

Oracle® Retail Supply Chain Collaboration Cloud Service Security Guide



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- Are the examples correct? Do you need more examples?

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Preface

This document serves as a guide for administrators, developers, and system integrators who securely administer, customize, and integrate the Oracle Retail Supply Chain Collaboration Cloud Service application.

Audience

This document is intended for administrators, developers, and system integrators who perform the following functions:

- Document specific security features and configuration details for the above mentioned product, in order to facilitate and support the secure operation of the Oracle Retail Product and any external compliance standards.
- Guide administrators, developers, and system integrators on secure product implementation, integration, and administration.

It is assumed that the readers have general knowledge of administering the underlying technologies and the application.

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Related Documents

For more information, see the Oracle Retail Supply Chain Collaboration Cloud Service documentation set at the following URL:

<https://docs.oracle.com/en/industries/retail/index.html>

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Oracle Help Center (docs.oracle.com) Web site, or, in the case of Data Models, to the applicable My Oracle Support Documentation container where they reside.

Oracle Retail documentation is available on the Oracle Help Center (docs.oracle.com) at the following URL:

<https://docs.oracle.com/en/industries/retail/index.html>

An updated version of the applicable Oracle Retail document is indicated by Oracle part number, as well as print date (month and year). An updated version uses the same part number, with a higher-numbered suffix. For example, part number E123456-02 is an updated version of an document with part number E123456-01.

If a more recent version of the document is available, that version supersedes all previous versions.

Oracle Retail Documentation on the Oracle Help Center (docs.oracle.com)

Oracle Retail product documentation is available on the following web site:

<https://docs.oracle.com/en/industries/retail/index.html>

(Data Model documents can be obtained through My Oracle Support.)

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

1

Introduction

Retail Supply Chain Collaboration Cloud Service enables retailers to collaborate directly with their suppliers for pre-selection and ongoing evaluation of sites, production facilities and items, and to accomplish streamlined merchandising operations, leveraging data provided by partners through a single portal with a common navigation.

Oracle Retail Supply Chain Collaboration Cloud Service is composed of the following modules:

Supplier Evaluation

Supports the on-boarding, evaluation and management of Merchandising suppliers, enabling assessment and governance of ethical, environmental, safety, and quality performance, automatically scoring and grading suppliers and items against multiple business disciplines for actionable insight.

Functions incorporate supplier self-certification survey, item assessment, audit and action management, process management and incident alert notifications.

Retail Supply Chain Hub

Improves collaboration between retailers and suppliers with a platform to share information integrated in the Oracle Retail suite, increasing order and fulfilment efficiency and accuracy and reducing supply chain disruption and risk through direct collaboration on merchandising operations.

Functions include supplier self-configuration and enable collaboration on item, cost and price management, deals, inventory & sales, payments, purchase orders, customer orders and appointments.

This document is divided into seven main sections:

- Responsibilities - discusses the shared responsibility model of security.
- Oracle Retail SaaS Security - outlines the policies and procedures Oracle Retail uses to meet its security responsibilities.
- Supply Chain Collaboration Architecture - details the architecture of the Supply Chain Collaboration Cloud Service, particularly as it relates to security.
- Supply Chain Collaboration Authentication and Authorization - describes how Supply Chain Collaboration Cloud Service performs authentication and authorization.
- Supplier Evaluation Permissions - describes the Supply Chain Collaboration Cloud Service role-based security model of roles, authority profiles and permissions.
- Retail Supply Chain Hub Permissions - describes the Supply Chain Hub role-based permissions rules
- Frequently Asked Questions - a number of specific questions related to security that are frequently asked by prospects, customers, and implementers.

The goals of this document are to:

- Explain the security responsibilities of Oracle and the retailer/portal owner in the SaaS model.

- Educate retailers/portal owners about Oracle's cloud security policies and controls.
- Describe Supply Chain Collaboration Cloud Services:
 - general architecture, particularly as it relates to security
 - security features
- Define additional steps customer IT staff must perform to communicate securely with Supply Chain Collaboration Cloud Service.
- Guide customer administrators in the actions they need to perform to:
 - create application users
 - assign roles to application users
- Provide answers to frequently asked questions about Supply Chain Collaboration Cloud Service security.

Retail Supply Chain Collaboration Cloud Service enables retailers to collaborate directly with their suppliers for pre-selection and ongoing evaluation of sites, production facilities and items, and to accomplish streamlined merchandising operations, leveraging data provided by partners through a single portal with a common navigation.

Oracle Retail Supply Chain Collaboration Cloud Service is composed of the following modules:

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Responsibilities

As retailers migrate to the cloud, they must consider how the cloud, and more specifically SaaS, will impact their privacy, security, and compliance efforts. As the cloud service provider, Oracle Retail works together with customers to meet cloud security objectives.

Retailer/Portal Owner Responsibilities

At a high level, retailers/portal owners are responsible for:

- Understanding Oracle's security policies.
- Implementing their own corporate policies by using Oracle tools.
- Creating and administering users by using Oracle tools.
- Ensuring data quality and enforcing end-user devices security controls, so that anti-virus, malware and other malicious code checks are performed on data and files before uploading data.
- Ensuring that end-user devices meet the minimum security requirements.

To securely implement Supply Chain Collaboration Cloud Service, retailers/portal owners and their implementation partners should read this document to understand Oracle's security policies. This document summarizes information and contains links to many other Oracle documents.

Oracle Responsibilities

As the cloud service provider, at the highest level Oracle Retail is responsible for:

- Building secure software.
- Provisioning and managing secure environments.
- Protecting the customer's data.

Supply Chain Collaboration Cloud Service fulfills its responsibilities by a combination of corporate level development practices and cloud delivery policies. Sections in this document will describe this information in great detail later in this document.

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Oracle Retail SaaS Security

Security is a many faceted issue to address. To discuss Oracle Retail SaaS security, it helps to define and categorize the many aspects of security. For the purposes of this document, we discuss the following categories of SaaS security:

- [Secure Product Engineering](#)
- [Secure Deployment](#)
- [Secure Management](#)
- [Assessment and Audit](#)

Secure Product Engineering

Oracle builds secure software through a rigorous set of formal, always evolving security standards and practices known as Oracle Software Security Assurance (OSSA). OSSA encompasses every phase of the product development lifecycle.

More information about OSSA can be found at:

<https://www.oracle.com/corporate/security-practices/assurance/>

The cornerstones of OSSA are Secure Coding Standards and Security Analysis and Testing.

Secure Coding Standards include both general use cases and language specific security practices. More information about these practices can be found at:

<https://www.oracle.com/corporate/security-practices/assurance/development/>

Security Analysis and Testing includes product specific functional security testing and both static and dynamic analysis of the code base. Static Analysis is performed using tools including both internal Oracle tools and HP's Fortify. Dynamic Analysis focuses on APIs and endpoints, using techniques such as fuzzing to test interfaces and protocols.

<https://www.oracle.com/corporate/security-practices/assurance/development/analysis-testing.html>

Specific security details of the Supply Chain Collaboration Cloud Service are discussed in detail later in this document.

Secure Deployment

Secure deployment refers to the security of the infrastructure used to deploy the SaaS application. Key issues in secure deployment include Physical Safeguards, Network Security, Infrastructure Security, and Data Security.

Physical Safeguards

Oracle Retail SaaS applications are deployed through Oracle Cloud Infrastructure data centers. Access to Oracle Cloud data centers requires special authorization that is monitored and audited. The premises are monitored by CCTV, with entrances protected by physical

barriers and security guards. Governance controls are in place to minimize the resources that are able to access systems. Physical security safeguards are further detailed in Oracle's Cloud Hosting and Delivery Policies.

<http://www.oracle.com/us/corporate/contracts/ocloud-hosting-delivery-policies-3089853.pdf>

Network Security

The Oracle Cloud network is isolated from the Oracle Corporate Network. Customer instances are separated down to the VLAN level.

Infrastructure Security

The security of the underlying infrastructure used to deploy Oracle Retail SaaS is regularly hardened. Critical patch updates are applied on a regular schedule. Oracle maintains a running list of critical patch updates and security alerts. Per Oracle's Cloud Hosting and Delivery Policies, these updates are applied to all Oracle SaaS systems.

