

# **OCSS7 Compatibility Guide**

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**metaswitch**

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# 1 OCSS7 Compatibility Guide

This document lists the software products and platforms that are compatible with the SGC from OCSS7 version 1.1.0.

The SGC may work with other versions of the listed products, but OpenCloud will not support such deployments without an extended support agreement.



The [SGC TCAP Stack](#) shipped as part of CGIN shares the same software compatibility information as CGIN, which may be found in the [CGIN Compatibility Guide](#).

## 1.1 Hardware

The general hardware requirements below are for an OCSS7 SGC production system, used for **live deployment**.

Hardware	Minimum	Recommended
Type of machine	Current commodity hardware and CPUs	
Number of machines (one cluster node per machine)	1	2 or more
Number of CPU cores per machine	2	2 - 16
RAM requirements per machine	1 GB	2+ GB
Network interface	Switched ethernet	
Network interface requirements per machine	2 interfaces at 100Mb	2 or more interfaces at 1Gb

## 1.2 Platforms

The SGC is supported on the following operating systems:

Operating System	Vendor	Supported Versions	Note
Red Hat Enterprise Linux	Red Hat	6.3 7.2	Equivalent versions of CentOS are also supported

The operating system's provided `lksctp-tools` package and its dependencies must be installed prior to installation of OCSS7.

## 1.3 Java Virtual Machine

The SGC is compatible with

- **Oracle Java 1.8 64-bit Update 60** and higher.
- **Oracle Java 1.7 64-bit Update 55** .



A regression introduced in Java 7 Update 60 affects SCTP on Linux. This has been fixed in Java 8 Update 60. As a result, OCSS7 is not certified for Java releases between these versions.

For Oracle Java documentation and downloads, see the [Oracle Java](#) website.

## 1.4 CGIN Connectivity Pack

Compatible with **CGIN 1.5.3** .

**CGIN 1.5.3** contains the **SGC TCAP Stack** from this version of OCSS7, and this version of the manual should be consulted when configuring **CGIN 1.5.3** .

## 1.5 SIS

Compatible with **SIS 2.5.3** .

## 1.6 IN Scenario Pack

Compatible with **IN Scenario Pack 1.5.3** .