survey Template, Request for Information in Review State Survey Template, Request for Information in Approval State Survey Template, Rejected State Survey Template, Approved State Survey Template
Action	Data Attributes	Action	Equals	View

Name: Review Survey Template Primary Data Role

Description: Data access criteria to review Survey Template changes

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	In Review State Survey Template
Action	Data Attributes	Action	Equals	Edit

Name: Approve Survey Template Primary Data Role

Description: Data access criteria to approve Survey Template changes

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Awaiting Approval State Survey Template
Action	Data Attributes	Action	Equals	Edit

Name: Survey Questions Primary Data Role

Description: Survey Questions data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Active State Survey Questions
Action	Data Attributes	Action	Equals	Create
Action	Data Attributes	Action	Equals	Edit
Action	Data Attributes	Action	Equals	View

Name: Create Survey Primary Data Role

Description: Data access criteria to create Assessment data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Survey, Open State Survey
Action	Data Attributes	Action	Equals	Create

Name: Edit Survey Primary Data Role

Description: Data access criteria to edit Assessment data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Survey, Open State Survey
Action	Data Attributes	Action	Equals	Edit

Name: View Survey Primary Data Role

Description: Data access criteria to view Survey data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	New State Survey, Open State Survey, Closed State Survey
Action	Data Attributes	Action	Equals	View

Name: Complete Survey Primary Data Role

Description: Data access criteria to complete a survey data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Open State Survey
Action	Data Attributes	Action	Equals	Edit

Name: View Survey Response Primary Data Role

Description: Data access criteria to view a completed survey data

Filter Name	Object	Attribute	Condition	Value
States	Data Attributes	State	Equals	Open State Survey, Closed State Survey
Action	Data Attributes	Action	Equals	View

Composite Data Roles

The following tables contain the seeded composite data roles.

Proposed Risk

Name: Proposed Risk Data Role

Description: Composite data role for access to create Proposed Risk data

Filter Name	Object	Attribute	Condition	Data Role
Create	Data Attributes	Data Role	Equals	Create Proposed Risk Primary Data Role
Delete	Data Attributes	Data Role	Equals	Delete Proposed Risk Primary Data Role

Name: Proposed Risk Manager Data Role

Description: Access to Proposed Risk

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Edit Proposed Risk Primary Data Role
View	Data Attributes	Data Role	Equals	View Proposed Risk Primary Data Role

Name: Proposed Risk Viewer Data Role

Description: Composite data role for access to view Proposed Risk data

Filter Name	Object	Attribute	Condition	Data Role
View	Data Attributes	Data Role	Equals	View Proposed Risk Primary Data Role

Risk

Name: Risk Manager Data Role

Description: Composite data role for access to edit Risk data

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Edit Risk Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Assessment Results Primary Data Role
View Certification	Data Attributes	Data Role	Equals	View Risk Certification Assessment Results Primary Data Role
View Audit Test	Data Attributes	Data Role	Equals	View Risk Audit Assessment Results Primary Data Role
Create	Data Attributes	Data Role	Equals	Create Risk Primary Data Role
Delete	Data Attributes	Data Role	Equals	Delete Risk Primary Data Role

Name: Risk Viewer Data Role

Description: Composite data role for access to view Risk data

Filter Name	Object	Attribute	Condition	Data Role
View	Data Attributes	Data Role	Equals	View Risk Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Assessment Results Primary Data Role
View Certification	Data Attributes	Data Role	Equals	View Risk Certification Assessment Results Primary Data Role
View Audit Test	Data Attributes	Data Role	Equals	View Risk Audit Assessment Results Primary Data Role

Name: Risk Reviewer Data Role

Description: Composite data role for access to review Risk changes

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Risk Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Primary Data Role
View Assessment`	Data Attributes	Data Role	Equals	View Risk Assessment Results Primary Data Role
View Certification	Data Attributes	Data Role	Equals	View Risk Certification Assessment Results Primary Data Role
View Audit Test	Data Attributes	Data Role	Equals	View Risk Audit Assessment Results Primary Data Role

Name: Risk Approver Data Role

Description: Composite data role for access to approve Risk changes

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Risk Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Assessment Results Primary Data Role
View Certification	Data Attributes	Data Role	Equals	View Risk Certification Assessment Results Primary Data Role
View Audit Test	Data Attributes	Data Role	Equals	View Risk Audit Assessment Results Primary Data Role

Name: Risk Assessment Result Viewer Data Role

Description: Composite data role for access to view Risk Assessment Results data

Filter Name	Object	Attribute	Condition	Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Primary Data Role

Name: Risk Certification Assessment Result Viewer Data Role

Description: Composite data role for access to view Risk Object X Assessment Results with type of Certification

Filter Name	Object	Attribute	Condition	Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Certification Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Primary Data Role

Name: Risk Audit Assessment Result Viewer Data Role

Description: Composite data role for access to view Risk Object X Assessment Results with type of Audit Test

Filter Name	Object	Attribute	Condition	Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Audit Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Primary Data Role

Name: Risk Assessor Data Role

Description: Composite data role for access to complete Risk Object X Assessment data

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Risk Assessments Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Assessment Results Primary Data Role

Name: Risk Certification Assessor Data Role

Description: Composite data role for access to complete Risk Assessment Results with type of Certification

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Risk Certification Assessment Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Certification Assessment Results Primary Data Role

Name: Risk Audit Assessor Data Role

Description: Composite data role for access to complete Risk Assessment Results with type of Audit

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Risk Audit Assessment Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Audit Assessment Results Primary Data Role

Name: Risk Assessment Reviewer Data Role

Description: Composite data role for access to review Risk Assessment Results data

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Risk Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Assessment Results Primary Data Role

Name: Risk Certification Assessment Reviewer Data Role

Description: Composite data role for access to review Risk Assessment Results with type of Certification

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Risk Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Assessment Results Primary Data Role

Name: Risk Audit Assessment Reviewer Data Role

Description: Composite data role for access to review Risk Assessment Results with type of Audit

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Risk Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Assessment Results Primary Data Role

Name: Risk Assessment Approver Data Role

Description: Composite data role for access to approve Risk Assessment data

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Risk Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Assessment Results Primary Data Role

Name: Risk Certification Assessment Approver Data Role

Description: Composite data role for access to approve Risk Assessment Results with type of Certification

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Risk Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Assessment Results Primary Data Role

Name: Risk Audit Assessment Approver Data Role

Description: Composite data role for access to approve Risk Assessment Results with type of Audit

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Risk Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Assessment Results Primary Data Role

Name: Risk Analysis Manager Data Role

Description: Composite data role for access to create Risk Analysis data

Filter Name	Object	Attribute	Condition	Data Role
Create	Data Attributes	Data Role	Equals	Create Risk Analysis Primary Data Role
Delete	Data Attributes	Data Role	Equals	Delete Risk Analysis Primary Data Role
Edit	Data Attributes	Data Role	Equals	Edit Risk Analysis Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Analysis Primary Data Role
View Risk	Data Attributes	Data Role	Equals	View Risk Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Assessment Results Primary Data Role

Name: Risk Analyzer Data Role

Description: Composite data role for access to complete the Risk Analysis data

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Risk Analysis Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Analysis Primary Data Role
View Risk	Data Attributes	Data Role	Equals	View Risk Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Assessment Results Primary Data Role

Name: Risk Evaluation Manager Data Role

Description: Composite data role for access to create Risk Evaluation data

Filter Name	Object	Attribute	Condition	Data Role
Create	Data Attributes	Data Role	Equals	Create Risk Evaluation Primary Data Role
Delete	Data Attributes	Data Role	Equals	Delete Risk Evaluation Primary Data Role
Edit	Data Attributes	Data Role	Equals	Edit Risk Evaluation Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Evaluation Primary Data Role
View Risk	Data Attributes	Data Role	Equals	View Risk Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Assessment Results Primary Data Role

Name: Risk Evaluator Data Role

Description: Composite data role for access to complete Risk Evaluation data

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Risk Evaluation Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Evaluation Primary Data Role
View Risk	Data Attributes	Data Role	Equals	View Risk Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Assessment Results Primary Data Role

Name: Reporting Risk Access Data Role

Description: Composite data role for access for reporting Risk data

Filter Name	Object	Attribute	Condition	Data Role
View Risk	Data Attributes	Data Role	Equals	View Risk Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Assessment Results Primary Data Role
View Certification	Data Attributes	Data Role	Equals	View Risk Certification Assessment Results Primary Data Role
View Audit Test	Data Attributes	Data Role	Equals	View Risk Audit Assessment Results Primary Data Role

The module template includes a set of standard risk objects, labeled A–J. In the following records, the value *X* indicates a set of values, one each for A, B, C, D, E, F, G, H, I, and J.

