



# Cisco Services Platform Collector 2.7.2

Release Notes

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# 1. Introduction to CSPC

This document provides information about what's new in the Common Services Platform Collector (CSPC) 2.7.2. The new features and functionality benefit existing customers as well as new users who are just starting to install a new CSPC.

The CSPC software provides an extensive collection mechanism to collect various aspects of customer network information. CSPC connects to the discovered devices providing delivery of network information to network administrators and network engineers. Data collected by CSPC is used by several Cisco Advanced and Technical Service offers to provide detailed reports and analytics for both the hardware and software, such as inventory reports, product alerts, configuration best practices, network audits and so on.

## CSPC Supported Browsers

- Firefox version 27 to 49
- Internet Explorer (IE) version 9 to 11

# 2. What is New

- CSPC now interprets IP address, Hostname and Domain Name entries in the seedfile to perform hostname resolution by eliminating the need for local DNS lookup. In addition, auto discovery has been made optional in "Seedfile Management" so that users can schedule it as per their convenience.
- This release supports Cisco Unified Communications Manager (CUCM) and Unity Collection for collaboration assessments. Additional collaboration applications will be supported in the subsequent releases.
- "Show devices" CLI has been enhanced to allow users to search based on the hostnames
- Customizations in the settings of CSPC such as discovery, inventory, application or connectivity settings are retained when the collector is upgraded to the next version.
- New specific Device Access Verification (DAV) error messages in CSPC helps in better analysis for the DAV failed devices and further troubleshooting.
- If the collection fails for the device, then the TimeInventoryUptime and TimeConfigUpdated fields will be empty for those devices in the ElementInventoryInfo file instead of keeping the old time stamps.
- After upgrade to new available version, you can view the changes made to custom Data Sets, Platform Rules, Integrity Rules, Collection Profile, Masking Rules, and Custom DSIRT Rules.
- Health uploads are limited to the latest 10K lines. This avoids the health uploads growing too large and impacting available disk space.
- Option added in the Network Optimization Service (NOS) configurer installation to schedule health, DAV, and inventory jobs immediately or later.
- Seedfile management and interpretation changes for smarter and reliable discovery.
- Custom regex patterns are added in the settings for the syslogs and also creates the separate syslog files for parsed and unparsed syslogs.
- Inventory summary reports include config not applicable device count along with config collected and config failed device count.

- Syslog upload is based on the standard calendar specifying the date and time range not the CSPC received timestamp.
- All logging messages indicate the module name with the currently logged message contents. Also separate log files are provided for installation logs and console logs.
- Flexibility to select the list of the protocol and set the order to try the protocols for DAV. Try all options is provided to try all of the selected protocols for DAV.
- REST API supports pushing the seed file from a customer system to CSPC.
- Multi Service Collection Profile clubs one or more Collection Profiles from different services and internally consolidates the datasets for collection.
- Option to delete the appliance certificate from collector as required.
- Support for Prime Infrastructure 3.1 with RI Addon Pull model for seed file sync.
- Improved version of Upgrade Tab on CSPC UI with changes, such as New icon, auto status refresh, and displays all the installed updates

### 3. Virtual Platform Requirements

This section provides information about the virtual platform requirements, but does not provide directions on how to install the different virtual platforms. See the next section which describes the available [Upgrade Scenarios](#).

These are the minimum system requirements for the CSPC image that runs on a ESXi 5.x or higher virtual platform:

	CSPC configuration - OVA		
	Small Up to 10,000 devices	Medium 10,000 to 20,00 devices	Large 20,000 to 40,000 devices
Physical Core count	2	4	6
Core to vcore ratio	2	2	2
vCore count	4	8	12
RAM	4 GB	8 GB	16 GB
HDD(GB)	250	500	1000
NW Inventory Size <sup>2</sup> (NW element)	<=10k	<=20k	<=40k
NW Audit (NOS) Size <sup>2</sup> (NW element)	Yes,250	Yes, <=1000	<=2000
NOS (NP and audit)	Yes	Yes	Yes

<b>SNTC</b>	Yes	Yes	Yes
<b>NOS+SNTC</b>	Yes	Yes	Yes
<b>NCCM<sup>3</sup></b>	No	Yes	Yes
<b>NOS+NCCM<sup>3</sup></b>	No	No	Yes
<b>NOS+SNTC+NCCM<sup>3</sup></b>	No	No	Yes

## 4. Upgrade Scenarios

Following are the recommended options for collector upgrades. Refer to the below sections or [Upgrade Guide](#) for details on performing the upgrade.

**To upgrade a collector from versions less than CSPC 2.3.8, perform the following:**

1. Install as a new collector with either version 2.7 OVA or ISO. Refer to [Download Center](#) 2.7 available images.
2. Use the Software Updates tab in the CSPC UI to update the software to 2.7.2.

**To upgrade a collector from version 2.3.8, 2.4.x, or 2.5.x perform the following:**

1. Upgrade directly to CSPC version 2.7 using admin shell CLI.
2. Use the Software Updates tab in the CSPC UI to update the software to 2.7.2

**To upgrade a collector from 2.6.x, perform the following:**

**To upgrade a collector from 2.6, 2.6.1, 2.6.2 and 2.6.4, perform the following:**

Upgrade directly to CSPC version 2.7.2 using admin shell CLI.

