

CWM Solutions 2.0.1 Release Notes

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What's new in this release

The table below lists the new features and functionality introduced in Cisco Crosswork Workflow Manager Solutions 2.0.1.

Feature	Description
GISO Support for eXR	The Fleet Upgrade feature requires EMS/EMS-lite to support GISO upgrades for eXR devices as part of the 2.0.1 maintenance release. This feature ensures that Cisco products provide seamless and holistic device management solutions by supporting upgrades for all currently supported eXR devices. The most pressing devices for this feature are: • ASR9k • 540X • 5501 The CWM solution will ensure that device upgrades using GISO images are supported and will validate integration with EMS-lite to enable GISO support for eXR device upgrades. GISOs are highly popular, and earlier versions of Fleet Upgrade already supported this functionality. Restoring this feature has been identified as the highest priority for Fleet Upgrade in this release.

Feature	Description
SVM GEO HA	The CWM SVM OVA supports geo-enablement to provide High Availability (HA) across geographical regions for the SVM support infrastructure. The CWM solution integrates with the CWM SVM OVA to support GEO HA.
SVM GEO Licensing	SVM GEO Licensing is a Cisco licensing model for Broadband Network Gateway environments that enables geographic redundancy of subscriber sessions, enhancing network resilience and high availability. It supports licensing based on subscriber session counts, with distinct product IDs for geo-redundant licenses, and integrates with Cisco Smart Licensing for simplified cloud-based license management and monitoring. This feature ensures subscriber sessions can failover across multiple geographic sites, supporting service continuity and scalability.

Build details

Software listed on this page is available for download at this link.

File name	CW-CWM-Solutions-Advantage-2.0.0-14-SVM-7.1.0-48-ova.signed.bin
Build date	June 6, 2025
Size	11600.29 MB
Status file	cw-na-cwm-7.1.0-48
Infra patch	signed-cw-na-infra-patch-7.1.1-28-release-250922.tar.gz
CMW-S CAPP	signed-cw-na-cwm-sol-patch-2.0.1-10-releasecwms201-250917.tar.gz
CWM CAPP	signed-cw-na-cwm-2.0.1-12-releasecwm-201-250924.tar.gz

Patches for CNC 7.1.1:

- **CWM patch, CWM Solutions patch, NSO:** https://software.cisco.com/download/home/286326174/type/286326550/release/7.1.1
- **EMS Lite patch for CWM 2.0.1**: signed-cw-na-ems-lite-patch-7.1.1-11-release-250917.tar.gz

Applications used for testing

Product	Version
Cisco Crosswork Workflow Manager Solutions (CWMS) CAPP	cw-na-cwm-sol-2.0.1-10-releasecwms201-250917.tar.gz
Cisco Crosswork Workflow Manager CAPP	signed-cw-na-cwm-2.0.1-9-releasecwm-201-250911.tar.gz

Product	Version
Cisco Crosswork Workflow Manager OVA	cw-na-cwm-7.1.0-48-releasecnc710-250606.ova
Cisco Crosswork Network Controller version	7.1.1
Cisco Crosswork NSO	6.4.1.3
Cisco IOS XR **Cisco 8000 Series Routers** **Cisco ASR 9000 Series Aggregation Services Routers** **Cisco XRv 9000 Series Virtual Routers** **Cisco Network Convergence System 540 Series Routers** **Cisco Network Convergence System 5500 Series**	IOS-XR 7.8.2 IOS-XR-7.9.2 IOS-XR-7.10.1 IOS-XR-7.11.1 IOS-XR-24.1.1 IOS-XR-24.2.2 IOS-XR 25.2.1
Cisco IOS XE **Cisco ASR 1000 Series Aggregation Services Routers** **Cisco Catalyst 3650 Series Switches** **Cisco Catalyst 8000V Edge Chassis Platforms** **Cisco Catalyst 9300 Series Switches**	IOS-XE 17.09 IOS-XE 17.12 IOS-XE 17.17

External Applications Required

Application	Version
Cisco Crosswork NSO	6.4.1.3 (important: releases prior to 6.4.1.3 are not supported)

Devices used for testing – Fleet Upgrade

Device	Version

Cisco IOS XR Cisco NCS 540, Cisco C8000 (VXR), ASR9903, NCS 5501, XR LNDT and eXR platforms	IOS-XR 7.8.2 IOS-XR-7.9.2 IOS-XR-7.10.1 IOS-XR-7.11.1 IOS-XR-24.1.1 IOS-XR-24.2.2 IOS-XR 25.2.1
Cisco IOS XE **ASR 1000 series** **Catalyst 9300 series**	IOS-XE 17.09 IOS-XE 17.12 IOS-XE 17.17
Juniper MX960	18.1R1.9 21.1R3.11

Devices used for testing – Golden Config and Device Onboarding

Device	Version
Cisco Nexus C93180YC-FX	10.2(5) 10.3
ARISTA DCS-7170-32CD-F	4.25.1F
Cisco IOS XR Cisco NCS 540, Cisco C8000 (VXR), ASR9903, NCS 5501, XR LNDT and eXR platforms	IOS-XR 7.8.2 IOS-XR-7.9.2 IOS-XR-7.10.1 IOS-XR-7.11.1 IOS-XR-24.1.1 IOS-XR-24.2.2 IOS-XR 25.2.1
Cisco IOS XE **ASR 1000 series** **Catalyst 9300 series**	IOS-XE 17.09 IOS-XE 17.12 IOS-XE 17.17
Juniper MX960	18.1R1.9 21.1R3.11

Known issues and workarounds

Defect	Description	Workaround/Comments
CSCwr10864	EMS: Image is present in UI but not in SWIM-Images folder in swim pod because of that FU is getting failed in distribute stage	This is actually an image overwrite enhancement, and it is planned to be fixed in 7.2.0 . The CNC UI team delivered a solution in 7.2, but after this bug arose, we believe it would be better to provide a solution on the SWIM backend side, as SWIM is reusable across different services beyond CNC, such as CWM. Therefore, it would be more effective to fix it from SWIM to avoid any confusion when others use SWIM. Workaround is to delete the image from UI and add it again.
CSCwq53895	Populating wrong product series while selecting devices for fleet upgrade tab	Fix available in October sprint.
CSCwq56047	Image uploaded by two different users with the same name at the same time results in an error. Impact is image did not upload at all .	In the current implementation, the large image file is divided into multiple chunks to facilitate a better upload experience. In the event of a chunk failure, only that specific chunk needs to be reuploaded instead of the entire file. Additionally, in a cluster environment where multiple imagerepo pods are running, some chunks of the same file may be processed by one pod while others are handled by a different pod. To manage these complexities, we are writing the chunks to a common location. Allowing the same file to be uploaded again while another upload is in progress presents a unique challenge, and addressing this would require significant changes that could impact the current implementation. Therefore, we are closing this issue.

Support

Mailer: **support-cwm-solutions@cisco.com**