

Release Notes for Cisco Hosted Collaboration Mediation Fulfillment, Release 12.5(1) SU1

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What's Changed in Cisco HCM-F, Release 12.5(1) SU1

Change Description	Date
Updated the Resolved Bugs section with the COP file information and its respective Cisco HCM-F software versions.	June 08, 2021
Initial version	November 05, 2019

What's New in Cisco HCM-F, Release 12.5(1) SU1

The following are the new features and enhancements:



Note

HCM-F 12.5(1) and higher version do not support Cisco Unified Communications Domain Manager 8.x.

Certificate Management

Certificate Management enables you to upload the trust certificates for the specific certificates. You can upload the root and intermediate CA certificates.

For more information on Certificate Management and its APIs, see:

- [Cisco Hosted Collaboration Mediation Fulfillment Install and Configure Guide](#)
- [Cisco Hosted Collaboration Mediation Fulfillment Developer Guide](#)

Smart Licensing

You can use the Satellite mode to register the product instance in a secured environment.

Cisco Smart Software Manager satellite is similar to CSSM. However, instead of being hosted on <https://www.cisco.com/>, it is available as an on-premise version.

Cisco Smart Software Manager satellite is an on-premise deployment that can handle your licensing needs if HCM-F and Cisco Unified Communications applications cannot connect to CSSM directly, either for security

or availability reasons. When this option is used, HCM-F registers and report license consumption to the satellite, which synchronizes its database regularly with the back-end Cisco Smart Software Manager that is hosted on <https://www.cisco.com/>.

The Cisco Smart Software Manager satellite is used in either Connected or Disconnected mode, depending on whether the satellite can connect directly to CSSM on <https://www.cisco.com/>.

Cisco Smart Software Manager satellite is used to:

- Manage and track licenses of the users.
- Support multiple local accounts (multi-tenant).
- Scale 10,000 product instances

For more information on Smart Licensing and APIs, see *Hosted Collaboration Solutions Smart Licensing Guide*.

Support Multiple Proxy to Connect to CSSM

Each Enterprise customer can have a dedicated web proxy to connect to CSSM. The proxy parameters can be configured at customer and cluster level in HCM-F to connect to CSSM. For more information to set the proxy parameters in customer and cluster level, see [Add Customer](#), and [Add Cluster](#) section in [Cisco Hosted Collaboration Mediation Fulfillment Install and Configure Guide](#).

Operational License

You can use operational license to generate reports in HCM-F for the amount-of-licenses that are ordered by the partner and the amount-of-licenses that are consumed. If you opt for operational license, then you have to create an operational virtual account in CSSM where Cisco stores all the licenses that the partner consumes. Operational license can be opted by both Flex and perpetual license user. If you have opted for operational license, then you can migrate from License Reporting Tool (LRP) to CSSM, where the licenses are stored in the operational virtual account in CSSM.

When you configure a smart account, you can autoregister the clusters if you opt for operational licenses. If you have not opted for operational licenses, you cannot autoregister the clusters to the operational virtual account, and the clusters have to be manually assigned to the virtual account.



Note

You must upgrade HCM-F and the clusters to version 12.5 and later to set up operational licenses in HCM-F.

The following are the two virtual accounts that must be created in CSSM:

Ordered Virtual Account

Displays the name of the virtual account that stores the licenses that the partners order from CCW. We recommend the Ordered Virtual Account name as va-hcs-ordered.

Operational Virtual Account

Displays the name of the virtual account that stores the Cisco licenses to be consumed. We recommend the Operational Virtual Account name as va-hcs-operational. The clusters are registered to this virtual account in CSSM. The operational licenses are stored in operational virtual account (va-hcs-operational).

For more information about operational license, see [Cisco Hosted Collaboration Solution Smart Licensing Guide](#)

Flex Usage Report Enhancement

The Flex Usage Report has been modified to generate the license order information, true forwarding, and compliance status. These fields are valid only for customers who have cluster version 12.x and above. The report also provides perpetual license details.



Note For customers who have cluster version below 12.x, the data for order information, true forwarding, and compliance status is not generated.

Flex Usage Report has been modified to support Smart Licensing and operational license data. **Subscription Mapper** page enables you to map the Subscription IDs to a particular customer and select the license model. You can do the following:

- HCM-F identifies the license ordered details per customer and performs the true forwarding calculation and compliance check.
- You can sort by the End date to identify the subscriptions that are about to expire.
- To update your order, you can click the subscription number and connect to CCW with the Subscription ID.