Name: Risk Object X Manager Data Role
Description: Composite data role for access to edit Risk Object X data

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Edit Risk Object X Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Object X Assessment Results Primary Data Role
View Certification	Data Attributes	Data Role	Equals	View Risk Object X Certification Assessment Results Primary Data Role
View Audit Test	Data Attributes	Data Role	Equals	View Risk Object X Audit Assessment Results Primary Data Role
Create	Data Attributes	Data Role	Equals	Create Risk Object X Primary Data Role
Delete	Data Attributes	Data Role	Equals	Delete Risk Object X Primary Data Role

Name: Risk Object X Viewer Data Role
Description: Composite data role for access to view Risk Object X data

Filter Name	Object	Attribute	Condition	Data Role
View	Data Attributes	Data Role	Equals	View Risk Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Object X Assessment Results Primary Data Role
View Certification	Data Attributes	Data Role	Equals	View Risk Object X Certification Assessment Results Primary Data Role
View Audit Test	Data Attributes	Data Role	Equals	View Risk Object X Audit Assessment Results Primary Data Role

Name: Risk Object X Reviewer Data Role

Description: Composite data role for access to review Risk Object X changes

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Risk Object X Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Object X Assessment Results Primary Data Role
View Certification	Data Attributes	Data Role	Equals	View Risk Object X Certification Assessment Results Primary Data Role
View Audit Test	Data Attributes	Data Role	Equals	View Risk Object X Audit Assessment Results Primary Data Role

Name: Risk Object X Approver Data Role

Description: Composite data role for access to approve Risk Object X changes

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Risk Object X Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Object X Assessment Results Primary Data Role
View Certification	Data Attributes	Data Role	Equals	View Risk Object X Certification Assessment Results Primary Data Role
View Audit Test	Data Attributes	Data Role	Equals	View Risk Object X Audit Assessment Results Primary Data Role

Name: Risk Object X Assessment Result Viewer Data Role

Description: Composite data role for access to view Risk Object X Assessment Results data

Filter Name	Object	Attribute	Condition	Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Object X Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Object X Primary Data Role

Name: Risk Object X Certification Assessment Result Viewer Data Role

Description: Composite data role for access to view Risk Object X Assessment Results with type of Certification

Filter Name	Object	Attribute	Condition	Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Object X Certification Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Object X Primary Data Role

Name: Risk Object X Audit Assessment Result Viewer Data Role

Description: Composite data role for access to view Risk Object X Assessment Results with type of Audit Test

Filter Name	Object	Attribute	Condition	Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Object X Audit Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Object X Primary Data Role

Name: Risk Object X Assessor Data Role

Description: Composite data role for access to complete Risk Object X Assessment data

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Risk Object X Assessments Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Object X Assessment Results Primary Data Role

Name: Risk Object X Certification Assessor Data Role

Description: Composite data role for access to complete Risk Object X Assessment Results with type of Certification

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Risk Object X Certification Assessment Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Object X Certification Assessment Results Primary Data Role

Name: Risk Object X Audit Assessor Data Role

Description: Composite data role for access to complete Risk Object X Audit Assessment data

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Risk Object X Audit Assessment Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Object X Audit Assessment Results Primary Data Role

Name: Risk Object X Assessment Reviewer Data Role

Description: Composite data role for access to review Risk Object X Assessment Results data

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Risk Object X Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Object X Assessment Results Primary Data Role

Name: Risk Object X Certification Assessment Reviewer Data Role

Description: Composite data role for access to review Risk Object X Assessment Results with type of Certification

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Risk Object X Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Object X Assessment Results Primary Data Role

Name: Risk Object X Audit Assessment Reviewer Data Role

Description: Composite data role for access to review Risk Object X Assessment Results with type of Audit Test

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Risk Object X Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Object X Assessment Results Primary Data Role

Name: Risk Object X Assessment Approver Data Role

Description: Composite data role for access to approve Risk Object X Assessment data

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Risk Object X Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Object X Assessment Results Primary Data Role

Name: Risk Object X Certification Assessment Approver Data Role

Description: Composite data role for access to approve Risk Object X Assessment Results with type of Certification

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Risk Object X Assessment Results Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Object X Assessment Results Primary Data Role

Name: Risk Object X Audit Assessment Approver Data Role

Description: Composite data role for access to approve Risk Object X Assessment Results with type of Audit Test

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Risk Object X Assessment Results Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Object X Assessment Results Primary Data Role

Name: Risk Object X Analysis Manager Data Role

Description: Composite data role for access to create Risk Object X Analysis data

Filter Name	Object	Attribute	Condition	Data Role
Create	Data Attributes	Data Role	Equals	Create Risk Object X Analysis Primary Data Role
Delete	Data Attributes	Data Role	Equals	Delete Risk Object X Analysis Primary Data Role
Edit	Data Attributes	Data Role	Equals	Edit Risk Object X Analysis Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Object X Analysis Primary Data Role

Name: Risk Object X Analyzer Data Role

Description: Composite data role for access to complete the Risk Object X Analysis data

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Risk Object X Analysis Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Object X Analysis Primary Data Role

Name: Risk Object X Evaluation Manager Data Role

Description: Composite data role for access to create Risk Object X Evaluation data

Filter Name	Object	Attribute	Condition	Data Role
Create	Data Attributes	Data Role	Equals	Create Risk Object X Evaluation Primary Data Role
Delete	Data Attributes	Data Role	Equals	Delete Risk Object X Evaluation Primary Data Role
Edit	Data Attributes	Data Role	Equals	Edit Risk Object X Evaluation Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Object X Evaluation Primary Data Role

Name: Risk Object X Evaluator Data Role

Description: Composite data role for access to complete Risk Object X Evaluation data

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Risk Object X Evaluation Primary Data Role
View	Data Attributes	Data Role	Equals	View Risk Object X Evaluation Primary Data Role

Name: Reporting Risk Object X Access Data Role

Description: Composite data role for access for reporting Risk Object X data

Filter Name	Object	Attribute	Condition	Data Role
View Risk	Data Attributes	Data Role	Equals	View Risk Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Risk Object X Assessment Results Primary Data Role
View Certification	Data Attributes	Data Role	Equals	View Risk Object X Certification Assessment Results Primary Data Role
View Audit Test	Data Attributes	Data Role	Equals	View Risk Object X Audit Assessment Results Primary Data Role

Risk Models

Name: Risk Analysis Model Manager Data Role

Description: Composite data role for access to create and edit all the risk analysis models data

Filter Name	Object	Attribute	Condition	Data Role
Create Analysis	Data Attributes	Data Role	Equals	Create Risk Analysis Model Primary Data Role
Create Likelihood	Data Attributes	Data Role	Equals	Create Risk Likelihood Model Primary Data Role
Create Impact	Data Attributes	Data Role	Equals	Create Risk Impact Model Primary Data Role
Edit Analysis	Data Attributes	Data Role	Equals	Edit Risk Analysis Model Primary Data Role
Edit Likelihood	Data Attributes	Data Role	Equals	Edit Risk Analysis Model Primary Data Role
Edit Impact	Data Attributes	Data Role	Equals	Edit Risk Impact Model Primary Data Role
View Analysis	Data Attributes	Data Role	Equals	View Risk Analysis Model Primary Data Role
View Likelihood	Data Attributes	Data Role	Equals	View Risk Likelihood Model Primary Data Role
View Impact	Data Attributes	Data Role	Equals	View Risk Impact Model Primary Data Role

Name: Risk Analysis Models Viewer Data Role

Description: Composite data role for access to view all the risk analysis models data

Filter Name	Object	Attribute	Condition	Data Role
View Analysis	Data Attributes	Data Role	Equals	View Risk Analysis Model Primary Data Role
View Likelihood	Data Attributes	Data Role	Equals	View Risk Likelihood Model Primary Data Role
View Impact	Data Attributes	Data Role	Equals	View Risk Impact Model Primary Data Role

Name: Risk Evaluation Models Manager Data Role

Description: Composite data role for access to create all the risk evaluation models data

Filter Name	Object	Attribute	Condition	Data Role
Create Context	Data Attributes	Data Role	Equals	Create Risk Context Model Primary Data Role
Create Significance	Data Attributes	Data Role	Equals	Create Risk Significance Model Primary Data Role
Edit Context	Data Attributes	Data Role	Equals	Edit Risk Context Model Primary Data Role
Edit Significance	Data Attributes	Data Role	Equals	Edit Risk Significance Model Primary Data Role
View Context	Data Attributes	Data Role	Equals	View Risk Context Model Primary Data Role
View Significance	Data Attributes	Data Role	Equals	View Risk Significance Model Primary Data Role

Name: Risk Evaluation Models Viewer Data Role

Description: Composite data role for access to view all the risk evaluation models data

Filter Name	Object	Attribute	Condition	Data Role
View Context	Data Attributes	Data Role	Equals	View Risk Context Model Primary Data Role
View Significance	Data Attributes	Data Role	Equals	View Risk Significance Model Primary Data Role

Control

Name: Control Manager Data Role

Description: Composite data role for access to edit Control data

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Edit Control Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Operational Assessment Results Primary Data Role
View Design Review	Data Attributes	Data Role	Equals	View Control Design Review Assessment Results Primary Data Role
View Audit Test	Data Attributes	Data Role	Equals	View Control Audit Test Assessment Results Primary Data Role
View Certification	Data Attributes	Data Role	Equals	View Control Certification Assessment Results Primary Data Role
Create	Data Attributes	Data Role	Equals	Create Control Primary Data Role
Delete	Data Attributes	Data Role	Equals	Delete Control Primary Data Role