<https://www.oracle.com/technetwork/topics/security/alerts-086861.html>

Before Oracle Retail deploys code to SaaS, Oracle's Global Information Security team performs penetration testing on the cloud service. This penetration testing and remediation prevents software or infrastructure issues in production systems.

<https://www.oracle.com/corporate/security-practices/assurance/development/ethical-hacking.html>

Data Security

Oracle Retail uses a number of strategies and policies to ensure the Retailer's data is fully secured.

- Data Design - Oracle Retail applications avoid storing personal data. Where personal information data exists in a system, Data Minimization, Right to Access, and Right to Forget services exist to support data privacy standards.
- Storage - Oracle Retail applications use encrypted tablespaces to store sensitive data.
- Transit - All data is encrypted in transit, Retail SaaS uses TLS for secure transport of data, as documented in Oracle's Cloud Hosting and Delivery policy.

<https://www.oracle.com/assets/ocloud-hosting-delivery-policies-3089853.pdf>

Secure Management

Oracle Retail manages SaaS based on a well-documented set of security-focused Standard Operating Procedures (SOPs). The SOPs provide direction and describe activities and tasks undertaken by Oracle personnel when delivering services to customers. SOPs are managed centrally and are available to authorized personnel through Oracle's intranet on a need-to-know basis.

All network devices, servers, OS, applications and databases underlying Oracle Retail Cloud Services are configured and maintain auditing and logging. All logs are forwarded to a Security Information and Event Management (SIEM) system. The SIEM is managed by the Security Engineering team and is monitored 24/7 by the GBU Security Operations team. The SIEM is configured to alert the GBU Security Operations team regarding any conditions deemed to be

potentially suspicious, for further investigation. Access given to review logs is restricted to a subset of security administrators and security operations personnel only.

Assessment and Audit

Oracle Cloud meets all ISO/IEC 27002 Codes of Practice for Information Security Controls. Third Party Audit Reports and letters of compliance for Oracle Cloud Services are periodically published.

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Supply Chain Collaboration Cloud Service Architecture

The Supply Chain Collaboration Cloud Service application is deployed on Oracle's Global Business Unit Cloud Services Foundation Services. The application is deployed in a highly available, high performance, horizontally scalable architecture. Supply Chain Collaboration Cloud Service uses either Oracle Identity Cloud Service (IDCS) or Oracle Cloud Infrastructure Identity and Access Management (OCI IAM) as its identity provider (IDP). Information about logical, physical and data architecture in this document focuses on how the architecture supports security.

Architecture Overview

Most customer access to the Supply Chain Collaboration Cloud Service is through the web tier. The web tier contains the perimeter network services that protects the Supply Chain Collaboration application from the internet at large. All traffic from the web tier continues to the Web Tier Security Server (WTSS), which in turn uses the customer's Oracle Identity Cloud Service (IDCS) or Oracle Cloud Infrastructure Identity and Access Management (OCI IAM) tenancy to perform authentication. More information about authentication through IDCS or OCI IAM is provided later in this document.

The Supply Chain Collaboration application is deployed on a Kubernetes cluster. Reporting is provided by Oracle BI Publisher which can connect to the underlying database.

The underlying container DBaaS includes one pluggable database (PDB) for Supply Chain Collaboration. Applications are able to access the Supply Chain Collaboration schema on the Supply Chain Collaboration PDB. Transparent data encryption (TDE) is set during provisioning. Tablespaces that contain personal data are encrypted.

Supply Chain Collaboration Cloud Service applications integrate with external business systems by using:

- Native files upload/download. All inbound files are scanned by anti-virus and anti-malware software.
- Native Rest Services.

Supply Chain Collaboration Cloud Service authenticates native rest services using OAuth2.0 through IDCS or OCI IAM. As a common authentication pattern is used, web service users are subject to the same strong controls as application users.

All rest service calls are logged in the application logs.

Access Flow

This document does not explain the full access flow of the Supply Chain Collaboration Cloud Service, but instead focuses on the high level aspects of this data flow that relate to security.

Supply Chain Collaboration Cloud Service is deployed on a Kubernetes cluster. Each application resides in an appropriate tier and each tier resides in its own subnet.

Communication between tiers within the Supply Chain Collaboration Cloud Service is limited by subnet ingress security lists.

To reduce attack surface, access to the Supply Chain Collaboration Cloud Service from the open internet is very limited.

Business Users (using a web browser) and external web service endpoints access application over https/443. Firewall and load balancer in the DMZ route to the customer tenancy by using reverse proxy forward to WTSS. WTSS forwards unauthenticated requests to the customer's IDCS or OCI IAM tenancy using the NAT Gateway. IDCS or OCI IAM sends authentication HTML content to the end user (IDCS or OCI IAM Logon page). On successful AuthN, WTSS sends a call to the reverse proxy ingress controller, which routes to the appropriate application component.

Access to the underlying DBaaS is only available through the application M-Tier. The M-Tier is able to get and place files into object storage. Both outbound web service traffic (811) and replication of data (912) are routed through the outbound proxy in the DMZ.

A subset of Oracle Retail AMS has very limited access to the underlying M-Tier. This access is limited to a small subset of Oracle employees as described in Oracle's Cloud Hosting and Delivery policy.

<https://www.oracle.com/assets/ocloud-hosting-delivery-policies-3089853.pdf>

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Supply Chain Collaboration Cloud Service Authentication and Authorization

Authentication confirms the identity of a user (is this user John Smith?). Authorization determines what parts of an application a user can access and what actions the user can perform (is John Smith allowed to create a supplier account?).

Authentication and IDCS or OCI IAM

Supply Chain Collaboration Cloud Service uses either Oracle Identity Cloud Service (IDCS) or Oracle Cloud Infrastructure Identity and Access Management (OCI IAM) as its identity provider (IDP):

- Oracle Identity Cloud Service (IDCS):
<https://www.oracle.com/cloud/paas/identity-cloud-service.html>
- Oracle Cloud Infrastructure Identity and Access Management (OCI IAM):
<https://docs.oracle.com/en-us/iaas/Content/Identity/home.htm>

When a user connects to the Supply Chain Collaboration Cloud Service UI, application UR requests are redirected to the IDCS or OCI IAM login screen. IDCS or OCI IAM authenticates the user. When a user logs out of the Supply Chain Collaboration Cloud Service, Supply Chain Collaboration invokes an IDCS or OCI IAM logout to disable session authentication.

IDCS and OCI IAM

IDCS and OCI IAM are Oracle's cloud native security and identity platforms. They provide a powerful set of hybrid identity features to maintain a single identity for each user across cloud, mobile, and on-premises applications. Both IDCS and OCI IAM enable single sign on (SSO) across all applications in a customer's Oracle Cloud tenancy. Customers can also integrate IDCS or OCI IAM with other on premise applications to extend the scope of this SSO.

Both IDCS and OCI IAM are available in two tiers: Foundation and Standard.

- Oracle Identity Cloud Service Foundation: Oracle provisions this free version of Oracle Identity Cloud Service for customers that subscribe to Oracle Software-as-a-Service (SaaS), Oracle Platform-as-a-Service (PaaS), and Infrastructure-as-a-Service (IaaS) applications. A customer can use this version to provide basic identity management functionality, including user management, group management, password management, and basic reporting.
- Oracle Identity Cloud Service Standard: This licensed edition provides customers with an additional set of Oracle Identity Cloud Service features to integrate with other Oracle Cloud services, including Oracle Cloud SaaS and PaaS, custom applications hosted on-premises, on Oracle Cloud, or on a third-party cloud, as well as third-party SaaS applications. Features listed in this pricing tier are applicable for both Enterprise users and Consumer users.

Details of the specific features available in each tier and IDCS or OCI IAM Standard Tier licensing model are available in Administering Oracle Identity Cloud Service. Supply Chain

Collaboration Cloud Service only requires the Foundation Tier, as the Foundation Tier includes key features such as User and Group Management, Self-Service Profile Management and Password Reset, SSO. However, Oracle Retail customers may wish to consider licensing the Standard Tier of IDCS or OCI IAM to also have access to more advanced identity features including Identity Synchronization with Microsoft Active Directory, SSO for Third Party Cloud Services and Custom Applications, Multi-Factor Authentication, and generic SCIM Templates.

