



About Cisco Software Manager Server

This chapter provides an overview of the Cisco Software Manager server. This chapter also lists the restrictions to its installation.

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Introduction

Cisco Software Manager (CSM) server is a web-based automation tool. It helps you manage and simultaneously schedule software maintenance upgrades (SMUs) and service packs (SPs) across multiple routers. It provides recommendations that reduce effort in manually searching, identifying, and analysing SMUs and SPs that are required for a device. An SMU is a fix for a bug. An SP is a collection of SMUs bundled in one file.

To provide the recommendations, you must connect the CSM server must through the Internet to the cisco.com domain. CSM is designed to connect multiple devices and provides SMUs and SP's management for multiple Cisco IOS XR platforms and releases.

The platforms that are supported on CSM are:

- IOS XR (ASR 9000, CRS)
- IOS XR 64 bit (ASR 9000-X64, NCS 1000, NCS 4000, NCS 5000, NCS 5500, NCS 6000)
- IOS XE (ASR902, ASR903, ASR904, ASR907, ASR920)
- IOS (ASR901)

From version 4.0 onwards, there are multiple Docker containers that constitute the CSM architecture. These containers are:

- CSM
- Database
- Supervisor

Installing CSM server through Docker is easy. You can upgrade to the latest CSM server version with the click of an upgrade button on the CSM server home page.

Restrictions

The following restrictions are applicable with respect to the installation of the CSM server:

- This installation guide is not applicable to any CSM server versions before version 4.0.
- The CSM server should be able to connect to Cisco.com to get notified about the latest updates available.