Name: Control Viewer Data Role

Description: Composite data role for access to view Control data

Filter Name	Object	Attribute	Condition	Data Role
View	Data Attributes	Data Role	Equals	View Control Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Operational Assessment Results Primary Data Role
View Design Review	Data Attributes	Data Role	Equals	View Control Design Review Assessment Results Primary Data Role
View Audit Test	Data Attributes	Data Role	Equals	View Control Audit Test Assessment Results Primary Data Role
View Certification	Data Attributes	Data Role	Equals	View Control Certification Assessment Results Primary Data Role

Name: Control Reviewer Data Role

Description: Composite data role for access to review Control changes

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Control Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Operational Assessment Results Primary Data Role
View Design Review	Data Attributes	Data Role	Equals	View Control Design Review Assessment Results Primary Data Role
View Audit Test	Data Attributes	Data Role	Equals	View Control Audit Test Assessment Results Primary Data Role
View Certification	Data Attributes	Data Role	Equals	View Control Certification Assessment Results Primary Data Role

Name: Control Approver Data Role

Description: Composite data role for access to approve Control changes

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Control Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Operational Assessment Results Primary Data Role
View Design Review	Data Attributes	Data Role	Equals	View Control Design Review Assessment Results Primary Data Role
View Audit Test	Data Attributes	Data Role	Equals	View Control Audit Test Assessment Results Primary Data Role
View Certification	Data Attributes	Data Role	Equals	View Control Certification Assessment Results Primary Data Role

Name: Control Operational Assessor Data Role

Description: Composite data role for access to complete Control Assessment Results with type of Operational Assessment

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Control Operational Assessment Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Operational Assessment Results Primary Data Role

Name: Control Design Review Assessor Data Role

Description: Composite data role for access to complete Control Assessment Results with type of Design Review

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Control Design Review Assessment Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Design Review Assessment Results Primary Data Role

Name: Control Audit Test Assessor Data Role

Description: Composite data role for access to complete Control Assessment Results with type of Audit Test

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Control Audit Test Assessment Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Audit Test Assessment Results Primary Data Role

Name: Control Certification Assessor Data Role

Description: Composite data role for access to complete Control Assessment Results with type of Certification

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Control Certification Assessment Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Certification Assessment Results Primary Data Role

Name: Control Operational Assessment Reviewer Data Role

Description: Composite data role for access to review Control Assessment Results with type of Operational Assessment

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Control Operational Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Operational Assessment Results Primary Data Role

Name: Control Design Review Assessment Reviewer Data Role

Description: Composite data role for access to review Control Assessment Results with type of Design Review

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Control Design Review Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Design Review Assessment Results Primary Data Role

Name: Control Audit Test Assessment Reviewer Data Role

Description: Composite data role for access to review Control Assessment Results with type of Audit Test

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Control Audit Test Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Audit Test Assessment Results Primary Data Role

Name: Control Certification Assessment Reviewer Data Role

Description: Composite data role for access to review Control Certification Test Assessment data

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Control Certification Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Certification Assessment Results Primary Data Role

Name: Control Operational Assessment Approver Data Role

Description: Composite data role for access to approve Control Operational Assessments data

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Control Operational Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Operational Assessment Results Primary Data Role

Name: Control Design Review Assessment Approver Data Role

Description: Composite data role for access to approve Control Assessment Results with type of Design Review

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Control Design Review Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Design Review Assessment Results Primary Data Role

Name: Control Audit Test Assessment Approver Data Role

Description: Composite data role for access to approve Control Assessment Results with type of Audit Test

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Control Audit Test Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Audit Test Assessment Results Primary Data Role

Name: Control Certification Assessment Approver Data Role

Description: Composite data role for access to approve Control Assessment Results with type of Certification

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Control Certification Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Certification Assessment Results Primary Data Role

Name: Control Reporting Data Role

Description: Composite data role for access for reporting Control data

Filter Name	Object	Attribute	Condition	Data Role
View	Data Attributes	Data Role	Equals	View Control Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Operational Assessment Results Primary Data Role
View Design Review	Data Attributes	Data Role	Equals	View Control Design Review Assessment Results Primary Data Role
View Audit Test	Data Attributes	Data Role	Equals	View Control Audit Test Assessment Results Primary Data Role

The module template includes a set of standard control objects, labeled A–J. In the following records, the value *X* indicates a set of values, one each for A, B, C, D, E, F, G, H, I, and J.

Name: Control Object X Manager Data Role

Description: Composite data role for access to edit Control Object X data

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Edit Control Object X Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Object X Operational Assessment Results Primary Data Role
View Design Review	Data Attributes	Data Role	Equals	View Control Object X Design Review Assessment Results Primary Data Role
View Audit Test	Data Attributes	Data Role	Equals	View Control Object X Audit Test Assessment Results Primary Data Role
View Certification	Data Attributes	Data Role	Equals	View Control Object X Certification Assessment Results Primary Data Role
Create	Data Attributes	Data Role	Equals	Create Control Object X Primary Data Role
Delete	Data Attributes	Data Role	Equals	Delete Control Object X Primary Data Role

Name: Control Object X Viewer Data Role

Description: Composite data role for access to view Control Object X data

Filter Name	Object	Attribute	Condition	Data Role
View	Data Attributes	Data Role	Equals	View Control Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Object X Operational Assessment Results Primary Data Role
View Design Review	Data Attributes	Data Role	Equals	View Control Object X Design Review Assessment Results Primary Data Role
View Audit Test	Data Attributes	Data Role	Equals	View Control Object X Audit Test Assessment Results Primary Data Role
View Certification	Data Attributes	Data Role	Equals	View Control Object X Certification Assessment Results Primary Data Role

Name: Control Object X Reviewer Data Role

Description: Composite data role for access to review Control Object X changes

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Control Object X Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Object X Operational Assessment Results Primary Data Role
View Design Review	Data Attributes	Data Role	Equals	View Control Object X Design Review Assessment Results Primary Data Role
View Audit Test	Data Attributes	Data Role	Equals	View Control Object X Audit Test Assessment Results Primary Data Role
View Certification	Data Attributes	Data Role	Equals	View Control Object X Certification Assessment Results Primary Data Role

Name: Control Object X Approver Data Role

Description: Composite data role for access to approve Control Object X changes

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Control Object X Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Object X Operational Assessment Results Primary Data Role
View Design Review	Data Attributes	Data Role	Equals	View Control Object X Design Review Assessment Results Primary Data Role
View Audit Test	Data Attributes	Data Role	Equals	View Control Object X Audit Test Assessment Results Primary Data Role
View Certification	Data Attributes	Data Role	Equals	View Control Object X Certification Assessment Results Primary Data Role

Name: Control Object X Operational Assessor Data Role

Description: Composite data role for access to complete Control Object X Assessment Results with type of Operational Assessment

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Control Object X Operational Assessment Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Object X Operational Assessment Results Primary Data Role

Name: Control Object X Design Review Assessor Data Role

Description: Composite data role for access to complete Control Object X Assessment Results with type of Design Review

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Control Object X Design Review Assessment Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Object X Design Review Assessment Results Primary Data Role

Name: Control Object X Audit Test Assessor Data Role

Description: Composite data role for access to complete Control Object X Assessment Results with type of Audit Test

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Control Object X Audit Test Assessment Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Object X Audit Test Assessment Results Primary Data Role

Name: Control Object X Certification Assessor Data Role

Description: Composite data role for access to complete Control Object X Assessment Results with type of Certification

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Control Object X Certification Assessment Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Object X Certification Assessment Results Primary Data Role

Name: Control Object X Operational Assessment Reviewer Data Role

Description: Composite data role for access to review Control Object X Assessment Results with type of Operational Assessment

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Control Object X Operational Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Object X Operational Assessment Results Primary Data Role

Name: Control Object X Design Review Assessment Reviewer Data Role

Description: Composite data role for access to review Control Object X Assessment Results with type of Design Review

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Control Object X Design Review Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Object X Design Review Assessment Results Primary Data Role

Name: Control Object X Audit Test Assessment Reviewer Data Role

Description: Composite data role for access to review Control Object X Assessment Results with type of Audit Test

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Control Object X Audit Test Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Object X Audit Test Assessment Results Primary Data Role

Name: Control Object X Certification Assessment Reviewer Data Role

Description: Composite data role for access to review Control Object X Certification Test Assessment data

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Control Object X Certification Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Object X Certification Assessment Results Primary Data Role

Name: Control Object X Operational Assessment Approver Data Role

Description: Composite data role for access to approve Control Object X Operational Assessments data

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Control Object X Operational Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Object X Operational Assessment Results Primary Data Role

Name: Control Object X Design Review Assessment Approver Data Role

Description: Composite data role for access to approve Control Object X Assessment Results with type of Design Review

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Control Object X Design Review Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Object X Design Review Assessment Results Primary Data Role

Name: Control Object X Audit Test Assessment Approver Data Role

Description: Composite data role for access to approve Control Object X Assessment Results with type of Audit Test