IDCS, OCI IAM, and Application Users

Upon provisioning a new cloud service instance, Oracle Retail creates a single delegate customer administrator user.

The customer administrator user has the ability to define password complexity and rotation rules. All Application User maintenance is performed by Customer Administrators by using IDCS or OCI IAM. A key feature of IDCS or OCI IAM is that basic user maintenance can be further delegated through identity self-service.

When application users are created in IDCS or OCI IAM, they must be associated with an appropriate Oracle Retail Enterprise Role to access Supply Chain Collaboration Cloud Service. For more detailed information and procedures, see Managing Oracle Identity Cloud Service Users in *Administering Oracle Identity Cloud Service*.

Note:

IDCS or OCI IAM username will be passed to Supply Chain Collaboration as the application user id. It will be persisted on the database as part of the basic Supply Chain Collaboration transaction audit trail. If corporate email address is used as the IDCS or OCI IAM username, corporate email address will be persisted to the Supply Chain Collaboration database.

To fully inform Supply Chain Collaboration users that their corporate email address will be saved, we recommend that retailers implement IDCS or OCI IAM Terms of Use functionality.

The IDCS or OCI IAM Terms of Use feature enables retailers to set the terms and conditions for users to access an application, based on the user's consent. This feature allows the identity domain administrator to set relevant disclaimers for legal or compliance requirements and enforce the terms by refusing the service. The Terms of Use feature can be used to explicitly obtain user consent to persist corporate email address for Supply Chain Collaboration auditing. See *Administering Oracle Identity Cloud Service* for more information about Terms of Use.

<https://docs.oracle.com/en/cloud/paas/identity-cloud/uaid/understand-terms-use.html>

Authorization

While IDCS and OCI IAM have some authorization features, Supply Chain Collaboration Cloud Service manages application functional security using a role-based model that employs permissions security where resources are protected by roles and authority profiles that are assigned to users. The application includes a number of default roles.

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Supplier Evaluation Cloud Service Permissions

In Supplier Evaluation Cloud Service, role-based permission security is implemented to control:

- Access to navigational links/tasks in the application. The role associated with the user (for example, a Technologist or Buyer) determines the set of links visible in the task pane.
- Access to various UI widgets in the screens such as buttons, menu items, LOVs, Panels, and so on. The role determines if the UI widgets are to be shown or hidden and if shown whether they need to be enabled or disabled.
- How the screens will be opened, such as in an edit or view only mode based on the role the user belongs to and the permissions mapped to that role.

Roles and authority profiles are assigned to users to define their permissions, or access rights, to data and functionality within the application (including workflow, actions, screens, and in some cases specific fields). Roles are logical groupings of authority profiles that permit a user to perform a complete task to fulfill responsibilities within the context of their job. Authority profiles are associated to a set of permissions which provide different access rights. In this manner, an application role becomes the container that grants permissions to its members to access the application tasks, screens and the functionality within. The default configuration includes a number of default roles.

Authority profiles are intended to build on one another and work in a hierarchical manner. The example in [Table 6-1](#) illustrates how this works using Audits as an example. The most basic level of access is Audit Reader, which grants the user permission to search and view audits. The next level of access is Audit Editor, which grants the user the ability to search and view audits, but also to create, maintain, and approve them. The final level of access in this example is Audit Administrator, which grants the user the access right of Audit Editor, but with the additional rights to delete audits (subject to other business rules), plus the administrative rights for maintaining the different types of audit templates, and supporting glossaries and configuration settings.

Table 6-1 Authority Profiles and Permissions

Authority Profile	Permissions
Audit Reader	<ul style="list-style-type: none">• Search Audits• View Audits
Audit Editor	<ul style="list-style-type: none">• All Privileges of Audit Reader• Create Audits• Maintain Audits• Approve Audits
Audit Administrator	<ul style="list-style-type: none">• All Privileges of Audit Editor• Delete Audits• Maintain Audit Templates & Glossaries

Permissions are essentially what actions that a user can perform, and on what data - controlled by collections of roles and authority profiles. The system determines the *best* case level of access based on the user's allocated authority profiles. For example, if a user possesses both

Audit Reader and Audit Editor authority profiles, the system will grant the user edit access over read access. The predefined permissions associated to each authority profile may be customized by configuring the Supplier Evaluation Permissions rules.

Roles and authority profiles are assigned to a user by another user with User Administrator access rights and the permission to grant those roles or authority profiles. A user cannot assign their own permissions.

While the configurability of roles and permissions allow for custom levels of access to be defined, the Supplier Evaluation application also applies various implicit permissions rules which cannot be overridden through configuration. For example, hard-coded security rules ensure that a supplier user does not have access to data of other supplier organizations, and that only retailer/portal owner users (with the necessary access rights) have access to the Administration and Reporting modules, and so forth.

Roles

Also referred to as User Roles, roles align with titles or jobs within an organization, such as a Technologist or Buyer. Roles are used to classify users based on job responsibilities and actions to be performed in the application. One or more roles as well as additional individual authority profiles, if desired, are assigned to each user. When a user logs into the application, based on the authority profiles assigned to the user, the system determines which permissions have been granted to the user and the system features are enabled accordingly.

For example, within Supplier Evaluation, a Technologist may have the ability to create and progress Audits, but not the ability to create new Audit templates. Specific users who have the responsibility for maintaining the templates will be granted an additional Audit Administrator authority profile that provides them with the necessary level of access to maintain the Audit templates.

Roles Provided at Initial Setup

A default security configuration is provided with the application during installation and is intended to be used as a starting point as you define the roles that align for your business and users. The provided roles can be modified by adding or removing authority profiles to adjust the access granted to the role, or the roles can be deleted completely. Additional roles can be created and mapped to the desired authority profiles. Administrator users can maintain the roles, authority profiles and permissions in the Supplier Evaluation Admin area.

Details about how to manage these application security policies are available in the Managing User Access chapter in the *Oracle Retail Supply Chain Collaboration Cloud Service Administration Guide*.

These roles are provided in the default security configuration:

- **Assistant Technologist** - Assists the Technologist in collaborating with suppliers for the on-going management of supplier sites and their products. Similar level of access as Technologist.
- **Auditor** - Carries out site audits and visits. May be a third-party user.
- **Buyer** - Develops business strategies and seasonal assortment for a brand. Similar access as Technologist, but typically read-only.
- **Laboratory** - Third-party users with basic level of access for reading documents and alerts.

- **Oracle Authorized User** - An administrator with the highest level of access to the configuration of the system. Has full access to the Admin area, including system parameters, custom fields, permissions and system text.
- **Power User** - An administrator with similar access as System Administrator, plus the ability to maintain system text and delete unused supplier and site accounts.
- **Process Administrator** - A retailer/portal owner with the administration responsibility for configuring templates for process projects, their activities and teams.
- **Process Manager** - A retailer/portal owner user with responsibility for scheduling and progressing projects and their activities.
- **Product Development Manager** - Develops product ranges and selects suppliers. Similar access as Technologist, but typically read-only.
- **Restricted Auditor** - An auditor who is restricted to accessing the audits and visits of only specific supplier sites. May be a third-party user.
- **Retailer Supplier Administrator** - A retailer/portal owner with the ability to administer additional supplier account information on behalf of the supplier, such as their users and contact details.
- **Site Administrator** - A user at a supplier site with responsibility for managing accounts for other users and contacts at the site.
- **Site Inspector** - A user responsible for quality assurance. Has a basic level of access.
- **Site User** - A user at a supplier site who collaborates with the retailer/portal owner in the on-going management of the site and its products.
- **Supplier Administrator** - A user at a supplier with responsibility for managing accounts for other users and contacts at the supplier and its sites.
- **Supplier User** - A user at a supplier who collaborates with the retailer/portal owner in the on-going management of the supplier's sites and its products.
- **Surveillance Laboratory User** - Uploads the laboratory test results for products. No access to other areas of the system. May be a third-party user.
- **System Administrator** - An administrator with responsibility for maintaining glossaries, users and documents.
- **Technologist** - Evaluates new suppliers and has general due diligence responsibility for the safety and quality aspects of the supplier's sites and products. Accesses most areas of the system.

