

Oracle® Communications Service Controller

Release Notes

Release 6.2

F18713-02

April 2020

This document provides release notes for Oracle Communications Service Controller.

New Features Overview

This section describes new features and enhancements in this release of Service Controller. Namely:

- Service Controller is updated to run on Linux 7, with JDK 1.8 and Oracle Coherence 12.2.1.3.0.
- The Scripting Engine was enhanced
- New Centralized Logging Server
- New Keep-Alive Session Timer
- New Sigtran Detail Monitoring
- New SS7 GT Routing to Multiple PCs
- High Availability for Sigtran SSU was enhanced
- Extended support for IM-PSX ETSI Plugin and New MAP operations

The following functionality was removed:

- Support for SS7 on TDM
- Radius, ECE, and PCP protocol adapters
- Support for OCMC and OCPC
- Support for Oracle DB and BDB
- SVC and SVN applications
- Orchestration Studio
- Diameter support has been reduced to the Diameter protocol adapter and IMs R-IM-OCF and IM-OCF

Fixes in This Release

This section lists the known problems that have been fixed in this release of Service Controller.

- Service Request # P-28484956, P-28624951, and BugDB # 28858873, 28858881:
InitialDP and x-wcs-service-key attribute added to the IM-SSF-CAP3 node so that SIP INVITE includes complete headers.

- BugDB # 24695585
You can now monitor Coherence cache usage based on cache size and by number of entries in the cache.
- BugDB # 26502097
Degraded mode has been modified so that it works with the imocf module.
- BugDB # 25962512
Authentication issues fixed to avoid 403 errors and multiple login prompts.
- BugDB # 25981414
The web admin console (Axia) allows you to disable SSL if you wish.
- BugDB # 28047643
Refreshing the browser where the Admin Console is open no longer returns a blank screen.
- Service Request # P-17376286, and BugDB # 17429462
An unexpected NoEventHandlerException error is no longer thrown on TDM networks in the PN domain.

Known Issues

This section describes known software problems and workarounds, if any.

SIP URLs Cannot be Used if DNS Resolution is not Set Up in the Network

SIP URLs cannot be used if DNS resolution is not set up in the network.

Ideally, you use SIP URLs to configure the addresses of SIP network entities. However, in a network where DNS Resolution is not enabled, SIP URLs cannot be resolved into IP addresses.

If your network does not provide DNS resolution, then you must use only IPs to specify the addresses of SIP network entities.

Proxy SIP Application Servers are not Supported

Service Controller orchestrates SIP services provided by SIP application servers acting as either Back-to-Back User Agent (B2BUA) or Redirection Server (RDS). It does not support SIP Application Servers that act as proxy servers.

To work around this problem, always implement your SIP application as either B2BUA or RDS.

Authentication Credentials not Supported for the Web Services SSU

BugDB number: 13244144

The Web Services SSU does not support adding authentication credentials to outgoing messages. As a result, Balance Manager features that invoke the Balance Manager SOAP API do not work if you enable client authentication requirements for the API.

M3UA Parameter not Documented

BugDB number: 13117202

The configuration parameter that enables M3UA routes to share traffic when set up in ANSI mode is not documented.

The configuration parameter is available only through MBeans; use the **SlsRange** attribute of the **SsuSigtran** MBean to specify the maximum number of SLSs sharing traffic load. Possible values are 32 or 256.

New Button Disabled in the IM Management Tab

BugDB number: 14745009

In the Administration Console, in the **IM Management** tab, in some rare scenarios the buttons may appear in a different order, and some may appear disabled when they should be enabled.

To work around this, select again the **IM Management** node in the navigation tree.

Wrong Description of SsuRemotePointCodeRuntimeMBean and SsuLocalPointCodeRuntimeMBean in the JavaDoc

BugDB number: 16134371

The possible return values of `SsuRemotePointCodeRuntimeMBean` and `SsuLocalPointCodeRuntimeMBean` are wrongly described in *Service Controller Configuration and Runtime MBean Java API Reference*.

The correct return values of `SsuRemotePointCodeRuntimeMBean` are:

- 0 - Inactive
- 1 - Active

The correct return values of `SsuLocalPointCodeRuntimeMBean` are:

- 0 - Inactive
- 1 - Active

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