Oracle® Communications Services Gatekeeper

Release Notes

Release 7.0

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Oracle Communications Services Gatekeeper Release Notes, Release 7.0

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Contents

Preface v

Audience v

Documentation Accessibility v

1 Services Gatekeeper 7.0 New Features

Preface

This book includes information about this release of Oracle Communications Services Gatekeeper.

Audience

This book is intended for all Services Gatekeeper users.

Documentation Accessibility

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1

Services Gatekeeper 7.0 New Features

This document lists the new features for release 7.0 of Oracle Communications Services Gatekeeper.

Upgrade and Rollback from 6.1 to 7.0

Oracle Communications Services Gatekeeper (OCSG), version 7.0, provides procedures to upgrade from version 6.1 to 7.0 and to roll back from 7.0 to version 6.1, if necessary. See "Upgrade and Rollback for 6.1 to 7.0" in *Oracle Communications Services Gatekeeper Multi-tier Installation Guide*.

Installer Version Information

Two JAR files, **ocsg_version.jar** and **ocsg_patch_version.jar** are included in the directory **`${OCSG_INSTALL_DIR}`/ocsg/server/lib/wlng** to record the current Services Gatekeeper installer and patch version information. See "Installer Version Information" in *Oracle Communications Services Gatekeeper Multi-tier Installation Guide*.

Adding Communication Service Applications

You can add communication service applications to an existing OCSG domain. The feature applies to a single-tier configuration only. See "Adding Communication Service Applications" in *Oracle Communications Services Gatekeeper System Administrator's Guide*.

Event Data Record (EDR) Enhancements

For details on the enhancements to Services Gatekeeper EDRs, see "Managing and Configuring EDRs, CDRs, and Alarms" in *Oracle Communications Services Gatekeeper System Administrator's Guide*.

Services Gatekeeper Storage Layer Enhancements

You can now specify additional optional attributes for column value definition within the XML configuration file's declarative definition, primarily **wlng-cachestore-config-extensions.xml** files. See "Specifying Attributes for Column Value Definitions" in *Oracle Communications Services Gatekeeper System Administrator's Guide*.

DAF Callout Callbacks

For asynchronous `send()` calls, two actions are generated for each ServiceCallOut, allowing the response to be accessed other than in the subsequent action. See "DAF Callout Callback" in *Oracle Communications Services Gatekeeper API Management Guide*.

DAF Two-Way SSL Support

OCSG supports two-way SSL communication with backend (southbound) service. When it creates an asynchronous or synchronous client for the backend service, OCSG invokes the `loadKeyMaterial()` method in the SSLContextBuilder to support client SSL and re-uses the managed server's key stores and SSL configuration. See "Configuring DAF Two-Way SSL Support" in *Oracle Communications Services Gatekeeper System Administrator's Guide*.

DAF Support of HTTP Methods

Services Gatekeeper provides new HTTP methods that support DAF. See "DAF Support of HTTP Methods" in *Oracle Communications Services Gatekeeper API Management Guide*.

Accessing Traditional Communication Services from DAF

Services Gatekeeper now supports access to traditional communication services from DAF. See "Accessing a Traditional Communication Service from DAF" in *Oracle Communications Services Gatekeeper System Administrator's Guide*.

Flexible Timeout Control

Services Gatekeeper has improved control of timeouts. See "Managing Timeouts" in *Oracle Communications Services Gatekeeper System Administrator's Guide*.

Overload Protection

Services Gatekeeper now incorporates a framework that protects against overload by rejecting incoming requests. See "Overload Protection" in *Oracle Communications Services Gatekeeper System Administrator's Guide*.

Support for External Service Level Agreements (SLAs)

An *external service level agreement* (SLA) is equivalent to a plan in API Cloud Service. In Oracle Communications Services Gatekeeper, it is a new data entity that is referred to from group SLAs. See "Managing External SLAs" in *Oracle Communications Services Gatekeeper Accounts and SLAs Guide*.

Log4j Upgrades

Services Gatekeeper has upgraded Log4j support. See "Using Log4j" in *Oracle Communications Services Gatekeeper System Administrator's Guide*.

HTTP Header Filtering

Services Gatekeeper now supports HTTP header filtering. See "HTTP Header Filter" in *Oracle Communications Services Gatekeeper API Management Guide*.

Map Deny Codes to HTTP Responses

You can now map Services Gatekeeper deny codes to HTTP responses. See "Mapping of Deny Codes to HTTP Responses" in *Oracle Communications Services Gatekeeper Accounts and SLAs Guide*.

General DAF Enhancements

Services Gatekeeper has significantly enhanced DAF functionality. See "Common Actions Programming Tasks" in *Oracle Communications Services Gatekeeper API Management Guide*.

Threat Protection OAM Interfaces

Services Gatekeeper now provides OAM interfaces for threat protection. See "Using Threat Protection OAM Interfaces" in *Oracle Communications Services Gatekeeper Security Guide*.

Chunking Configuration for Backend Services

You can now control the `chunked` setting for southbound callout in Transfer-Encoding, regardless of the incoming request, either globally or at the request or API level. See "Configuring Chunking for Back-end Services" in *Oracle Communications Services Gatekeeper API Management Guide*.

Create Custom HTTP Processors

You can now create custom HTTP processors for Services Gatekeeper. See "Creating Custom HTTP Processors" in *Oracle Communications Services Gatekeeper API Management Guide*.

Note: As of version 7.0, Services Gatekeeper no longer includes SIP libraries. If you require access to the SIP libraries, you should remain on version 6.1.

As a result, the following Parlay X 2.1 and RESTful communication services have been removed:

- Audio Call
- Call Notification
- Presence
- Third Party Call
- Terminal Status