For further information on the default set of roles, see the [Appendix: Roles](#) and [Appendix: Authority Profile to Role Mappings](#).

Authority Profiles

Authority profiles grant access to specific tasks, links, and actions within the application. The access controlled by a particular authority profile is fixed and can only be changed by an enhancement to the application. You can control the functions and features to which a user has access by grouping the desired authority profiles into roles, or can assign individual authority profiles in addition to roles.

An authority profile may be part of a set that provides varying degrees of access to an area, for example Audit Reader, Audit Editor, and Audit Administrator as described in the [Table 6-1](#) example. Alternatively, an authority profile may just control a specific feature, which is granted to individual users who perform the related function. For example, the Library Administrator

authority profile is granted to individuals who have the responsibility of publishing documents in addition to their main role.

Authority profiles are classified as being for a retailer/portal owner user or for a supplier/site user; they can therefore only be granted to the relevant types of users.

Authority profiles are coded into the system to control the related behavior. Therefore it is not possible to configure new authority profiles in the same way that new roles can be created. The supplied set of authority profiles are can be renamed, but cannot be deleted.

A user's *best case* level of access is determined by Authority Profile Groups, where related authority profiles are grouped in a hierarchy (for example Audit Administrator, Audit Editor, Audit Reader). If through the user's allocation of roles and authority profiles they have conflicting access right (for example Audit Editor and Audit Reader), the system will grant the highest level of access (for example edit rights) based on the hierarchy.

For the full list of Authority Profiles, see the [Appendix: Authority Profiles](#). For the full list of Authority Profile Groups, see the [Appendix: Authority Profile Groups](#). For the mapping of Authority Profiles to Roles, see the [Appendix: Authority Profile to Role Mappings](#).

Permissions

The rules for what data and functionality each authority profile has access to is defined in the Supplier Evaluation Permissions rules. The rules are configurable and are maintained by a spreadsheet download/upload facility within the Admin area.

The Permissions spreadsheet consists of a page for each module or area, containing a matrix of the access permitted to data and functionality elements by authority profile.

The data elements can be defined for an entire record type, or for specific pages, sections or individual fields within the record. The functionality elements are defined for menu options, actions and buttons.

The available levels of access are:

- R - read access
- W - write access
- C - record creation
- F - full access
- Y - access permitted
- N - access not permitted

The matrix can therefore be configured in a way that gives an authority profile full access to a data record and its functionality, or more granular access rights, such as to only view or edit certain aspects of a record, with a specific set of actions available.

By default, no access to data and functionality is assumed. Access must be specifically granted to the appropriate authority profiles, by defining Permissions rules.

[Figure 6-1](#) shows an example of the Supplier Evaluation Permissions spreadsheet.

Figure 6-1 Permissions Spreadsheet

	B	C	D	E	F	G	H	I	J	K	L	M
	Functionality				Data			Status				
	Authority Profile	Menu Option	Sub menu option	Action	Access	Page	Field Set	Field	Record	Parent Rec	User Mode	Access Level
92	Audit Editor	myCompany	Audit		Audit Checklist						NORMAL	F
93	Audit Reader										NORMAL	Y
94	Audit Reader			Open Template	Audit Visit						NORMAL	R
95	Audit Reader	myCompany	Audit		Audit Visit						RESTRICTED	Y
96	Audit Reader					auditSummaryAndComments	comments	furtherComments	Scheduled		NORMAL	N
97	Audit Reader				Audit Visit						NORMAL	R
98	Audit Reader				Audit Visit						NORMAL	Y
99	Audit Reader	mySupplier	Audit	Open Site	Audit Visit						NORMAL	Y
100	Audit Reader										NORMAL	Y
101	Supplier Audit Editor	myCompany	Audit								NORMAL	Y
102	Supplier Audit Editor	myCompany	Audit								RESTRICTED	Y
103	Supplier Audit Editor				Audit Visit						RESTRICTED	R
104	Supplier Audit Editor				Audit Visit						NORMAL	C
105	Supplier Audit Editor				Audit Visit	attachmentTable			Awaiting Amendment		NORMAL	R
106	Supplier Audit Editor				Audit Visit	auditDetails			Awaiting Amendment		NORMAL	R
107	Supplier Audit Editor				Audit Visit	auditSummaryAndComments			Awaiting Amendment		NORMAL	Y
108	Supplier Audit Editor			Set to Awaiting Sign-Off	Audit Visit				Awaiting Amendment		NORMAL	W
109	Supplier Audit Editor				Audit Visit				Awaiting Amendment		NORMAL	W
110	Supplier Audit Editor			Set to Awaiting Sign-Off	Audit Visit				Awaiting Corrective Action		NORMAL	Y
111	Supplier Audit Editor				Audit Visit				Awaiting Corrective Action		NORMAL	R
112	Supplier Audit Editor				Audit Visit	auditDetails			Awaiting Corrective Action		NORMAL	R
113	Supplier Audit Editor				Audit Visit	auditSummaryAndComments	comments	furtherComments	Scheduled		NORMAL	R
114	Supplier Audit Editor				Audit Visit				Awaiting Corrective Action		NORMAL	N
115	Supplier Audit Editor				Audit Visit	auditSummaryAndComments	comments	furtherComments	Scheduled		NORMAL	W
116	Supplier Audit Editor				Audit Visit				In Progress		NORMAL	W
117	Supplier Audit Editor				Audit Visit						NORMAL	R
118	Configuration Editor			SET TO ACTIVE	Audit Visit Template						NORMAL	Y
119	Configuration Editor			SET TO INACTIVE	Audit Visit Template						NORMAL	Y
120	Site Administrator				Audit Visit	siteLinking					NORMAL	N
121	Site User				Audit Visit	siteLinking					NORMAL	N
122	Supplier Administrator				Audit Visit	siteLinking					NORMAL	N
123	Supplier User				Audit Visit	siteLinking					NORMAL	N
124	Password Administrator			SET TO ACTIVE	Audit Visit Template						NORMAL	Y
125	Password Administrator			SET TO INACTIVE	Audit Visit Template						NORMAL	Y
126	Oracle Authorized Administrator			SET TO ACTIVE	Audit Visit Template						NORMAL	Y
127	Oracle Authorized Administrator			SET TO INACTIVE	Audit Visit Template						NORMAL	Y
128	Oracle Authorized Administrator	myCompany	Audit	SYNCHRONISE WORKFLOW	Audit Visit						NORMAL	Y
129	Audit Administrator	mySupplier	Audit								NORMAL	Y
130	Audit Administrator										NORMAL	Y
131	Audit Administrator			Set to In Progress	Audit Visit				Abandoned		NORMAL	Y

For further details on the Supplier Evaluation Permissions and configuring the spreadsheet see the Managing User Access chapter in the *Oracle Retail Supply Chain Collaboration Cloud Service Administration Guide*.

Various implicit permissions rules are hard-coded into the Supplier Evaluation security model and cannot be overridden through the configurable permissions rules. These include the segregation of data to ensure that a supplier users only have access to the data of their own organization.

7

Retail Supply Chain Hub Permissions

In Retail Supply Chain Hub permissions are maintained per module and entity by user type. In this section it is described the available permissions or each of the modules.

The permissions available are maintained in ORCV_SEC_APP_ROLES and to maintain each users permissions Profile should be used. More details about Profile can be found in the Implementation Guide.