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Control Object X Audit Test Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Object X Audit Test Assessment Results Primary Data Role

Name: Control Object X Certification Assessment Approver Data Role

Description: Composite data role for access to approve Control Object X Assessment Results with type of Certification

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Control Object X Certification Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Control Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Object X Certification Assessment Results Primary Data Role

Name: Control Object X Reporting Data Role

Description: Composite data role for access for reporting Control Object X data

Filter Name	Object	Attribute	Condition	Data Role
View	Data Attributes	Data Role	Equals	View Control Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Control Object X Operational Assessment Results Primary Data Role
View Design Review	Data Attributes	Data Role	Equals	View Control Object X Design Review Assessment Results Primary Data Role
View Audit Test	Data Attributes	Data Role	Equals	View Control Object X Audit Test Assessment Results Primary Data Role
View Certification	Data Attributes	Data Role	Equals	View Control Object X Certification Assessment Results Primary Data Role

Process

Name: Process Manager Data Role

Description: Composite data role for access to edit Process data

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Edit Process Primary Data Role
View	Data Attributes	Data Role	Equals	View Process Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Process Operational Assessment Results Primary Data Role
View Design Review	Data Attributes	Data Role	Equals	View Process Design Review Assessment Results Primary Data Role
View Audit Test	Data Attributes	Data Role	Equals	View Process Audit Test Assessment Results Primary Data Role
View Certification	Data Attributes	Data Role	Equals	View Process Certification Assessment Results Primary Data Role
View Documentation Update	Data Attributes	Data Role	Equals	View Process Documentation Update Assessment Results Primary Data Role
Create	Data Attributes	Data Role	Equals	Create Process Primary Data Role
Delete	Data Attributes	Data Role	Equals	Delete Process Primary Data Role

Name: Process Viewer Data Role

Description: Composite data role for access to view Process data

Filter Name	Object	Attribute	Condition	Data Role
View	Data Attributes	Data Role	Equals	View Process Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Process Operational Assessment Results Primary Data Role
View Design Review	Data Attributes	Data Role	Equals	View Process Design Review Assessment Results Primary Data Role
View Audit Test	Data Attributes	Data Role	Equals	View Process Audit Test Assessment Results Primary Data Role
View Certification	Data Attributes	Data Role	Equals	View Process Certification Assessment Results Primary Data Role
View Documentation Update	Data Attributes	Data Role	Equals	View Process Documentation Update Assessment Results Primary Data Role

Name: Process Reviewer Data Role

Description: Composite data role for access to review Process changes

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Process Primary Data Role
View	Data Attributes	Data Role	Equals	View Process Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Process Assessment Results Primary Data Role

Name: Process Approver Data Role

Description: Composite data role for access to approve Process changes

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Process Primary Data Role
View	Data Attributes	Data Role	Equals	View Process Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Process Assessment Results Primary Data Role

Name: Complete Process Operational Assessment Data Role

Description: Composite data role for access to complete Process Assessment Results with type of Operational Assessment

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Process Operational Assessments Primary Data Role
View	Data Attributes	Data Role	Equals	View Process Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Process Operational Assessment Results Primary Data Role

Name: Complete Process Design Review Assessment Data Role

Description: Composite data role for access to complete Process Assessment Results with type of Design Review

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Process Design Review Assessments Primary Data Role
View	Data Attributes	Data Role	Equals	View Process Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Process Design Review Assessment Results Primary Data Role

Name: Complete Process Audit Test Assessment Data Role

Description: Composite data role for access to complete Process Assessment Results with type of Audit Test

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Process Audit Test Assessments Primary Data Role
View	Data Attributes	Data Role	Equals	View Process Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Process Audit Test Assessment Results Primary Data Role

Name: Complete Process Certification Assessment Data Role

Description: Composite data role for access to complete Process Assessment Results with type of Certification

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Process Certification Assessments Primary Data Role
View	Data Attributes	Data Role	Equals	View Process Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Process Certification Assessment Results Primary Data Role

Name: Complete Process Documentation Update Assessment Data Role

Description: Composite data role for access to complete Process Assessment Results with type of Documentation Update

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Process Documentation Update Assessments Primary Data Role
View	Data Attributes	Data Role	Equals	View Process Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Process Documentation Update Assessment Results Primary Data Role

Name: Process Operational Assessment Reviewer Data Role

Description: Composite data role for access to review Process Assessment Results with type of Operational Assessment

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Process Operational Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Process Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Process Operational Assessment Results Primary Data Role

Name: Process Design Review Assessment Reviewer Data Role

Description: Composite data role for access to review Process Assessment Results with type of Design Review

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Process Design Review Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Process Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Process Design Review Assessment Results Primary Data Role

Name: Process Audit Test Assessment Reviewer Data Role

Description: Composite data role for access to review Process Assessment Results with type of Audit Test

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Process Audit Test Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Process Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Process Audit Test Assessment Results Primary Data Role

Name: Process Certification Assessment Reviewer Data Role

Description: Composite data role for access to review Process Assessment Results with type of Certification

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Process Certification Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Process Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Process Certification Assessment Results Primary Data Role

Name: Process Documentation Update Assessment Reviewer Data Role

Description: Composite data role for access to review Process Assessment Results with type of Documentation Update

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Process Documentation Update Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Process Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Process Documentation Update Assessment Results Primary Data Role

Name: Process Operational Assessment Approver Data Role

Description: Composite data role for access to approve Process Assessment Results with type of Operational Assessment

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Process Operational Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Process Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Process Operational Assessment Results Primary Data Role

Name: Process Design Review Assessment Approver Data Role

Description: Composite data role for access to approve Process Assessment Results with type of Design Review

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Process Design Review Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Process Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Process Design Review Assessment Results Primary Data Role

Name: Process Audit Test Assessment Approver Data Role

Description: Composite data role for access to approve Process Assessment Results with type of Audit Test

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Process Audit Test Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Process Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Process Audit Test Assessment Results Primary Data Role

Name: Process Certification Assessment Approver Data Role

Description: Composite data role for access to approve Process Assessment Results with type of Certification

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Process Certification Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Process Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Process Certification Assessment Results Primary Data Role

Name: Process Documentation Update Assessment Approver Data Role

Description: Composite data role for access to approve Process Assessment Results with type of Documentation Update

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Process Documentation Update Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Process Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Process Audit Test Assessment Results Primary Data Role

Name: Process Reporting Data Role

Description: Composite data role for access for reporting Process data

Filter Name	Object	Attribute	Condition	Data Role
View	Data Attributes	Data Role	Equals	View Process Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Process Operational Assessment Results Primary Data Role
View Design Review	Data Attributes	Data Role	Equals	View Process Design Review Assessment Results Primary Data Role
View Audit Test	Data Attributes	Data Role	Equals	View Process Audit Test Assessment Results Primary Data Role
View Certification	Data Attributes	Data Role	Equals	View Process Certification Assessment Results Primary Data Role
View Documentation Update	Data Attributes	Data Role	Equals	View Process Documentation Update Assessment Results Primary Data Role

Base objects: Create six sets of these data roles, one for each base object in the module template. Where you see "Base Object X," change the X to A, B, C, D, E, or F when you build out each set.

Name: Base Object X Manager Data Role

Description: Composite data role for access to edit Base Object X data

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Edit Base Object X Primary Data Role
View	Data Attributes	Data Role	Equals	View Base Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Base Object X Operational Assessment Results Primary Data Role
View Design Review	Data Attributes	Data Role	Equals	View Base Object X Design Review Assessment Results Primary Data Role
View Audit Test	Data Attributes	Data Role	Equals	View Base Object X Audit Test Assessment Results Primary Data Role
View Certification	Data Attributes	Data Role	Equals	View Base Object X Certification Assessment Results Primary Data Role
View Documentation Update	Data Attributes	Data Role	Equals	View Base Object X Documentation Update Assessment Results Primary Data Role
Create	Data Attributes	Data Role	Equals	Create Base Object X Primary Data Role
Delete	Data Attributes	Data Role	Equals	Delete Base Object X Primary Data Role

Name: Base Object X Viewer Data Role

Description: Composite data role for access to view Base Object X data

Filter Name	Object	Attribute	Condition	Data Role
View	Data Attributes	Data Role	Equals	View Base Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Base Object X Operational Assessment Results Primary Data Role
View Design Review	Data Attributes	Data Role	Equals	View Base Object X Design Review Assessment Results Primary Data Role
View Audit Test	Data Attributes	Data Role	Equals	View Base Object X Audit Test Assessment Results Primary Data Role
View Certification	Data Attributes	Data Role	Equals	View Base Object X Certification Assessment Results Primary Data Role
View Documentation Update	Data Attributes	Data Role	Equals	View Base Object X Documentation Update Assessment Results Primary Data Role

Name: Base Object X Reviewer Data Role

Description: Composite data role for access to review Base Object X changes

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Base Object X Primary Data Role
View	Data Attributes	Data Role	Equals	View Base Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Base Object X Assessment Results Primary Data Role

