

**Oracle® Communications Session Delivery
Manager**

Maintenance Release Guide
Release 7.4

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About This Guide

The Session Delivery Manager 7.4 Maintenance Release Guide provides configuration support for Session Delivery Manager Release Version 7.4M1 and above.

Related Session Delivery Manager Documentation

The following table lists related documents for the Session Delivery Manager

Document Name	Document Description
Release Notes	Contains information about the administration and software configuration of the Session Delivery Manager feature support new to this release.
Installation Guide	Contains graphical and next mode installation information.
High Availability Guide	Describes Session Delivery Manager High Availability (HA) and the HA cluster, which is a network of tightly-linked servers. HA provides continuous management of the SDM system.
Web Services SOAP XML Provisioning API Guide	Provides a full description of the individual interface definitions that make up the Application Programming Interface (API).
REST API Guide	The OC SDM REST API consists of resources, representations, URIs and HTTP request types that make up the uniform interface used for client/server data transfers.
Core Functionality Guide	Contains an overview of the Session Delivery Manager graphical user interface (GUI), detailed information about managing devices in Net-Net Central, and Net-Net Central licenses.
Session Element Manager Guide	Contains detailed information pertaining to the Session Element Manager application and describes the dashboard summary view, audit log, fault, and performance views.
Session Route Manager Guide	Contains detailed information about centrally automating the management and distribution of routing data.
Quick Start Guide	Contains a brief description of the GUI, along with information on how to add a device and perform basic configuration tasks.
Administration Guide	Contains information about security administration, which lets you create new users and new user groups, and set group-based authorization.
Application Orchestrator User Guide	Contains detailed information of the use Application Orchestrator to set up and deploy virtual appliances.
Report Manager Installation Guide	Contains instructions for installing Report Manager's dependencies and registering BI Publisher.

About This Guide

Document Name	Document Description
Report Manager User Guide	Contains information about configuring collection groups and creating reports.

Revision History

Date	Description
July 2014	<ul style="list-style-type: none">Initial release
November 2014	<ul style="list-style-type: none">Adds chapter for Session Delivery Manager release 7.4M2
February 2015	<ul style="list-style-type: none">Adds chapter for Session Delivery Manager release 7.4M3

7.4M1 Overview

This chapter provides descriptions, explanations, and configuration information for the contents of Session Delivery Manager Release 7.4M1.

Content Map for 7.4M1

This table provides a listing of all new content in Session Delivery Manager Release 7.4M1:

Content Type	Description
Session Delivery Manager Feature	Application Orchestrator

Application Orchestrator Overview

The Oracle Communications Application Orchestrator (AO) manages the virtual network function (VNF) life-cycle and provides a central location for integrating and managing multiple virtualization infrastructure management (VIM) systems.

For information on using Application Orchestrator, see the *Application Orchestrator Release 7.4M1 User Guide*.

7.4M2 Overview

This chapter provides descriptions, explanations, and configuration information for the contents of Session Delivery Manager Release 7.4M2.

Content Map for 7.4M2

This table provides a listing of all new content in Session Delivery Manager Release 7.4M2:

Content Type	Description
Session Delivery Manager Feature	REST API v0.0
Session Delivery Manager Feature	SOAP Northbound Alarm Sync API

OCSDM REST API

The OCSDM Rest API provides a standard HTTP method of configuring and operating applications within SDM. The current release is limited to Application Orchestrator functionality.

For information on using the REST API, see the *REST API Release 7.4M2 User Guide*

SOAP Northbound Alarm Sync API

The Northbound Alarm sync forwards traps stored in the OCSDM system to a Network Management System.

For information on using the Northbound Alarm Sync API, see the *Web Services Release 7.4 User Guide*.

7.4M3 Overview

This chapter provides descriptions, explanations, and configuration information for the contents of Session Delivery Manager Release 7.4M3.

Content Map for 7.4M3

This table provides a listing of all new content in Session Delivery Manager Release 7.4M3:

Content Type	Description
Session Delivery Manager Feature	Disable SSL v3 for OCSDM Products

Disable SSL v3 for OCSDM Products

In response to the POODLE vulnerability of SSL v3, Oracle Communications recommends that all OCSDM devices use TLS when enabling HTTPS connections.

The following steps are required for Oracle Communications Session Delivery Manager products.

1. Run setup.sh and configure TLS using the HTTPS option. See the *Oracle Communications Session Delivery Manager 7.4 Guide* for more information.
2. Test server connection without SSL v3.

Report Manager

The following list contains requirements for using TLS with Report Manager.

- BI Publisher must be configured for HTTPS.
- Registration of BI Publisher from SDM must be over HTTPS.

Application Orchestrator

The following steps are required in order to set up HTTPS with Application Orchestrator.

1. Export and save the certificate from vCloud Manager.
2. Add the certificate to the Application Orchestrator setup, using custom option #10 SBI TLS configuration.
3. Navigate to **Administration > Cloudin Application Orchestrator**.
4. Click **Manage > Add**.

7.4M3 Overview

5. Enter details for the vCloud Manager. The connection is successful when options appear for a Template data center.
6. Click Test Connectivity to ensure everything is configured properly.