Supply Chain Hub

Table 7-1 Roles and Permissions - Supply Chain Hub

APP ALIAS	ENTITY	USER TYPE	PERMISSION TYPE	ROLE NAME	ROLE DESCRIPTION
SPCH	NA	NA	APP	ORCV_SPCH_APP_JOB	Supply Chain Hub Access
SPCH	OPNEWS	Retailer	EDIT	ORCV_SPCH_OPNEWS_EDIT_JOB	Supply Chain Hub - Op News - Edit Access
SPCH	OPNEWS	Retailer	NA	ORCV_SPCH_OPNEWS_NA_JOB	Supply Chain Hub - Op News - No Access
SPCH	OPNEWS	Retailer	VIEW	ORCV_SPCH_OPNEWS_VIEW_JOB	Supply Chain Hub - Op News - View Access

Procure to Pay – Purchase Orders

Table 7-2 Roles and Permissions - Purchase Orders

APP ALIAS	ENTITY	USER TYPE	PERMISSION TYPE	ROLE NAME	ROLE DESCRIPTION
SPPP	NA	NA	APP	ORCV_SPPP_APP_JOB	Procure to Pay Access
SPPP	ORDER	Retailer	APPR	ORCV_SPPP_ORDER_APPR_JOB	Procure to Pay – Purchase Order - Approval Access
SPPP	ORDER	Retailer	EDIT	ORCV_SPPP_ORDER_EDIT_JOB	Procure to Pay – Purchase Order - Edit Access
SPPP	ORDER	Retailer	VIEW	ORCV_SPPP_ORDER_VIEW_JOB	Procure to Pay – Purchase Order - View Access
SPPP	ORDER	Retailer	NA	ORCV_SPPP_ORDER_NA_JOB	Procure to Pay – Purchase Order - No Access
SPPP	ORDER	Supplier	APPR	ORCV_SPPP_ORDER_APPR_JOB	Procure to Pay – Purchase Order - Approval Access
SPPP	ORDER	Supplier	EDIT	ORCV_SPPP_ORDER_EDIT_JOB	Procure to Pay – Purchase Order - Edit Access
SPPP	ORDER	Supplier	VIEW	ORCV_SPPP_ORDER_VIEW_JOB	Procure to Pay – Purchase Order - View Access
SPPP	ORDER	Supplier	NA	ORCV_SPPP_ORDER_NA_JOB	Procure to Pay – Purchase Order - No Access

Procure to Pay – Shipments

Table 7-3 Roles and Permissions - Shipments

APP ALIAS	ENTITY	USER TYPE	PERMISSION TYPE	ROLE NAME	ROLE DESCRIPTION
SPPP	NA	NA	APP	ORCV_SPPP_APP_JOB	Procure to Pay Access
SPPP	ASN	Retailer	APPR	ORCV_SPPP_ASN_APPR_JOB	Procure to Pay – Shipment - Approval Access
SPPP	ASN	Retailer	VIEW	ORCV_SPPP_ASN_VIEW_JOB	Procure to Pay – Shipment - View Access
SPPP	ASN	Retailer	NA	ORCV_SPPP_ASN_NA_JOB	Procure to Pay – Shipment - No Access
SPPP	ASN	Supplier	APPR	ORCV_SPPP_ASN_APPR_JOB	Procure to Pay – Shipment - Approval Access
SPPP	ASN	Supplier	VIEW	ORCV_SPPP_ASN_VIEW_JOB	Procure to Pay – Shipment - View Access
SPPP	ASN	Supplier	NA	ORCV_SPPP_ASN_NA_JOB	Procure to Pay – Shipment - No Access

Procure to Pay – Finance Documents

Table 7-4 Roles and Permissions - Finance Documents

APP ALIAS	ENTITY	USER TYPE	PERMISSION TYPE	ROLE NAME	ROLE DESCRIPTION
SPPP	FINDOC	Retailer	APPR	ORCV_SPPP_FINDOC_APPR_JOB	Procure to Pay – Finance Document - Approval Access
SPPP	FINDOC	Retailer	VIEW	ORCV_SPPP_FINDOC_VIEW_JOB	Procure to Pay – Finance Document - View Access
SPPP	FINDOC	Retailer	NA	ORCV_SPPP_FINDOC_NA_JOB	Procure to Pay – Finance Document - No Access
SPPP	FINDOC	Supplier	APPR	ORCV_SPPP_FINDOC_APPR_JOB	Procure to Pay – Finance Document - Approval Access
SPPP	FINDOC	Supplier	VIEW	ORCV_SPPP_FINDOC_VIEW_JOB	Procure to Pay – Finance Document - View Access
SPPP	FINDOC	Supplier	NA	ORCV_SPPP_FINDOC_NA_JOB	Procure to Pay – Finance Document - No Access

Return to Vendor

Table 7-5 Roles and Permissions - Return to Vendor

APP ALIAS	ENTITY	USER TYPE	PERMISSION TYPE	ROLE NAME	ROLE DESCRIPTION
SPRV	NA	NA	APP	ORCV_SPRV_APP_JOB	Return to Vendor Access
SPRV	RTV	Retailer	APPR	ORCV_SPRV_RTV_APPR_JOB	Return to Vendor - Approval Access
SPRV	RTV	Supplier	APPR	ORCV_SPRV_RTV_APPR_JOB	Return to Vendor - Approval Access
SPRV	RTV	Retailer	EDIT	ORCV_SPRV_RTV_EDIT_JOB	Return to Vendor - Edit Access
SPRV	RTV	Supplier	EDIT	ORCV_SPRV_RTV_EDIT_JOB	Return to Vendor - Edit Access
SPRV	RTV	Retailer	VIEW	ORCV_SPRV_RTV_VIEW_JOB	Return to Vendor - View Access
SPRV	RTV	Supplier	VIEW	ORCV_SPRV_RTV_VIEW_JOB	Return to Vendor - View Access

Inventory and Sales

Table 7-6 Roles and Permissions - Inventory and Sales

APP ALIAS	ENTITY	USER TYPE	PERMISSION TYPE	ROLE NAME	ROLE DESCRIPTION
SPIS	NA	NA	APP	ORCV_SPIS_APP_JOB	Inventory and Sales Access
SPIS	IS	Retailer	VIEW	ORCV_SPIS_IS_VIEW_JOB	Inventory and Sales - View Access
SPIS	IS	Supplier	VIEW	ORCV_SPIS_IS_VIEW_JOB	Inventory and Sales - View Access

Items Management

Table 7-7 Roles and Permissions - Items Management

APP ALIAS	ENTITY	USER TYPE	PERMISSION TYPE	ROLE NAME	ROLE DESCRIPTION
SPIM	NA	NA	APP	ORCV_SPIM_APP_JOB	Items Management Access
SPIM	ITEM	Retailer	APPR	ORCV_SPIM_ITEM_APPR_JOB	Items Management - Item - Approval Access
SPIM	ITEM	Retailer	EDIT	ORCV_SPIM_ITEM_EDIT_JOB	Items Management - Item - Edit Access
SPIM	ITEM	Retailer	VIEW	ORCV_SPIM_ITEM_VIEW_JOB	Items Management - Item - View Access

Table 7-7 (Cont.) Roles and Permissions - Items Management

APP ALIAS	ENTITY	USER TYPE	PERMISSION TYPE	ROLE NAME	ROLE DESCRIPTION
SPIM	ITEM	Supplier	EDIT	ORCV_SPIM_ITEM_EDIT_JOB	Items Management - Item - Edit Access
SPIM	ITEM	Supplier	VIEW	ORCV_SPIM_ITEM_VIEW_JOB	Items Management - Item - View Access

Cost Changes Management

Table 7-8 Roles and Permissions - Cost Changes Management

APP ALIAS	ENTITY	USER TYPE	PERMISSION TYPE	ROLE NAME	ROLE DESCRIPTION
SPCC	NA	NA	APP	ORCV_SPCC_APP_JOB	Cost Change Management Access
SPCC	COST	Retailer	APPR	ORCV_SPCC_COSTCHG_APPR_JOB	Cost Change Management - Cost - Approval Access
SPCC	COST	Retailer	EDIT	ORCV_SPCC_COSTCHG_EDIT_JOB	Cost Change Management - Cost - Edit Access
SPCC	COST	Retailer	VIEW	ORCV_SPCC_COSTCHG_VIEW_JOB	Cost Change Management - Cost - View Access
SPCC	COST	Supplier	APPR	ORCV_SPCC_COSTCHG_APPR_JOB	Cost Change Management - Cost - Approval Access
SPCC	COST	Supplier	EDIT	ORCV_SPCC_COSTCHG_EDIT_JOB	Cost Change Management - Cost - Edit Access
SPCC	COST	Supplier	VIEW	ORCV_SPCC_COSTCHG_VIEW_JOB	Cost Change Management - Cost - View Access

