Oracle® Fusion Applications

Administrator and Implementor Roadmap

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An Oracle Fusion Applications environment consists of different Oracle Fusion Applications product families. Product families are comprised of one or more Java EE applications specific to Oracle Fusion Applications.

Each product family is built on the Oracle Fusion Middleware stack with an Oracle WebLogic Server domain with Java components, system components, and various Oracle Fusion Middleware components. For an overview of the architecture, see "Oracle Fusion Applications Architecture Design" and "Key Concepts"in the *Oracle Fusion Applications Concepts Guide*. Therefore, it is important to consider your entire Oracle Fusion Applications environment when installing, administering, and implementing Oracle Fusion Applications.

This document provides roadmaps for the following areas:

- Managing the Implementation Lifecycle
- Administering the Oracle Fusion Applications Environment

1 Managing the Implementation Lifecycle

Table 1 describes the high-level tasks for managing the implementation lifecycle for Oracle Fusion Applications. It also provides information on where to get more details for each task.

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Table 1   Tasks for Oracle Fusion Applications

Task	Description	Documentation
Task 1: Learn the concepts	Determine your installation options and ensure that your system environment meets the general installation requirements for Oracle Fusion Applications and Oracle Fusion Middleware components.	*Oracle Fusion Applications Concepts Guide* Oracle Fusion Applications release notes to learn what requirements and known issues to consider when installing, upgrading, and running Oracle Fusion Applications
Task 2: Complete planning requirements	Determine your installation options and ensure that your system environment meets the general installation requirements for Oracle Fusion Applications and Oracle Fusion Middleware components.	"Preparing for an Installation" in the *Oracle Fusion Applications Installation Guide*
Task 3: Install Oracle Fusion Applications	**Provisioning** is the entire set of operations required to install, configure, and deploy applications product offerings from a system point of view: ■ Installation provides the operations related to laying down all the component needed to create an Oracle Fusion Applications environment. ■ Configuration tailors components based on the applications topology, the creation of Oracle WebLogic Server Managed Servers and clusters, and the updating of endpoints and virtual hosts. ■ Deployment starts the Managed Servers and clusters and facilitates the actual use of product offerings.	*Oracle Fusion Applications Installation Guide* to provision a new environment *Oracle Fusion Middleware Enterprise Deployment Guide for Oracle Identity Management (Oracle Fusion Applications Edition)* to learn how to install the Oracle Identity Management stack for Oracle Fusion Applications *Oracle Fusion Applications Customer Relationship Management Enterprise Deployment Guide* to learn how to install an enterprise topology for a scalable, Oracle Fusion Customer Relationship Management production environment Oracle Fusion Applications release notes to learn what requirements and known issues to consider when installing, upgrading, and running Oracle Fusion Applications
Task 4: Apply patches	It is necessary to perform various maintenance actions on your applications, their middleware dependencies, and their database components. Maintenance actions include fixing issues that affect the way the applications perform, adding new functionality and features, updating to a higher maintenance level, or providing interoperability to new technology stacks. Patches may be required for maintenance of middleware artifacts, database artifacts, or both.	*Oracle Fusion Applications Patching Guide*
Task 5: Perform post-installation configuration	Perform post-installation tasks, such as configuration for specific product families.	*Oracle Fusion Applications Post-Installation Guide*

Table 1 (Cont.) Tasks for Oracle Fusion Applications

Task	Description	Documentation
Task 6: Manage the Oracle Fusion Applications environment	Administer the Oracle Fusion Applications environment by starting servers, managing ports, monitoring performance, configure components, managing logs, backing up and recovering your environment, and managing incidents.	Table 2
Task 7: Implement Oracle Fusion applications	At the end of the installation process, the Oracle Fusion Applications system is operational and available for login. However, there are setup steps that are necessary for the applications. You perform these tasks with the Oracle Fusion Functional Setup Manager.	*Oracle Fusion Applications Information Technology Management, Implement Applications Guide* *Oracle Fusion Applications Common Implementation Guide*
Task 8: Customize Oracle Fusion Applications	Implement customizations to the Oracle Fusion Applications.	*Oracle Fusion Applications Extensibility Guide*
Task 9: Configure Oracle Transactional Business Intelligence	Perform current-state analysis of the Oracle Fusion applications with Oracle Transactional Business Intelligence, which is built on Oracle BI Enterprise Edition.	*Oracle Fusion Administrator's Guide for Transactional Business Intelligence*
Task 10: Configure Oracle Business Intelligence Applications and extend the BI domain	After the Oracle Fusion applications are running, configure the Oracle Business Intelligence Applications applications for analyzing historical data. This process includes additional installation and setup requirements, such as installing additional components, creating the repositories required by Oracle Business Intelligence Applications, and extending the BI domain to include the BI components required for the applications.	*Oracle Fusion Middleware Installation and Configuration Guide for Oracle Business Intelligence Applications*
Task 11: Configure security	Secure Oracle Fusion Applications by reviewing the security reference implementation of predefined roles, policies, and settings. Manage roles and manage user access through role provisioning.	*Oracle Fusion Applications Security Guide* *Oracle Fusion Middleware Oracle Authorization Policy Manager Administrator's Guide (Oracle Fusion Applications Edition)*
Task 12: Configure for an enterprise deployment	Apply Oracle-recommended blueprints to product families to ensure security of all invocations, maximize hardware resources, and provide a reliable, standards-compliant system for enterprise computing with a variety of applications.	*Oracle Fusion Middleware Enterprise Deployment Guide for Oracle Identity Management (Oracle Fusion Applications Edition)* to deploy Oracle Identity Management *Oracle Fusion Applications Customer Relationship Management Enterprise Deployment Guide* to deploy an enterprise topology for Oracle Fusion Customer Relationship Management