Name: Base Object X Approver Data Role

Description: Composite data role for access to approve Base Object X changes

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Base Object X Primary Data Role
View	Data Attributes	Data Role	Equals	View Base Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Base Object X Assessment Results Primary Data Role

Name: Complete Base Object X Operational Assessment Data Role

Description: Composite data role for access to complete Base Object X Assessment Results with type of Operational Assessment

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Base Object X Operational Assessments Primary Data Role
View	Data Attributes	Data Role	Equals	View Base Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Base Object X Operational Assessment Results Primary Data Role

Name: Complete Base Object X Design Review Assessment Data Role

Description: Composite data role for access to complete Base Object X Assessment Results with type of Design Review

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Base Object X Design Review Assessments Primary Data Role
View	Data Attributes	Data Role	Equals	View Base Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Base Object X Design Review Assessment Results Primary Data Role

Name: Complete Base Object X Audit Test Assessment Data Role

Description: Composite data role for access to complete Base Object X Assessment Results with type of Audit Test

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Base Object X Audit Test Assessments Primary Data Role
View	Data Attributes	Data Role	Equals	View Base Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Base Object X Audit Test Assessment Results Primary Data Role

Name: Complete Base Object X Certification Assessment Data Role

Description: Composite data role for access to complete Base Object X Assessment Results with type of Certification

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Base Object X Certification Assessments Primary Data Role
View	Data Attributes	Data Role	Equals	View Base Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Base Object X Certification Assessment Results Primary Data Role

Name: Complete Base Object X Documentation Update Assessment Data Role

Description: Composite data role for access to complete Base Object X Assessment Results with type of Documentation Update

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Base Object X Documentation Update Assessments Primary Data Role
View	Data Attributes	Data Role	Equals	View Base Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Base Object X Documentation Update Assessment Results Primary Data Role

Name: Base Object X Operational Assessment Reviewer Data Role

Description: Composite data role for access to review Base Object X Assessment Results with type of Operational Assessment

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Base Object X Operational Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Base Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Base Object X Operational Assessment Results Primary Data Role

Name: Base Object X Design Review Assessment Reviewer Data Role

Description: Composite data role for access to review Base Object X Assessment Results with type of Design Review

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Base Object X Design Review Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Base Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Base Object X Design Review Assessment Results Primary Data Role

Name: Base Object X Audit Test Assessment Reviewer Data Role

Description: Composite data role for access to review Base Object X Assessment Results with type of Audit Test

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Base Object X Audit Test Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Base Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Base Object X Audit Test Assessment Results Primary Data Role

Name: Base Object X Certification Assessment Reviewer Data Role

Description: Composite data role for access to review Base Object X Assessment Results with type of Certification

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Base Object X Certification Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Base Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Base Object X Certification Assessment Results Primary Data Role

Name: Base Object X Documentation Update Assessment Reviewer Data Role

Description: Composite data role for access to review Base Object X Assessment Results with type of Documentation Update

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Base Object X Documentation Update Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Base Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Base Object X Documentation Update Assessment Results Primary Data Role

Name: Base Object X Operational Assessment Approver Data Role

Description: Composite data role for access to approve Base Object X Assessment Results with type of Operational Assessment

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Base Object X Operational Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Base Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Base Object X Operational Assessment Results Primary Data Role

Name: Base Object X Design Review Assessment Approver Data Role

Description: Composite data role for access to approve Base Object X Assessment Results with type of Design Review

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Base Object X Design Review Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Base Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Base Object X Design Review Assessment Results Primary Data Role

Name: Base Object X Audit Test Assessment Approver Data Role

Description: Composite data role for access to approve Base Object X Assessment Results with type of Audit Test

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Base Object X Audit Test Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Base Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Base Object X Audit Test Assessment Results Primary Data Role

Name: Base Object X Certification Assessment Approver Data Role

Description: Composite data role for access to approve Base Object X Assessment Results with type of Certification

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Base Object X Certification Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Base Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Base Object X Certification Assessment Results Primary Data Role

Name: Base Object X Documentation Update Assessment Approver Data Role

Description: Composite data role for access to approve Base Object X Assessment Results with type of Documentation Update

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Base Object X Documentation Update Assessment Results Primary Data Role
View	Data Attributes	Data Role	Equals	View Base Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Base Object X Audit Test Assessment Results Primary Data Role

Name: Base Object X Reporting Data Role

Description: Composite data role for access for reporting Base Object X data

Filter Name	Object	Attribute	Condition	Data Role
View	Data Attributes	Data Role	Equals	View Base Object X Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Base Object X Operational Assessment Results Primary Data Role
View Design Review	Data Attributes	Data Role	Equals	View Base Object X Design Review Assessment Results Primary Data Role
View Audit Test	Data Attributes	Data Role	Equals	View Base Object X Audit Test Assessment Results Primary Data Role
View Certification	Data Attributes	Data Role	Equals	View Base Object X Certification Assessment Results Primary Data Role
View Documentation Update	Data Attributes	Data Role	Equals	View Base Object X Documentation Update Assessment Results Primary Data Role

Perspective

Name: Perspective Manager Data Role

Description: Composite data role for access to edit Perspective hierarchy and values data

Filter Name	Object	Attribute	Condition	Data Role
Edit Hierarchy	Data Attributes	Data Role	Equals	Edit Perspective Hierarchy Primary Data Role
Edit Value	Data Attributes	Data Role	Equals	Edit Perspective Value Primary Data Role
View Hierarchy	Data Attributes	Data Role	Equals	View Perspective Hierarchy Primary Data Role
View Value	Data Attributes	Data Role	Equals	View Perspective Value Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Perspective Certification Assessment Results Primary Data Role
Create Hierarchy	Data Attributes	Data Role	Equals	Create Perspective Hierarchy Primary Data Role
Delete Hierarchy	Data Attributes	Data Role	Equals	Delete Perspective Hierarchy Primary Data Role
Create Value	Data Attributes	Data Role	Equals	Create Perspective Value Primary Data Role
Delete Value	Data Attributes	Data Role	Equals	Delete Perspective Value Primary Data Role

Name: Perspective Viewer Data Role

Description: Composite data role for access to view Perspective hierarchy and values data

Filter Name	Object	Attribute	Condition	Data Role
View Hierarchy	Data Attributes	Data Role	Equals	View Perspective Hierarchy Primary Data Role
View Values	Data Attributes	Data Role	Equals	View Perspective Value Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Perspective Certification Assessment Results Primary Data Role

Name: Perspective Reviewer Data Role

Description: Composite data role for access to review Perspective Hierarchy changes

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Perspective Hierarchy Primary Data Role
View Hierarchy	Data Attributes	Data Role	Equals	View Perspective Hierarchy Primary Data Role
View Values	Data Attributes	Data Role	Equals	View Perspective Value Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Perspective Certification Assessment Results Primary Data Role

Name: Perspective Approver Data Role

Description: Composite data role for access to approve Perspective Hierarchy changes

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Perspective Hierarchy Primary Data Role
View Hierarchy	Data Attributes	Data Role	Equals	View Perspective Hierarchy Primary Data Role
View Values	Data Attributes	Data Role	Equals	View Perspective Value Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Perspective Certification Assessment Results Primary Data Role

Name: Perspective Certifier Data Role

Description: Composite data role for access to complete Perspective Assessment Results with type of Certification

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Perspective Certification Assessment Primary Data Role
View Hierarchy	Data Attributes	Data Role	Equals	View Perspective Hierarchy Primary Data Role
View Values	Data Attributes	Data Role	Equals	View Perspective Value Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Perspective Certification Assessment Results Primary Data Role

Issues and Remediation Plan

Name: Issue Validator Data Role

Description: Validate reported issues data

Filter Name	Object	Attribute	Condition	Data Role
Edit to Validate	Data Attributes	Data Role	Equals	Validate Issue Primary Data Role
Edit for Close	Data Attributes	Data Role	Equals	Close Issue Primary Data Role
View	Data Attributes	Data Role	Equals	View Issue Primary Data Role

Name: Issue Manager Data Role

Description: Composite data role for access to edit Issue data

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Edit Issue Primary Data Role
Edit for Close	Data Attributes	Data Role	Equals	Close Issue Primary Data Role
View	Data Attributes	Data Role	Equals	View Issue Primary Data Role
Create	Data Attributes	Data Role	Equals	Create Issue Primary Data Role
Delete	Data Attributes	Data Role	Equals	Delete Issue Primary Data Role

Name: Issue Viewer Data Role

Description: Composite data role for access to view Issue data

Filter Name	Object	Attribute	Condition	Data Role
View	Data Attributes	Data Role	Equals	View Issue Primary Data Role

Name: Issue Reviewer Data Role

Description: Composite data role for access to review Issue changes

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Issue Primary Data Role
View	Data Attributes	Data Role	Equals	View Issue Primary Data Role

Name: Issue Approver Data Role

Description: Composite data role for access to approve Issue changes

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Issue Primary Data Role
View	Data Attributes	Data Role	Equals	View Issue Primary Data Role

Name: Issue Object A Validator Data Role

Description: Composite data role for access to validate reported Issue Object A data