Supplier Performance

Table 7-9 Roles and Permissions - Supplier Performance

APP ALIAS	ENTITY	USER TYPE	PERMISSION TYPE	ROLE NAME	ROLE DESCRIPTION
SPPF	NA	NA	APP	ORCV_SPPF_APP_JOB	Supplier Performance Access

Table 7-9 (Cont.) Roles and Permissions - Supplier Performance

APP ALIAS	ENTITY	USER TYPE	PERMISSION TYPE	ROLE NAME	ROLE DESCRIPTION
SPPF	SCORE	Retailer	VIEW	ORCV_SPPF_SCORE_VIEW_JOB	Supplier Performance - View Supplier Details and Questionnaires
SPPF	SCORE	Retailer	EDIT	ORCV_SPPF_SCORE_EDIT_JOB	Supplier Performance - View Supplier Details and reply to Questionnaires
SPPF	QUESTN	Retailer	VIEW	ORCV_SPPF_QUESTN_VIEW_JOB	Supplier Performance - View Permission to View Questionnaire Templates
SPPF	QUESTN	Retailer	EDIT	ORCV_SPPF_QUESTN_EDIT_JOB	Supplier Performance - Edit Permission to View and Edit Questionnaire Templates

Quality Control

Table 7-10 Roles and Permissions - Quality Control

APP ALIAS	ENTITY	USER TYPE	PERMISSION TYPE	ROLE NAME	ROLE DESCRIPTION
QLCT	NA	NA	APP	ORCV_QLCT_APP_JOB	Quality Control Access
QLCT	QCJOB	Retailer	CREATE	ORCV_QLCT_QCJOB_CREATE_JOB	Job - Create Access
QLCT	QCJOB	Retailer	VIEW	ORCV_QLCT_QCJOB_VIEW_JOB	Job - View Access
QLCT	QCJOB	Supplier	VIEW	ORCV_QLCT_QCJOB_VIEW_JOB	Job - View Access
QLCT	QCINSPECT	Retailer	APPR	ORCV_QLCT_QCINSPECT_APPR_JOB	Inspection - Approval Access
QLCT	QCINSPECT	Retailer	EDIT	ORCV_QLCT_QCINSPECT_EDIT_JOB	Inspection – Edit Access
QLCT	QCINSPECT	Retailer	VIEW	ORCV_QLCT_QCINSPECT_VIEW_JOB	Inspection – View Access
QLCT	QCINSPECT	Supplier	VIEW	ORCV_QLCT_QCINSPECT_VIEW_JOB	Inspection – View Access
QLCT	CFG	Retailer	EDIT	ORCV_QLCT_CFG_EDIT_JOB	Configuration – Edit Access
QLCT	CFG	Retailer	VIEW	ORCV_QLCT_CFG_VIEW_JOB	Configuration – View Access

Deals Management

Table 7-11 Roles and Permissions - Deals Management

APP ALIAS	ENTITY	USER TYPE	PERMISSION TYPE	ROLE NAME	ROLE DESCRIPTION
SPDM	NA	NA	APP	ORCV_SPDM_APP_JOB	Deals Management Access
SPDM	DEAL	Retailer	APPR	ORCV_SPDM_DEAL_APPR_JOB	Deals Management - Approval Access
SPDM	DEAL	Retailer	EDIT	ORCV_SPDM_DEAL_EDIT_JOB	Deals Management - Edit Access
SPDM	DEAL	Retailer	VIEW	ORCV_SPDM_DEAL_VIEW_JOB	Deals Management - View Access
SPDM	DEAL	Supplier	APPR	ORCV_SPDM_DEAL_APPR_JOB	Deals Management - Approval Access
SPDM	DEAL	Supplier	EDIT	ORCV_SPDM_DEAL_EDIT_JOB	Deals Management - Edit Access
SPDM	DEAL	Supplier	VIEW	ORCV_SPDM_DEAL_VIEW_JOB	Deals Management - View Access

Supplier Penalties

Table 7-12 Roles and Permissions - Supplier Penalties

APP ALIAS	ENTITY	USER TYPE	PERMISSION TYPE	ROLE NAME	ROLE DESCRIPTION
SPPY			APP	ORCV_SPPY_APP_JOB	Supplier Penalties Access
SPPY	PENALTY	Retailer	APPR	ORCV_SPPY_PENALTY_APPR_JOB	Penalty - Approval Access
SPPY	PENALTY	Retailer	EDIT	ORCV_SPPY_PENALTY_EDIT_JOB	Penalty - Edit Access
SPPY	PENALTY	Retailer	VIEW	ORCV_SPPY_PENALTY_VIEW_JOB	Penalty - View Access
SPPY	PENALTY	Supplier	APPR	ORCV_SPPY_PENALTY_APPR_JOB	Penalty - Approval Access
SPPY	PENALTY	Supplier	VIEW	ORCV_SPPY_PENALTY_VIEW_JOB	Penalty - View Access

Retail Price

Table 7-13 Roles and Permissions - Retail Price

APP ALIAS	ENTITY	USER TYPE	PERMISSION TYPE	ROLE NAME	ROLE DESCRIPTION
SPPM	NA	NA	APP	ORCV_SPPM_APP_JOB	Retail Price Access

Table 7-13 (Cont.) Roles and Permissions - Retail Price

APP ALIAS	ENTITY	USER TYPE	PERMISSION TYPE	ROLE NAME	ROLE DESCRIPTION
SPPM	PRC	Retailer	APPR	ORCV_SPPM_PRC_APPR_JOB	Retail Price - Price Change - Approval Access
SPPM	PRC	Supplier	APPR	ORCV_SPPM_PRC_APPR_JOB	Retail Price - Price Change - Approval Access
SPPM	PRC	Retailer	EDIT	ORCV_SPPM_PRC_EDIT_JOB	Retail Price - Price Change - Edit Access
SPPM	PRC	Supplier	EDIT	ORCV_SPPM_PRC_EDIT_JOB	Retail Price - Price Change - Edit Access
SPPM	PRC	Retailer	VIEW	ORCV_SPPM_PRC_VIEW_JOB	Retail Price - Price Change - View Access
SPPM	PRC	Supplier	VIEW	ORCV_SPPM_PRC_VIEW_JOB	Retail Price - Price Change - View Access
SPPM	SPROMO	Retailer	APPR	ORCV_SPPM_SPROMO_APPR_JOB	Retail Price - Simple Promotion - Approval Access
SPPM	SPROMO	Supplier	APPR	ORCV_SPPM_SPROMO_APPR_JOB	Retail Price - Simple Promotion - Approval Access
SPPM	SPROMO	Retailer	EDIT	ORCV_SPPM_SPROMO_EDIT_JOB	Retail Price - Simple Promotion - Edit Access
SPPM	SPROMO	Supplier	EDIT	ORCV_SPPM_SPROMO_EDIT_JOB	Retail Price - Simple Promotion - Edit Access
SPPM	SPROMO	Retailer	VIEW	ORCV_SPPM_SPROMO_VIEW_JOB	Retail Price - Simple Promotion - View Access
SPPM	SPROMO	Supplier	VIEW	ORCV_SPPM_SPROMO_VIEW_JOB	Retail Price - Simple Promotion - View Access

Financial Summary

Table 7-14 Roles and Permissions - Financial Summary

APP ALIAS	Entity	User Type	Permission Type	Role Name	Role Description
SPFS	NA	NA	APP	ORCV_SPFS_APP_JOB	Financial Summary Access