2 Administering the Oracle Fusion Applications Environment

Table 2 describes the specific tasks for administering Oracle Fusion Applications. It also provides information on where to get more details for each task.

Table 2   Detailed Roadmap Tasks for Administration

Task	Description	Documentation
Task 1: Start environment	In the course of normal IT operations, it is common to shut down computers and start them back up. Because components within Oracle Fusion Applications are dependent on one another, it is important to start and stop components in the proper order. For example, when stopping the entire environment, you stop Oracle HTTP Server to discontinue incoming requests before stopping other components.	The following topics in the *Oracle Fusion Applications Administrator's Guide*: ■ "Starting and Stopping the Entire Oracle Fusion Applications Environment in Sequence" ■ "Starting and Stopping the Oracle Fusion Applications Middle Tier Using the fastartstop Utility" ■ "Starting and Stopping a Product Family Oracle WebLogic Server Domain for a Patch" ■ "Starting and Stopping an Oracle WebLogic Server Cluster for a Configuration Change" ■ "Starting and Stopping Specific Applications"
Task 2: Configure ports	The Oracle Database and Oracle Fusion Middleware components and services use ports. Most port numbers are assigned during installation. As an administrator, it is important to know the port numbers used by these services, and to ensure that the same port number is not used by two services on your host.	"Viewing and Changing Ports" in the *Oracle Fusion Applications Administrator's Guide*
Task 3: Configure passwords	Change the passwords for the various accounts to secure the administrative environment.	"Changing Passwords" section in the *Oracle Fusion Applications Administrator's Guide*
Task 4: Manage the Oracle Database	Manage the Oracle Database by reviewing the initialization parameters, database storage structure, memory allocation, unlock, and reset passwords for predefined database users.	"Managing the Oracle Database" section in the *Oracle Fusion Applications Administrator's Guide*

Table 2   (Cont.) Detailed Roadmap Tasks for Administration

Task	Description	Documentation
Task 5: Configure security	Configure security features available to all applications that run on Oracle Fusion Middleware, including: - Configuring identity provisioning in LDAP stores - Securing communication to and from your application through SSL. - Managing security credentials and their containers (keystores and wallets) for your application.	The following topics in the *Oracle Fusion Applications Administrator's Guide*: - "Configuring the Enterprise Identity Store" - "Configuring SSL for the Data Tier and the Middle Tier" - "Managing Wallets, Keystores, Credentials and Certificates" "Security Tasks and Oracle Fusion Applications: How They Fit Together" section in the *Oracle Fusion Applications Security Guide* for comprehensive coverage of security administration
Task 6: Monitor your environment	Monitor the health of the Oracle Fusion Applications environment and ensure that it performs optimally.	The following chapters in the *Oracle Fusion Applications Administrator's Guide*: - "Monitoring Oracle Fusion Applications" - "Monitoring and Tuning the Fusion Applications Middle Tier" - "Monitoring and Tuning the Fusion Applications Database" - "Diagnosing the Oracle Fusion Applications Middle Tier Performance"
Task 7: Manage log files and diagnostics information	configure log settings and use log files to track normal operations of your Oracle Fusion applications. Log files can also be used for troubleshooting. The amount of information that Oracle Fusion Applications record in log files depends partly on how you configure your system and partly on how Oracle constructed each application. This chapter also discusses how you can use and organize diagnostic tests to help you verify that your Oracle Fusion applications are operating correctly.	"Managing Oracle Fusion Applications Log Files and Diagnostic Tests" chapter in the *Oracle Fusion Applications Administrator's Guide*

Table 2   (Cont.) Detailed Roadmap Tasks for Administration

Task	Description	Documentation
Task 8: Backup your environment	Back up your entire Oracle Fusion Applications environment at once, then periodically. If a loss occurs, you can restore your environment to a consistent state.	"Backing Up and Recovering Oracle Fusion Applications" chapter in the *Oracle Fusion Applications Installation Guide*
Task 9: Configure load balancing	Configure load balancing between different components or applications.	"Configuring High Availability and Scaling Out Oracle Fusion Applications" chapter in the *Oracle Fusion Applications Installation Guide*
Task 10: Resolve issues	Troubleshoot common issues for the Oracle Fusion Applications runtime environment.	*Oracle Fusion Applications Administrator's Troubleshooting Guide* *Oracle Fusion Middleware Error Messages Reference*

3 Documentation Accessibility

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