For more information about the Flex Usage Report, see [Flex Usage Report](#) section in [Cisco Hosted Collaboration Mediation Fulfillment Install and Configure Guide](#).

Upgrade Checks

The following are the enhancements:

- CTI Route point Status: Displays the CTI route point status and the IP address of the third-party application to which the route point is registered.
- Syslog Information: Checks if the Syslog Configuration parameters are configured, and the remote servers are reachable.
- SIP Trunk Information: Checks if the configured SIP Trunks are in service and the destination is reachable.
- VM Configurations: Checks the VM configuration and verifies if the OVA is compatible with the target upgrade version for each of the UC applications.
- CLI commands are added for all pre and post-upgrade checks. You can use the commands if check fails to run.

Known Issues, Release 12.5(1) SU1

The following lists the known issues in Cisco HCM-F 12.5(1) SU1 release:

Bugs	Description
CSCvq80717	SI Report does not include voicemail licenses, if user does not have a phone.

Bugs	Description
CSCvq63727	While generating SI report, an error message is displayed in the email report consistently for a few customers. However, the error message can be ignored and the report is generated successfully and you can see the data for those customers or locations.

Resolved Bugs

The following bugs are resolved in Cisco HCM-F 12.5(1), 12.5(1) SU1, and 12.5(1) SU2 releases:

COP File Name	Bug ID	Description	Cisco HCM-F Software Version
hcs.CSCvv13656-12_5_1_SU1patch.zip	CSCvv13656	In Flex reporting, default device profile was consuming public space license.	12.5(1) SU1
hcs.CSCvv04369-1-1251SU1patch.zip hcs.CSCvv04369-1-1251SU2patch.zip	CSCvv04369	Disk space optimization	12.5(1) SU1 and SU2
hcs.CSCvu47658.cop.7z	CSCvu47658	In Smart Account Sync, the subscription information disappeared from HCM-F	12.5(1) SU1 and SU2
hcs.CSCvu86913-CSCvv43637-12_5_1_SU2.cop.sgn	CSCvu86913 CSCvv43637	Resolves the following issues in the Upgrade Checks – <ul style="list-style-type: none"> • VM Configuration data for Cisco Unity Connection and/or Cisco Emergency Responder • LDAP check for Unified CM 12.5 • VM Configuration check for Unified CM 2500 component having 1 CPU in Cisco HCM-F 12.5.1 SU2 	12.5(1) SU1 and SU2

COP File Name	Bug ID	Description	Cisco HCM-F Software Version
hcs.CSCvu86812-1-1251SU1patch.zip hcs.CSCvu86812-1-1251SU2patch.zip	CSCvu86812	This patch enables the default Virtual Account present in Cisco Smart Software Manager On-Prem account. This must be used during the Cluster Assignment in Cisco HCM-F.	12.5(1) SU1 and SU2
hcs.CSCvx57025_CertMon_fix.cop.sgn	CSCvx57025	The data collection was inconsistent from UC applications for Certificate Monitoring.	12.5(1)
hcs.CSCvx44841_SI_Fix-12_5_1.cop.sgn	CSCvx44841	The Line data was missing in Service Inventory report.	12.5(1)
hcs.CSCvw29497-12_5_1_SU1.cop.sgn	CSCvw29497	The Connectivity Test failed for Unified CM with IM&P cluster.	12.5(1)
hcs.CSCvt05846-1-1251patch.zip	CSCvt05846	The new flag in Cisco Smart Software Manager is not supported.	12.5(1)

Use the [Bug Search Tool](#) for information about these defects. See [Search for Known Bugs](#) for instructions to access the tool.

Search for Known Bugs

To access Bug Search, you need the following items:

- Internet connection
- Web browser
- Cisco.com user ID and password

To use the Bug Search page, follow these steps:



Tip

Click **Help** on the Bug Search page for information about how to search for bugs, create saved searches, create bug groups, and so on.

Procedure

- Step 1** Access the Bug Search page: <https://tools.cisco.com/bugsearch/>.
- Step 2** Log in with your Cisco.com user ID and password.
- Step 3** If you are looking for information about a specific problem, enter the bug ID number in the **Search For:** field, and click **Enter**. For general searches related to HCM-F, follow these steps:
- a) Enter HCM-F in the **Search For:** field.
 - b) Apply 12.5(1)SU1.
 - c) Click **Enter**.
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