Filter Name	Object	Attribute	Condition	Data Role
Edit to Validate	Data Attributes	Data Role	Equals	Validate Issue Object A Primary Data Role
Edit for Close	Data Attributes	Data Role	Equals	Close Issue Object A Primary Data Role
View	Data Attributes	Data Role	Equals	View Issue Object A Primary Data Role

Name: Issue Object A Manager Data Role

Description: Composite data role for access to edit Issue Object A data

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Edit Issue Object A Primary Data Role
Edit for Close	Data Attributes	Data Role	Equals	Close Issue Object A Primary Data Role
View	Data Attributes	Data Role	Equals	View Issue Object A Primary Data Role
Create	Data Attributes	Data Role	Equals	Create Issue Object A Primary Data Role
Delete	Data Attributes	Data Role	Equals	Delete Issue Object A Primary Data Role

Name: Issue Object A Viewer Data Role

Description: Composite data role for access to view Issue Object A data

Filter Name	Object	Attribute	Condition	Data Role
View	Data Attributes	Data Role	Equals	View Issue Object A Primary Data Role

Name: Issue Object A Reviewer Data Role

Description: Composite data role for access to review Issue Object A changes

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Issue Object A Primary Data Role
View	Data Attributes	Data Role	Equals	View Issue Object A Primary Data Role

Name: Issue Object A Approver Data Role

Description: Composite data role for access to approve Issue Object A changes

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Issue Object A Primary Data Role
View	Data Attributes	Data Role	Equals	View Issue Object A Primary Data Role

Name: Remediation Plan Manager Data Role

Description: Composite data role for access to edit Remediation Plan data

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Edit Remediation Plan Primary Data Role
Edit to Mark Complete	Data Attributes	Data Role	Equals	Complete Remediation Plan Primary Data Role
View	Data Attributes	Data Role	Equals	View Remediation Plan Primary Data Role
Create	Data Attributes	Data Role	Equals	Create Remediation Plan Primary Data Role
Delete	Data Attributes	Data Role	Equals	Delete Remediation Plan Primary Data Role

Name: Remediation Plan Viewer Data Role

Description: Composite data role for access to view Remediation Plan data

Filter Name	Object	Attribute	Condition	Data Role
View	Data Attributes	Data Role	Equals	View Remediation Plan Primary Data Role

Name: Remediation Plan Reviewer Data Role

Description: Composite data role for access to review Remediation Plan changes

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Review Remediation Plan Primary Data Role
View	Data Attributes	Data Role	Equals	View Remediation Plan Primary Data Role

Name: Remediation Plan Approver Data Role

Description: Composite data role for access to approve Remediation Plan changes

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Approve Remediation Plan Primary Data Role
View	Data Attributes	Data Role	Equals	View Remediation Plan Primary Data Role

Name: Reporting Issues Access Data Role

Description: Composite data role for access for reporting Issue data

Filter Name	Object	Attribute	Condition	Data Role
View	Data Attributes	Data Role	Equals	View Issue Primary Data Role
View Remediation	Data Attributes	Data Role	Equals	View Remediation Plan Primary Data Role

Assessment Components

Name: Assessment Manager Data Role

Description: Composite data role for access to edit Assessments data

Filter Name	Object	Attribute	Condition	Data Role
Edit Template	Data Attributes	Data Role	Equals	Edit Assessment Template Primary Data Role
Edit Plan	Data Attributes	Data Role	Equals	Edit Assessment Plan Primary Data Role
Edit Assessment	Data Attributes	Data Role	Equals	Edit Assessments Primary Data Role
View Template	Data Attributes	Data Role	Equals	View Assessment Template Primary Data Role
View Plan	Data Attributes	Data Role	Equals	View Assessment Plan Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Assessments Primary Data Role
Create Template	Data Attributes	Data Role	Equals	Create Assessment Template Primary Data Role
Create Plan	Data Attributes	Data Role	Equals	Create Assessment Plan Primary Data Role
Create Assessment	Data Attributes	Data Role	Equals	Create Assessments Primary Data Role
Delete Template	Data Attributes	Data Role	Equals	Delete Assessment Template Primary Data Role
Delete Plan	Data Attributes	Data Role	Equals	Delete Assessment Plan Primary Data Role

Name: Assessment Viewer Data Role

Description: Composite data role for access to view Assessments data

Filter Name	Object	Attribute	Condition	Data Role
View Template	Data Attributes	Data Role	Equals	View Assessment Template Primary Data Role
View Plan	Data Attributes	Data Role	Equals	View Assessment Plan Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Assessments Primary Data Role

Name: Assessment Reviewer Data Role

Description: Composite data role for access to review Assessments changes

Filter Name	Object	Attribute	Condition	Data Role
	Data Attributes	Data Role	Equals	Review Assessment Templates Primary Data Role
	Data Attributes	Data Role	Equals	Review Assessment Plans Primary Data Role
View Template	Data Attributes	Data Role	Equals	View Assessment Template Primary Data Role
View Plan	Data Attributes	Data Role	Equals	View Assessment Plan Primary Data Role

Name: Assessment Approver Data Role

Description: Composite data role for access to approve Assessments changes

Filter Name	Object	Attribute	Condition	Data Role
Edit Template	Data Attributes	Data Role	Equals	Approve Assessment Template Primary Data Role
Edit Plan	Data Attributes	Data Role	Equals	Approve Assessment Plan Primary Data Role
View Template	Data Attributes	Data Role	Equals	View Assessment Template Primary Data Role
View Plan	Data Attributes	Data Role	Equals	View Assessment Plan Primary Data Role

Name: Assessment Reporting Data Role

Description: Composite data role for access to view Assessments data

Filter Name	Object	Attribute	Condition	Data Role
View Template	Data Attributes	Data Role	Equals	View Assessment Template Primary Data Role
View Plan	Data Attributes	Data Role	Equals	View Assessment Plan Primary Data Role
View Assessment	Data Attributes	Data Role	Equals	View Assessments Primary Data Role

Survey Components

Name: Survey Manager Data Role

Description: Composite data role for access to edit Survey data

Filter Name	Object	Attribute	Condition	Data Role
Edit Template	Data Attributes	Data Role	Equals	Edit Survey Template Primary Data Role
Edit Questions	Data Attributes	Data Role	Equals	Survey Questions Primary Data Role
Edit Survey	Data Attributes	Data Role	Equals	Edit Survey Primary Data Role
View Template	Data Attributes	Data Role	Equals	View Survey Template Primary Data Role
View Questions	Data Attributes	Data Role	Equals	Survey Questions Primary Data Role
View Surveys	Data Attributes	Data Role	Equals	View Survey Primary Data Role
View Responses	Data Attributes	Data Role	Equals	View Survey Response Primary Data Role
Create Template	Data Attributes	Data Role	Equals	Create Survey Template Primary Data Role
Create Questions	Data Attributes	Data Role	Equals	Survey Questions Primary Data Role
Create Survey	Data Attributes	Data Role	Equals	Create Survey Primary Data Role
Delete Template	Data Attributes	Data Role	Equals	Delete Survey Template Primary Data Role

Name: Survey Viewer Data Role

Description: Composite data role for access to view Survey data

Filter Name	Object	Attribute	Condition	Data Role
View Template	Data Attributes	Data Role	Equals	View Survey Template Primary Data Role
View Questions	Data Attributes	Data Role	Equals	Survey Questions Primary Data Role
View Surveys	Data Attributes	Data Role	Equals	View Survey Primary Data Role
View Responses	Data Attributes	Data Role	Equals	View Survey Response Primary Data Role

Name: Survey Reviewer Data Role

Description: Composite data role for access to review Survey changes

Filter Name	Object	Attribute	Condition	Data Role
Review	Data Attributes	Data Role	Equals	Review Survey Template Primary Data Role
View Template	Data Attributes	Data Role	Equals	View Survey Template Primary Data Role
View Questions	Data Attributes	Data Role	Equals	Survey Questions Primary Data Role
View Surveys	Data Attributes	Data Role	Equals	View Survey Primary Data Role

Name: Survey Approver Data Role

Description: Composite data role for access to approve Survey changes

Filter Name	Object	Attribute	Condition	Data Role
Approve	Data Attributes	Data Role	Equals	Approve Survey Template Primary Data Role
View Template	Data Attributes	Data Role	Equals	View Survey Template Primary Data Role
View Questions	Data Attributes	Data Role	Equals	Survey Questions Primary Data Role
View Surveys	Data Attributes	Data Role	Equals	View Survey Primary Data Role

Name: Survey Responder Data Role

Description: Composite data role for access to complete surveys and view completed survey responses data

Filter Name	Object	Attribute	Condition	Data Role
Edit	Data Attributes	Data Role	Equals	Complete Survey Primary Data Role
View	Data Attributes	Data Role	Equals	View Survey Response Primary Data Role

List of Delivered Job Roles

The following table contains the seeded job roles.