Appointments Management

Table 7-15 Roles and Permissions - Appointments Management

APP_ALIAS	ENTITY	USER TYPE	PERMISSION TYPE	ROLE NAME	ROLE DESCRIPTION
SPAP	NA	NA	APP	ORCV_SPAP_APP_JOB	Appointments Management Access
SPAP	APPT	Retailer	APPR	ORCV_SPAP_APPT_APPR_JOB	Appointments Management - Appointment - Approval Access
SPAP	APPT	Supplier	APPR	ORCV_SPAP_APPT_APPR_JOB	Appointments Management - Appointment - Approval Access
SPAP	APPT	Retailer	EDIT	ORCV_SPAP_APPT_EDIT_JOB	Appointments Management - Appointment - Edit Access
SPAP	APPT	Supplier	EDIT	ORCV_SPAP_APPT_EDIT_JOB	Appointments Management - Appointment - Edit Access
SPAP	APPT	Retailer	VIEW	ORCV_SPAP_APPT_VIEW_JOB	Appointments Management - Appointment - View Access
SPAP	APPT	Supplier	VIEW	ORCV_SPAP_APPT_VIEW_JOB	Appointments Management - Appointment - View Access
SPAP	SLOT	Retailer	EDIT	ORCV_SPAP_SLOT_EDIT_JOB	Appointments Management - Slot - Edit Access
SPAP	SLOT	Retailer	VIEW	ORCV_SPAP_SLOT_VIEW_JOB	Appointments Management - Slot - View Access

Customer Order Fulfillment

Table 7-16 Roles and Permissions - Customer Order Fulfillment

APP ALIAS	ENTITY	USER TYPE	PERMISSION TYPE	ROLE NAME	ROLE DESCRIPTION
SPCO	NA	NA	APP	ORCV_SPCO_APP_JOB	Customer Orders Access
SPCO	COF	Retailer	EDIT	ORCV_SPCO_COF_EDIT_JOB	Customer Orders - Edit Access
SPCO	COF	Supplier	EDIT	ORCV_SPCO_COF_EDIT_JOB	Customer Orders - Edit Access
SPCO	COF	Retailer	VIEW	ORCV_SPCO_COF_VIEW_JOB	Customer Orders - View Access
SPCO	COF	Supplier	VIEW	ORCV_SPCO_COF_VIEW_JOB	Customer Orders - View Access

Reports

Table 7-17 Roles and Permissions - Reports

APP ALIAS	ENTITY	USER TYPE	PERMISSION TYPE	ROLE NAME	ROLE DESCRIPTION
RPTS	NA	NA	APP	ORCV_RPTS_APP_JOB	Reports Access

The access to each Report configured in Reports has it's own definition of security, more details in Report Configuration.

8

Frequently Asked Questions

This chapter includes a number of specific questions related to security that are frequently asked by prospects, customers and implementers.

Table 8-1 Frequently Asked Questions

Question	Answer
Does Supplier Evaluation Cloud Service support data encryption?	Yes. All data is stored in encrypted tablespace at rest, and is encrypted in transit. Supplier Evaluation Cloud Service uses TLS for secure transport of data.
Does Supplier Evaluation Cloud Service provide network segregation?	Yes. The Oracle Cloud network is isolated from the Oracle corporate network.
Does Supplier Evaluation Cloud Service provide secure backups?	Yes. Backup is a standard process for Supplier Evaluation Cloud Service. Database and application servers are backed up both incrementally (daily) and fully (weekly). Backups are stored for at least 60 days.
Does Supplier Evaluation Cloud Service provide centralized logging?	Yes. All application and infrastructure logs are forwarded to a centralized Security Information and Event Management system.
Does Supplier Evaluation Cloud Service provide anti-virus?	Yes. All files uploaded into Supplier Evaluation Cloud Service are scanned by anti-virus and anti-malware software. All hosts in the cloud service are regularly patched with the latest critical patch updates.
Does Supplier Evaluation Cloud Service provide strong authentication options such as 2-factor, one-time Password?	Multi-Factor Authentication is an option if a customer chooses to license the Standard Tier of IDCS or OCI IAM.
Does Supplier Evaluation Cloud Service include a configurable warning banner which is presented upon login?	Terms of Use is an option if a customer chooses to license the Standard Tier of IDCS or OCI IAM. It presents disclaimers and acceptable use policies to users. The Supplier Evaluation application also allows for the configuration of portal specific terms and conditions, which are presented for the user to accept or reject upon first login.
Does Supplier Evaluation Cloud Service implement access lists to secure each tier of the solution?	Yes. Communication between tiers within Supplier Evaluation Cloud Service is limited by subnet ingress security lists.
Does Supplier Evaluation Cloud Service include and support the capability to change default account passwords?	All user password management occurs in IDCS or OCI IAM.
Does Supplier Evaluation Cloud Service support Roles with defined access levels?	Yes. Oracle Retail Enterprise roles span Oracle Retail applications. Within Supplier Evaluation Cloud Service, privileges and duties can be assigned to roles to define what is accessible to certain types of users.
Does Supplier Evaluation Cloud Service support synchronizing with an external time source?	All hosts within the solution are synchronized to the same time source.

Table 8-1 (Cont.) Frequently Asked Questions

Question	Answer
Does Supplier Evaluation Cloud Service provide strong password options such as complexity, history, aging, and account lockout?	IDCS or OCI IAM provides robust password policy management functionality. When a user creates a password, IDCS or OCI IAM validates the password against the password policies. More information about password policies is available at https://docs.oracle.com/en/cloud/paas/identity-cloud/uais/manage-oracle-identity-cloud-service-password-policies1.html .

A

Appendix: Roles

[Table A-1](#) lists the default set of Supplier Evaluation roles.

Each role has a description, a unique code, and is assigned a user type to control which type of users it may be granted:

- Retailer - retailer/portal owner users
- Supplier - supplier users at the level of the supplier account
- Site - supplier users at the level of individual sites

Table A-1 Roles

Role	User Type	Code
Assistant Technologist	Retailer	ASSISTANT TECHNOLOGIST
Auditor	Retailer	AUDITOR
Buyer	Retailer	BUYER
Laboratory	Retailer	LABORATORY
Oracle Authorized User	Retailer	ORACLE AUTHORIZED USER
Power User	Retailer	POWER USER
Process Administrator	Retailer	PROJECT ADMINISTRATOR
Process Manager	Retailer	PROJECT MANAGER
Restricted Auditor	Retailer	RESTRICTED AUDITOR
Retailer Supplier Administrator	Retailer	RETAILER SUPPLIER ADMINISTRATOR
Site Administrator	Site	SITE ADMINISTRATOR
Site Inspector	Retailer	SITE INSPECTOR
Site User	Site	SITE USER
Supplier Administrator	Supplier	SUPPLIER ADMINISTRATOR
Supplier User	Supplier	SUPPLIER USER
System Administrator	Retailer	SYSTEM ADMINISTRATOR
Technologist	Retailer	PRODUCT TECHNOLOGIST

B

Appendix: Authority Profiles

[Table B-1](#) lists the Supplier Evaluation authority profiles.

Each authority profile has a description and a unique code.

Table B-1 Authority Profiles

Description	Code
Advanced Reporting Administrator	ADVANCED REPORTING ADMINISTRATOR
Advanced Reporting Reader	ADVANCED REPORTING READER
Advanced Reporting User	ADVANCED REPORTING USER
Alert Administrator	RETAILER ALERT ADMINISTRATOR
Alert Reader (Retailer)	RETAILER ALERT READER
Alert Reader (Supplier)	SUPPLIER ALERT READER
Alert Responder	SUPPLIER ALERT RESPONDER
Artwork User	MY ARTWORK USER
Assessment Administrator	SCORECARD ADMINISTRATOR
Assessment Editor	SCORECARD EDITOR
Assessment Reader	SCORECARD READER
Assessment Requester	SCORECARD REQUESTER
Audit Administrator	AUDIT ADMINISTRATOR
Audit Editor	AUDIT EDITOR
Audit Reader	AUDIT READER
Configuration Editor	CONFIGURATION EDITOR
Custom Field Administrator	CUSTOM FIELD ADMINISTRATOR
Dashboard Access	DASHBOARD ACCESS
Global Changes Administrator	GLOBAL CHANGES ADMINISTRATOR
Glossary Administrator	GLOSSARY ADMINISTRATOR
Integration Administrator	INTEGRATION ADMINISTRATOR
Library Administrator	LIBRARY ADMINISTRATOR
Library Reader	LIBRARY READER
Maintain Codes in Product Record	PRODUCT RECORD CODES ADMINISTRATOR
News Administrator	NEWS ADMINISTRATOR
Oracle Authorized Administrator	ORACLE AUTHORIZED ADMINISTRATOR
Power Administrator	POWER ADMINISTRATOR
Process Administrator	PROJECT ADMINISTRATOR
Process Manager	PROJECT MANAGER
Product Administrator	PRODUCT ADMINISTRATOR

