

Oracle® Communications Application Session Controller

Release Notes

Release 3.9.0

Revision 2

April 2021

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NNOS-E

Release Notes, Version 3.9.0

This notice describes the current release of the Oracle OS-E® software. Systems running the OS-E software provide we-based application integration with IP communications as well as application level security, control, monitoring, and interoperability services for SIP-based Unified Communications.

Note: For existing customers who are upgrading from a prior release, the Covergence software components have been renamed under Oracle, Inc., as follows:

- Covergence—Now **Oracle**
- Session Manager—Now **Oracle Communications OS-E (OS-E)**
- CMS Web—Now **OS-E Management System**
- CXC-354—Now **OS-E**
- CXC-554—Now **OS-E**
- CVA—Now **Net-Net OS-E Virtual Machine (OS-E VM)**
- CLI prompt—Now **NNOS-E** (default)

You should review this notice for details about Release 3.9.0, information about operational considerations and known issues from prior releases, and for instructions on installing and upgrading to this release.

Technical Documentation

The Net-Net OS-E references in this documentation apply to the Net-Net OS-E operating system software that is used for Oracle Communications Application Session Controller (ASC).

Unless otherwise stated, references to Net-Net OS-E in this document apply to all of the Oracle and third-party vendor products that use Net-Net OS-E software.

Oracle provides the following documentation set in PDF format, viewable using Adobe Reader 5.0 or later. These PDF files are available when you download OS-E software from Oracle, from your customer Web portal, as well as from docs.acmepacket.com.

- *Oracle Communications Application Session Controller System and Installation and Commissioning Guide*
- *Oracle Communications Application Session Controller Management Tools*
- *Oracle Communications Application Session Controller System Administration Guide*
- *Oracle Communications Application Session Controller Session Services Configuration Guide*
- *Oracle Communications Application Session Controller Objects and Properties Reference*
- *Oracle Communications Application Session Controller System Operations and Troubleshooting*
- *Oracle Communications Application Session Controller Release Notes*
- *Oracle Communications Application Session Controller Web Services SOAP REST API*

Note: Oracle provides updates to the manuals on a regular basis. Go to your Oracle Web portal for the latest files in PDF format.

Release Note Revision History

This section contains a revision history for this document.

Date	Revision Number	Description
September, 2019	Revision 1	<ul style="list-style-type: none"> Added the resolved bugs list for patch release 3.8.0.0.1.
June, 2020	Revision 1	<ul style="list-style-type: none"> Added the resolved bugs list for patch release 3.9.0.

OS-E Virtual Machine

The OS-E software, available as a VMware® or KVM, runs on x86-based servers.

For complete information on downloading and running the VM on compatible x86-based servers, refer to the Oracle Communications OS-E Installation and Commissioning Guide.

Software Download and Commissioning Process

The software download mechanism allows new and existing customers to acquire OS-E software directly from Oracle. Using secure URLs that can be accessed over the internet, Oracle provides all necessary software downloads for USB creation, product licensing, and commissioning of your selected hardware.

As part of each download, and depending on your actual requirements, Oracle provides the following:

- Oracle Boot Media Creator and the OS-E Release 3.9.0 software.
- Feature licenses.
- Documentation on how to create a OS-E USB stick for commissioning the software on your selected hardware.
- Standard set of OS-E technical publications.

If not included in the shipment, you will need to provide a USB stick not less than 2GB storage to handle OS-E software downloads. Oracle has tested a variety of USB sticks available from current suppliers and manufacturers. Most USB sticks manufactured today will work.

For complete information on accessing the Oracle download server, creating an installation USB, and commissioning a OS-E device, refer to the Oracle Communications OS-E Installation and Commissioning Guide.

OS-E System Files Available for Download

The OS-E system files available for individual download are as follows:

- Oracle Communications Application Session Controller 3.9.0 Installation ISO image
- Oracle Communications Application Session Controller 3.9.0 License Document

Note: This list applies to 3.9.0 release except for 3.7.0M4. For an accurate list of 3.7.0M4 OS-E system files available for individual download, see the *Oracle Communication Application Session Controller 3.7.0 Maintenance Release Guide*.

Installing and Upgrading Release 3.9.0

For release 3.9.0, as 3.8.0, 3.7.1 and 3.7.0M4, the OS-E runs on Oracle Linux and uses yum to install and update RPM files. In the releases prior to 3.7.0M4, the OS-E install package came with its own custom kernel.

Refer *Oracle Communications Application Session Controller System Installation and Commissioning Guide Release 3.9.0* for installation instructions.

Supported Upgrade Paths for Release 3.9.0

The direct upgrade path is supported from 3.8.0 to 3.9.0.

To upgrade to 3.9.0 from a release prior to 3.8.0, you must first upgrade to the latest available patch of 3.8.0.

Release 3.9.0

This section lists the resolved and known bugs for this release.

Resolved Bug List

The following table summarizes the critical resolved bugs in this release:

Bug#	Severity	Title
30663297	2	New installation ASC 3.8.0 build 72534 network management interface stops working
31137451	2	SNMP Community field not available on ASC 3.8.0m0p1 via GUI
30362570	3	Database will not connect
30765124	4	ASC 390m0: Upgrade JQuery 3.3.1 to 3.4.1
30774225	4	ASC 390m0: Upgrade Lucene 8.0.0 to 8.2.0
31021409	4	Update java snmp from v1 to v1.4.2
31022566	4	Upgrade Commons FileUpload, Commons Codec, Commons Pool
31107990	4	Update dnsjava from v1.6.3 to v2.1.9
31120467	4	Upgrade Jetty from 9.4.15.v20190215 to 9.4.21.v20190926
31121296	4	Upgrade Mina SSHD from v2.0.0 to v2.3.0
31140523	4	Upgrade java from 8 to 11
31141030	4	Upgrade Taglibs from v1.1.2 to v1.2.5
31141046	4	upgrade GSON from v2.8.5 to v2.8.6
31141063	4	upgrade jaxen from v1.1-beta-5 to v1.2.0

Bug#	Severity	Title
31141081	4	upgrade JSON-java from v20180813 to v20190722
31141133	4	upgrade cglib from v2.1.3 to v3.3.0
31198029	4	Update codec silk to V1.0.9
31227975	4	Update log4j to log4j2 for lcrimport
31230761	4	Update commons-httpclient 3.0 to httpclient 4.5.10
31230785	4	Upgrade pdfbox from v2.0.15 to v2.0.17
31352696	4	JQUERY UPDATE TO 3.5.0 OR LATER (upgrade jQuery to 3.5.1)

Patch Release 3.9.0.0.4

This section lists the resolved bugs for this patch release.

Resolved Bug List

The following table summarizes the critical resolved bugs in this release:

Bug#	Severity	Title
32447206	2	How Turn off TLS 1.0 and 1.1 access on the ASC (Application Session Controller) management intf