Job Role	Description		Component Role
GRC User Job Role	Basic GRC User with access to dashboard only	Job Role	GRC User Job Duty Role
GRC System Administrator Job Role	System administration tasks for the GRC application	Job Role	GRC System Administrator Job Duty Role
Financial Governance Module Job Role	Access to work within the Financial Governance Module	Job Role	Financial Governance Module Job Duty Role
Risk			
Proposed Risk Job Role	Propose Risk duties and data access	Data Role	Proposed Risk Data Role
		Job Role	Proposed Risk Job Duty Role
Proposed Risk Manager Job Role	Maintain Proposed Risks duties and data access	Data Role	Proposed Risk Manager Data Role
		Job Role	Proposed Risk Manager Job Duty Role
Proposed Risk Viewer Job Role	View Proposed Risk duties and data access	Data Role	Proposed Risk Viewer Data Role
		Job Role	Proposed Risk Viewer Job Duty Role
Risk Manager Job Role	Maintain Risk duties and data access	Data Role	Risk Manager Data Role
		Job Role	Risk Manager Job Duty Role
Risk Viewer Job Role	View Risk duties and data access	Data Role	Risk Viewer Data Role
		Job Role	Risk Viewer Job Duty Role

Job Role	Description	Component Role	
Risk Reviewer Job Role	Review Risk changes duties and data access	Data Role	Risk Reviewer Data Role
		Job Role	Risk Reviewer Job Duty Role
Risk Approver Job Role	Approve Risk changes duties and data access	Data Role	Risk Approver Data Role
		Job Role	Risk Approver Job Duty Role
Risk Assessor Job Role	Complete Risk Assessment duties and data access	Data Role	Risk Assessor Data Role
		Job Role	Risk Assessor Job Duty Role
Risk Certification Assessor Job Role	Complete Risk Assessment with type of Certification duties and data access	Data Role	Risk Certification Assessor Data Role
		Job Role	Risk Certification Assessor Job Duty Role
Risk Audit Assessor Job Role	Complete Risk Assessment with type of Audit duties and data access	Data Role	Risk Audit Assessor Data Role
		Job Role	Risk Audit Assessor Job Duty Role
Risk Assessment Reviewer Job Role	Review Risk Assessment duties and data access	Data Role	Risk Assessment Reviewer Data Role
		Job Role	Risk Assessment Reviewer Job Duty Role
Risk Certification Assessment Reviewer Job Role	Review Risk Assessment with type of Certification duties and data access	Data Role	Risk Certification Assessment Reviewer Data Role
		Job Role	Risk Certification Assessment Reviewer Job Duty Role
Risk Audit Assessment Reviewer Job Role	Review Risk Assessment with type of Audit duties and data access	Data Role	Risk Audit Assessment Reviewer Data Role
		Job Role	Risk Audit Assessment Reviewer Job Duty Role
Risk Assessment Approver Job Role	Approve Risk Assessments duties and data access	Data Role	Risk Assessment Approver Data Role
		Job Role	Risk Assessment Approver Job Duty Role
Risk Certification Assessment Approver Job Role	Approve Risk Assessment with type of Certification duties and data access	Data Role	Risk Certification Assessment Approver Data Role
		Job Role	Risk Certification Assessment Approver Job Duty Role
Risk Audit Assessment Approver Job Role	Approve Risk Assessment with type of Audit duties and data access	Data Role	Risk Audit Assessment Approver Data Role
		Job Role	Risk Audit Assessment Approver Job Duty Role
Risk Reporting Job Role	Risk Reporting duties and data access	Data Role	Reporting Risk Access Data Role
		Job Role	Risk Reporting Job Duty Role

Job Role	Description	Component Role	
Risk Analysis Manager Job Role	Maintain Risk Analysis duties and data access	Data Role	Risk Analysis Manager Data Role
		Job Role	Risk Analysis Manager Job Duty Role
Risk Analyzer Job Role	Complete Risk Analysis duties and data access	Data Role	Risk Analyzer Data Role
		Job Role	Risk Analyzer Job Duty Role
Risk Evaluation Manager Job Role	Maintain Risk Evaluation duties and data access	Data Role	Risk Evaluation Manager Data Role
		Job Role	Risk Evaluation Manager Job Duty Role
Risk Evaluator Job Role	Complete Risk Evaluation duties and data access	Data Role	Risk Evaluator Data Role
		Job Role	Risk Evaluator Job Duty Role
Risk Analysis Model Manager Job Role	Maintain Risk Analysis Model duties and data access	Data Role	Risk Analysis Model Manager Data Role
		Job Role	Risk Analysis Models Manager Job Duty Role
		Job Role	Financial Governance Module Job Duty Role
Risk Analysis Models Viewer Job Role	View Risk Analysis Model duties and data access	Data Role	Risk Analysis Models Viewer Data Role
		Job Role	Risk Analysis Models Viewer Job Duty Role
Risk Evaluation Models Manager Job Role	Maintain Risk Evaluation Model duties and data access	Data Role	Risk Evaluation Models Manager Data Role
		Job Role	Risk Evaluation Models Manager Job Duty Role
Risk Evaluation Models Viewer Job Role	View Risk Evaluation Model duties and data access	Data Role	Risk Evaluation Models Viewer Data Role
		Job Role	Risk Evaluation Models Viewer Job Duty Role
Risk Analytics Viewer Job Role	View Risk analytic graphics	Job Role	Risk Analytics Viewer Job Duty Role
Control			
Control Manager Job Role	Maintain Control duties and data access	Data Role	Control Manager Data Role
		Job Role	Control Manager Job Duty Role
Control Viewer Job Role	View Control duties and data access	Data Role	Control Viewer Data Role
		Job Role	Control Viewer Job Duty Role
Control Reviewer Job Role	Review Control changes duties and data access	Data Role	Control Reviewer Data Role
		Job Role	Control Reviewer Job Duty Role
Control Approver Job Role	Approve Control changes duties and data access	Data Role	Control Approver Data Role
		Job Role	Control Approver Job Duty Role

Job Role	Description	Component Role	
Control Operational Assessment Assessor Job Role	Complete Control Assessment with type of Operational Assessment duties and data access	Data Role	Control Operational Assessment Assessor Data Role
		Job Role	Control Operational Assessment Assessor Job Duty Role
Control Design Review Assessor Job Role	Complete Control Assessment with type of Design Review duties and data access	Data Role	Control Design Review Assessor Data Role
		Job Role	Control Design Review Assessor Job Duty Role
Control Audit Test Assessor Job Role	Complete Control Audit Test Assessment duties and data access	Data Role	Control Audit Test Assessor Data Role
		Job Role	Control Audit Test Assessor Job Duty Role
Control Certification Assessor Job Role	Complete Control Assessment with type of Certification duties and data access	Data Role	Control Certification Assessor Data Role
		Job Role	Control Certification Assessor Job Duty Role
Control Operational Assessment Reviewer Job Role	Review Control Assessment with type of Operational Assessment duties and data access	Data Role	Control Operational Assessment Reviewer Data Role
		Job Role	Control Operational Assessment Reviewer Job Duty Role
Control Design Review Assessment Reviewer Job Role	Review Control Assessment with type of Design Review duties and data access	Data Role	Control Design Review Assessment Reviewer Data Role
		Job Role	Control Design Review Assessment Reviewer Job Duty Role
Control Audit Test Assessment Reviewer Job Role	Review Control Audit Test Assessment duties and data access	Data Role	Control Audit Test Assessment Reviewer Data Role
		Job Role	Control Audit Test Assessment Reviewer Job Duty Role
Control Certification Assessment Reviewer Job Role	Review Control Assessment with type of Certification duties and data access	Data Role	Control Certification Assessment Reviewer Data Role
		Job Role	Control Certification Assessment Reviewer Job Duty Role
Control Operational Assessment Approver Job Role	Approve Control Assessment with type of Operational Assessment duties and data access	Data Role	Control Operational Assessment Approver Data Role
		Job Role	Control Operational Assessment Approver Job Duty Role

Job Role	Description	Component Role	
Control Design Review Assessment Approver Job Role	Approve Control Assessment with type of Design Review duties and data access	Data Role	Control Design Review Assessment Approver Data Role
		Job Role	Control Design Review Assessment Approver Job Duty Role
Control Audit Test Assessment Approver Job Role	Approve Control Audit Test Assessment duties and data access	Data Role	Control Audit Test Assessment Approver Data Role
		Job Role	Control Audit Test Assessment Approver Job Duty Role
Control Certification Assessment Approver Job Role	Approve Control Assessment with type of Certification duties and data access	Data Role	Control Certification Assessment Approver Data Role
		Job Role	Control Certification Assessment Approver Job Duty Role
Control Reporting Job Role	Report Control duties and data access	Data Role	Control Reporting Data Role
		Job Role	Control Reporting Job Duty Role
Control Analytics Viewer Job Role	View Control analytic graphics	Job Role	Control Analytics Viewer Job Duty Role
Process			
Process Manager Job Role	Maintain Process duties and data access	Data Role	Process Manager Data Role
		Job Role	Process Manager Job Duty Role
Process Viewer Job Role	View Process duties and data access	Data Role	Process Viewer Data Role
		Job Role	Process Viewer Job Duty Role
Process Reviewer Job Role	Review Process changes duties and data access	Data Role	Process Reviewer Data Role
		Job Role	Process Reviewer Job Duty Role
Process Approver Job Role	Approve Process changes duties and data access	Data Role	Process Approver Data Role
		Job Role	Process Approver Job Duty Role
Process Operational Assessor Job Role	Complete Process Assessment with type of Assessment with type of Operational Assessment duties and data access	Data Role	Process Operational Assessment Assessor Data Role
		Job Role	Process Operational Assessment Assessor Job Duty Role