Table B-1 (Cont.) Authority Profiles

Description	Code
Product Record Codes Administrator	PRODUCT RECORD CODES ADMINISTRATOR
Restricted Auditor	RESTRICTED AUDITOR
Retailer Product Editor	RETAILER PRODUCT EDITOR
Retailer Product Reader	RETAILER PRODUCT READER
Retailer Score Viewer	RETAILER SCORE VIEWER
Retailer - Supply Chain Collaboration Administrator	RSCH_RETAILER_ADMINISTRATOR
Retailer - Supply Chain Collaboration User	RSCH_RETAILER_USER
Site Administrator	SITE ADMINISTRATOR
Site Status Editor	SITE STATUS EDITOR
Site User	SITE USER
Supplier & Site Administrator	SUPPLIER & SITE ADMINISTRATOR
Supplier & Site Creator	SUPPLIER & SITE CREATOR
Supplier & Site Editor	SUPPLIER & SITE EDITOR
Supplier & Site Reader	SUPPLIER & SITE READER
Supplier Administrator	SUPPLIER ADMINISTRATOR
Supplier Assessment Editor	SUPPLIER SCORECARD EDITOR
Supplier Audit Editor	SUPPLIER AUDIT EDITOR
Supplier Contacts Administrator	SUPPLIER CONTACTS ADMINISTRATOR
Supplier Product Editor	SUPPLIER PRODUCT EDITOR
Supplier Site & Contact Editor	SUPPLIER SITE & CONTACT EDITOR
Supplier User	SUPPLIER USER
Supplier User Editor	SUPPLIER USER EDITOR
Supply Chain Collaboration Administrator	RSCH_SUPPLIER_ADMINISTRATOR
Supply Chain Collaboration User	RSCH_SUPPLIER_USER
System Text Administrator	SYSTEM TEXT ADMINISTRATOR
Upload Administrator	UPLOAD ADMINISTRATOR
User Administrator	USER ADMINISTRATOR
User Editor	USER EDITOR

C

Appendix: Authority Profile Groups

[Table C-1](#) lists the Supplier Evaluation authority profile groups.

Each authority profile group consists of a set of authority profiles, in a hierarchical order of level of access.

Table C-1 Authority Profile Groups

Authority Profile Group	Code	Authority Profiles
Alerts	ALERTS	Retailer Alert Administrator Retailer Alert Reader Supplier Alert Responder Supplier Alert Reader
Audit	AUDIT	Audit Administrator Audit Editor Restricted Auditor Audit Reader Supplier Audit Editor
Custom Field Administrator	CUSTOM FIELD ADMINISTRATOR	Custom Field Administrator
Dashboard	DASHBOARD	Dashboard Access
Document	DOCUMENT	Library Administrator Library Reader
Global	GLOBAL	Global Changes Administrator
Glossary Administrator	GLOSSARY ADMINISTRATOR	Glossary Administrator
Integration	INTEGRATION	Integration Administrator
Artwork	MYARTWORK	My Artwork User
Process	MYPROJECT	Process Administrator Process Manager
News	NEWS	News Administrator
Power Administrator	POWER ADMINISTRATOR	Power Administrator
Product Records	PRODUCT	Product Administrator Retailer Product Editor Retailer Product Reader Supplier Product Editor
Product Record Codes	PRODUCT RECORD CODES ADMINISTRATOR GROUP	Product Record Codes Administrator
Reporting	REPORTING	Advanced Reporting Administrator Advanced Reporting User Advanced Reporting Reader

Table C-1 (Cont.) Authority Profile Groups

Authority Profile Group	Code	Authority Profiles
Assessments	SCORECARDS	Assessment Administrator Assessment Requester Assessment Editor Supplier Assessment Editor Assessment Reader
Scoring	SCORING	Retail Score Viewer
Sites Status	SITESTATUS	Site Status Editor
Supplier, Site & Contact	SUPPLIERSITE&CONTACT	Supplier Contacts Administrator Supplier Site & Contact Editor
Supplier Site (Retailer)	SUPPLIERSITERET	Supplier & Site Administrator Supplier & Site Creator Supplier & Site Editor Supplier & Site Reader
Supplier Site (Supplier)	SUPPLIERSITESUP	Supplier Administrator Site Administrator Supplier User Site User
System	SYSTEM	Oracle Authorized Administrator Configuration Editor
System Text Administrator	SYSTEM TEXT ADMINISTRATOR	System Text Administrator
Upload Administrator	UPLOAD ADMINISTRATOR	Upload Administrator
User	USER	User Administrator User Editor Supplier User Editor

D

Appendix: Authority Profile to Role Mappings

[Table D-1](#) maps the authority profiles to each of the default Supplier Evaluation roles.

Roles are assigned a user type to control which type of users it may be granted (Retailer, Supplier, or Site).

Table D-1 Authority Profile to Role Mappings

Role	User Type	Authority Profiles
Assistant Technologist	Retailer	Library Reader Audit Editor Supplier & Site Creator Site Status Editor Advanced Reporting User Alert Reader Assessment Editor Retailer Product Editor
Auditor	Retailer	Library Reader Audit Editor Supplier & Site Reader Advanced Reporting User Alert Reader Retailer Product Reader
Buyer	Retailer	Library Reader Audit Reader Supplier & Site Reader Advanced Reporting User Alert Reader Retailer Product Reader
Laboratory	Retailer	Library Reader Alert Reader
Oracle Authorized User	Retailer	Artwork User Custom Field Administrator Dashboard Access Glossary Administrator Integration Administrator Oracle Authorized Administrator Retailer - Supply Chain Collaboration Administrator System Text Administrator Upload Administrator

Table D-1 (Cont.) Authority Profile to Role Mappings

Role	User Type	Authority Profiles
Power User	Retailer	Assessment Reader Configuration Editor Site Status Editor Library Administrator News Administrator Audit Administrator Global Changes Administrator Supplier & Site Creator Advanced Reporting Administrator User Administrator Alert Administrator Assessment Administrator Power Administrator Process Administrator Product Administrator
Process Administrator	Retailer	Process Administrator
Process Manager	Retailer	Process Manager
Product Development Manager	Retailer	Library Reader Audit Reader Supplier & Site Reader Advanced Reporting User Alert Reader Retailer Product Reader
Restricted Auditor	Retailer	Library Reader Restricted Auditor Library Reader Alert Reader
Retailer Supplier Administrator	Retailer	Supplier & Site Administrator Supplier User Editor Supplier Contacts Administrator
Site Administrator	Supplier	Site Administrator Library Reader User Editor Supplier Site & Contact Editor Supplier Audit Editor Alert Responder Supplier Assessment Editor Supplier Product Editor Supply Chain Collaboration Administrator
Site Inspector	Retailer	Library Reader

Table D-1 (Cont.) Authority Profile to Role Mappings

Role	User Type	Authority Profiles
Site User	Supplier	Site User Library Reader Supplier Audit Editor Alert Reader Supplier Assessment Editor Supplier Product Editor Supply Chain Collaboration User
Supplier Administrator	Supplier	Alert Responder Dashboard Access Library Reader Supplier Administrator Supplier Assessment Editor Supplier Audit Editor Supplier Site & Contact Editor Supplier Product Editor Supply Chain Collaboration Administrator User Editor
Supplier User	Supplier	Supplier User Library Reader Supplier Audit Editor Alert Reader Supplier Assessment Editor Supplier Product Editor Supply Chain Collaboration User
System Administrator	Retailer	Advanced Reporting Administrator Advanced Reporting User Alert Administrator Assessment Administrator Audit Administrator Configuration Editor Global Changes Administrator Library Administrator News Administrator Process Administrator Site Status Editor Supplier & Site Creator User Administrator Product Administrator Dashboard Access

Table D-1 (Cont.) Authority Profile to Role Mappings

Role	User Type	Authority Profiles
Technologist	Retailer	Advanced Reporting User Alert Reader Assessment Editor Audit Editor Library Reader Retailer Score Viewer Site Status Editor Supplier & Site Creator Retailer Product Editor