**To upgrade a collector from 2.6.3, perform the following:**

1. Download the update file (jeos-20.1.2-0-lnx64.zip) from the software download center and install it on the collector (to enable the software update tab)
2. Use the Software Updates tab in the CSPC UI to update the software to 2.7.2

**To upgrade a collector version from CSPC 2.7.x**

1. Use the Software Updates tab in the CSPC UI to update the software to 2.7.2. Refer to [Upgrade Guide](#)**Error! Reference source not found.**

## 5. Resolved Defects

Below are customer impacting facing defects addressed in 2.7.2 release:

Bug ID	Description	Fixed
CSCuy79296	Issue in typing "3" character on AdminShell Commands	2.7.2
CSCvb03809	Job Upload Status is displaying incorrect success message on failed uploads	2.7.2
CSCvb77184	System is sending old records in CollectionErrors	2.7.2
CSCvb86639	Collection Profile based VSEM conversion has conversion time in ElementInventoryInfo.download	2.7.2
CSCvb93504	CASP patches cannot be installed on existing CSPC with older adminshell	2.7.2
CSCvd10471	Not all devices in PI are being extracted to CSPC devices are getting extracted partially	2.7.2
CSCvd44549	LMS password with special characters not accepting on RI-Addon	2.7.2
CSCvd82321	Time is always displayed in UTC timezone even when server timezone is correct.	2.7.2
CSCvd93403	Audit Response file not getting generated.	2.7.2
CSCve02935	Root login should not have Lockout Enforced in Pam_Tally2	2.7.2
CSCve19094	DAV results incorrect( false negatives and incorrect negative )	2.7.2
CSCve39388	Results in DAV report is misleading for audit collection.	2.7.2
CSCve41070	Config Data not downloading	2.7.2
CSCve80418	DAV is failing while going through jump server to collect the configurations	2.7.2
CSCve89060	Nexus 9k devices with SysObjID "1.3.6.1.4.1.9.12.3.1.3.1626" not getting selected via CSPC UI	2.7.2
CSCvf02260	job_schedule_discovery_runnow.sh CLI has a issue with enableloopback flag	2.7.2
CSCvf48042	CSPC UI software updates error	2.7.2
CSCvf49086	SNMP V3 collection took long time for collection	2.7.2
CSCvf52993	Adminshell connection refused if no network connection is available	2.7.2

## 6. Known Issues

Below are the know issues and work around in CSPC 2.7.2

Bug ID	Description
CSCvc49466	<b>Problem:</b> Unable to schedule the audit from CSPC UI due to the time sync issue. <b>Workaround:</b> Sync the time manually
CSCvd36933	<b>Problem:</b> SNTC OVA Images prompt twice to reset admin password on first login (Ref - CSCuu73657) <b>Workaround:</b> None
CSCve03091	<b>Problem:</b> Conf Proxy Command Show not require restart <b>Workaround:</b> None
CSCve06613	<b>Problem:</b> Smart sleep functionality during CSPC installation <b>Workaround:</b> None
CSCve56315	<b>Problem:</b> Issues when creating Dynamic group based on IP in 2.7 <b>Workaround:</b> Use this command <code>add_devicegroup.sh</code> in CLI
CSCve71097	<b>Problem:</b> CNA skips devices with hostname and primarydevicename different for devices chosen in CSPC <b>Workaround:</b> None
CSCve89284	<b>Problem:</b> "Advanced Option" in DAV Module throws error from CSPC GUI <b>Workaround:</b> None
CSCvf15853	<b>Problem:</b> Data extraction fails as soon as starting with HPNA 10.x( Seedfile option not enabled ) <b>Workaround:</b> None
CSCvf49121	<b>Problem:</b> Incomplete SNMP collection for CRS devices with CSPC <b>Workaround:</b> Split the entity_mib datasets
CSCvf50079	<b>Problem:</b> CSPC FTP pfSense version 2.3.2. FTP not longer supported <b>Workaround:</b> None
CSCvf61035	<b>Problem:</b> Increased Global Timeout causing delay in total collection time. <b>Workaround:</b> None
CSCvf63366	<b>Problem:</b> Discovery is a issue for reachable devices . <b>Workaround:</b> Rediscover the unreachable devices
CSCvf68690	<b>Problem:</b> Even after applying the filter, all the device are under Selected Device/Groups <b>Workaround:</b> None
CSCvf72490	<b>Problem:</b> Export syslog shows wrong details <b>Workaround:</b> Duplicate of CSCvf36055
CSCvf73811	<b>Problem:</b> IP range discovery moving unreachable devices to 'Unmanaged' state <b>Workaround:</b> None

## 7. Available Resources

Additional information regarding installing and configuring the collector are covered in below documents:

- [CSPC Quick Start Guide](#)
- [CSPC Upgrade Guide](#)
- [CSPC Installation Guide](#)
- [CSPC User Guide](#)

### Software Download

- [CSPC Image Download Center](#)



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