Job Role	Description	Component Role	
Process Design Review Assessor Job Role	Complete Process Assessment with type of Design Review duties and data access	Data Role	Process Design Review Assessor Data Role
		Job Role	Process Design Review Assessor Job Duty Role
Process Audit Test Assessor Job Role	Complete Process Audit Test Assessment duties and data access	Data Role	Process Audit Test Assessor Data Role
		Job Role	Process Audit Test Assessor Job Duty Role
Process Certification Assessor Job Role	Complete Process Assessment with type of Certification duties and data access	Data Role	Process Certification Assessor Data Role
		Job Role	Process Certification Assessor Job Duty Role
Process Documentation Update Assessor Job Role	Complete Process Assessment with type of Documentation Update duties and data access	Data Role	Process Documentation Update Assessor Data Role
		Job Role	Process Documentation Update Assessor Job Duty Role
Process Operational Assessment Reviewer Job Role	Review Process Assessment with type of Operational Assessment duties and data access	Data Role	Process Operational Assessment Reviewer Data Role
		Job Role	Process Operational Assessment Reviewer Job Duty Role
Process Design Review Assessment Reviewer Job Role	Review Process Assessment with type of Design Review duties and data access	Data Role	Process Design Review Assessment Reviewer Data Role
		Job Role	Process Design Review Assessment Reviewer Job Duty Role
Process Audit Test Assessment Reviewer Job Role	Review Process Audit Test Assessment duties and data access	Data Role	Process Audit Test Assessment Reviewer Data Role
		Job Role	Process Audit Test Assessment Reviewer Job Duty Role
Process Certification Assessment Reviewer Job Role	Review Process Assessment with type of Certification duties and data access	Data Role	Process Certification Assessment Reviewer Data Role
		Job Role	Process Certification Assessment Reviewer Job Duty Role
Process Documentation Update Assessment Reviewer Job Role	Review Process Assessment with type of Documentation Update duties and data access	Data Role	Process Documentation Update Assessment Reviewer Data Role
		Job Role	Process Documentation Update Assessment Reviewer Job Duty Role

Job Role	Description	Component Role	
Process Operational Assessment Approver Job Role	Approve Process Assessment with type of Operational Assessment duties and data access	Data Role	Process Operational Assessment Approver Data Role
		Job Role	Process Operational Assessment Approver Job Duty Role
Process Design Review Assessment Approver Job Role	Approve Process Assessment with type of Design Review duties and data access	Data Role	Process Design Review Assessment Approver Data Role
		Job Role	Process Design Review Assessment Approver Job Duty Role
Process Audit Test Assessment Approver Job Role	Approve Process Audit Test Assessment duties and data access	Data Role	Process Audit Test Assessment Approver Data Role
		Job Role	Process Audit Test Assessment Approver Job Duty Role
Process Certification Assessment Approver Job Role	Approve Process Assessment with type of Certification duties and data access	Data Role	Process Certification Assessment Approver Data Role
		Job Role	Process Certification Assessment Approver Job Duty Role
Process Documentation Update Assessment Approver Job Role	Approve Process Assessment with type of Documentation Update duties and data access	Data Role	Process Documentation Update Assessment Approver Data Role
		Job Role	Process Documentation Update Assessment Approver Job Duty Role
Process Reporting Job Role	Process Reporting duties and data access	Data Role	Process Reporting Data Role
		Job Role	Process Reporting Job Duty Role
Process Analytics Viewer Job Role	View Process analytic graphics	Job Role	Process Analytics Viewer Job Duty Role
Perspective			
Perspective Manager Job Role	Maintain Perspective duties and data access	Data Role	Perspective Manager Data Role
		Job Role	Perspective Manager Job Duty Role
Perspective Viewer Job Role	View Perspective duties and data access	Data Role	Perspective Viewer Data Role
		Job Role	Perspective Viewer Job Duty Role
Perspective Reviewer Job Role	Review Perspective changes duties and data access	Data Role	Perspective Reviewer Data Role
		Job Role	Perspective Reviewer Job Duty Role

Job Role	Description	Component Role	
Perspective Approver Job Role	Approve Perspective changes duties and data access	Data Role	Perspective Approver Data Role
		Job Role	Perspective Approver Job Duty Role
Perspective Certifier Job Role	Complete Perspective Assessment duties and data access	Data Role	Perspective Certifier Data Role
		Job Role	Perspective Certifier Job Duty Role
Issues			
Issue Manager Job Role	Maintain Issue duties and data access	Data Role	Issue Manager Data Role
		Job Role	Issue Manager Job Duty Role
Issue Validator Job Role	Validate reported Issue duties and data access	Data Role	Issue Validator Data Role
		Job Role	Issue Validator Job Duty Role
Issue Viewer Job Role	View Issue duties and data access	Data Role	Issue Viewer Data Role
		Job Role	Issue Viewer Job Duty Role
Issue Reviewer Job Role	Review Issue changes duties and data access	Data Role	Issue Reviewer Data Role
		Job Role	Issue Reviewer Job Duty Role
Issue Approver Job Role	Approve Issue changes duties and data access	Data Role	Issue Approver Data Role
		Job Role	Issue Approver Job Duty Role
Issue Reporting Job Role	Reporting Issue duties and data access	Data Role	Reporting Issues Access Data Role
		Job Role	Issue Reporting Job Duty Role
Issue Analytics Viewer Job Role	View Issue analytic graphics	Job Role	Issue Analytics Viewer Job Duty Role
Remediation Plan Manager Job Role	Maintain Remediation Plan duties and data access	Data Role	Remediation Plan Manager Data Role
		Job Role	Remediation Plan Manager Job Duty Role
Remediation Plan Viewer Job Role	View Remediation Plan duties and data access	Data Role	Remediation Plan Viewer Data Role
		Job Role	Remediation Plan Viewer Job Duty Role
Remediation Plan Reviewer Job Role	Review Remediation Plan duties and data access	Data Role	Remediation Plan Reviewer Data Role
		Job Role	Remediation Plan Reviewer Job Duty Role
Remediation Plan Approver Job Role	Approve Remediation Plan duties and data access	Data Role	Remediation Plan Approver Data Role
		Job Role	Remediation Plan Approver Job Duty Role

Job Role	Description	Component Role	
Assessment Components			
Assessment Manager Job Role	Maintain Assessment duties and data access	Data Role	Assessment Manager Data Role
		Job Role	Assessment Manager Job Duty Role
Assessment Viewer Job Role	View Assessment duties and data access	Data Role	Assessment Viewer Data Role
		Job Role	Assessment Viewer Job Duty Role
Assessment Reviewer Job Role	Review Assessment changes duties and data access	Data Role	Assessment Reviewer Data Role
		Job Role	Assessment Reviewer Job Duty Role
Assessment Approver Job Role	Approve Assessment changes duties and data access	Data Role	Assessment Approver Data Role
		Job Role	Assessment Approver Job Duty Role
Assessment Reporting Job Role	Assessment Reporting duties combined with data access	Data Role	Assessment Reporting Data Role
		Job Role	Assessments Reporting Job Duty Role
Assessment Analytic Viewer Job Role	View Assessment analytic graphics access	Job Role	Assessment Analytics Viewer Job Duty Role
Survey Components			
Survey Manager Job Role	Maintain Survey duties and data access	Data Role	Survey Manager Data Role
		Job Role	Survey Manager Job Duty Role
Survey Viewer Job Role	View Survey duties and data access	Data Role	Survey Viewer Data Role
		Job Role	Survey Viewer Job Duty Role
Survey Reviewer Job Role	Review Survey changes duties and data access	Data Role	Survey Reviewer Data Role
		Job Role	Survey Reviewer Job Duty Role
Survey Approver Job Role	Approve Survey changes duties and data access	Data Role	Survey Approver Data Role
		Job Role	Survey Approver Job Duty Role
Survey Responder Job Role	Complete a survey duties and data access	Data Role	Survey Responder Data Role
		Job Role	Survey Responder Job Duty Role

Disable the Financial Governance Module

EGRCM is delivered with the Financial Governance module. If you are not using this module and do not want it to be displayed within the Navigator, do the following:

1. Do not include the seeded job role Financial Governance Module in any of your users' profiles.

2. Do not include the privilege Display Financial Governance in the Navigator in any of your custom duty roles.

You should not disable the Financial Governance module until you have successfully completed the implementation and configuration of your custom module, because you may need to review functional behavior within Financial Governance as a basis for your custom module.