



Out-of-Band Firmware

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CHAPTER 1

Out-of-Band Firmware Update

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August 2026

Use this out-of-band firmware update ISO to update your Secure Malware Analytics Appliance firmware. This method allows you to update firmware without a software release.

Before you begin

Download it from <https://s3.amazonaws.com/sma-appliance-airgap-update/firmware-installer--2024.09.20260710T091820.srchash.3a56dc933ca9.rel.iso>

Hardware Platforms

- **M5-series: Recommended** - Apply this firmware update.
- **M6-series: Recommended** - Apply this firmware update.

Procedure

- | | |
|---------------|--|
| Step 1 | Create bootable USB: Use your USB creation tool to create a bootable USB drive from the downloaded ISO file. |
| Step 2 | Connect USB: Connect the bootable USB device to your appliance. |
| Step 3 | Boot to BIOS: Power on or restart the appliance. |
| Step 4 | Access Boot Menu: Press F6 when the BIOS screen appears. |
| Step 5 | Select USB device: Choose your USB device from the boot menu. |
| Step 6 | Monitor progress: The physical console displays the progress of both the boot sequence and the firmware update. |
| Step 7 | Complete update: When prompted, remove the USB device and reboot. |

Version Information:

This update changes the Cisco Integrated Management Controller (CIMC) to the following versions:

- **Version:** 2024.09.20260710T091820.srchash.3a56dc933ca9.rel
- **CIMC version:** This update changes the Cisco Integrated Management Controller (CIMC) to versions:
 - **M5 BMC:** 4.3.2.260020 **BIOS:**C220M5-BIOS-4-3-2h-0_TG
 - **M6 BMC:** 4.3.6.260054 **BIOS:**C220M6-BIOS-6-0-2b-0_TG

What to do next

SHA256 Checksum

Verify the integrity of your downloaded ISO file. Compare its SHA256 checksum with the following:

```
70ded0a367e0e5b032f624cf0809ded3ce2a21cb3dde96d40d7bc688bf01b83e
firmware-installer--2024.09.20260710T091820.srchash.3a56dc933ca9.rel.iso
```

February 2026

Use this out-of-band firmware update ISO to update your Secure Malware Analytics Appliance firmware. This method allows you to update firmware without a software release.

Before you begin



Important We recommend this firmware update for both **M5-series** and **M6-series** hardware.

Before starting the firmware update process, ensure you have:

- A USB device with at least 2GB of storage capacity, but larger drives are recommended since they are more performant and reliable.
- Access to the appliance's physical console.
- A USB creation tool (Rufus on Windows, dd on Linux/macOS, or similar) - this is similar to the airgap update process, see those docs for more details.

Download it from <https://s3.amazonaws.com/sma-appliance-airgap-update/firmware-installer--2024.09.20260220T111820.srchash.0b7a671f3978.rel.iso>

Hardware Platforms

- **M5-series: Recommended** - Apply this firmware update.
- **M6-series: Recommended** - Apply this firmware update.

Procedure

- Step 1** **Create bootable USB:** Use your USB creation tool to create a bootable USB drive from the downloaded ISO file.
- Step 2** **Connect USB:** Connect the bootable USB device to your appliance.

- Step 3** **Boot to BIOS:** Power on or restart the appliance.
- Step 4** **Access Boot Menu:** Press **F6** when the BIOS screen appears.
- Step 5** **Select USB device:** Choose your USB device from the boot menu.
- Step 6** **Monitor progress:** The physical console displays the progress of both the boot sequence and the firmware update.
- Step 7** **Complete update:** When prompted, remove the USB device and reboot.

Version Information:

This update changes the Cisco Integrated Management Controller (CIMC) to the following versions:

- **M5-series:** 4.3 (2.260007)
- **M6-series:** 4.3 (6.260017)

What to do next

SHA256 Checksum

Verify the integrity of your downloaded ISO file. Compare its SHA256 checksum with the following:

```
aff2994b87135ba57044d2c9f1eb2f871a75f5901cc426144839ac80c037a16a  
tmp/firmware-installer--2024.09.20260220T111820.srchash.0b7a671f3978.rel.iso
```

July 2025

Use this out-of-band firmware update ISO to update your Secure Malware Analytics Appliance firmware. This method allows you to update firmware without a software release.

Before you begin



Important

We recommend this firmware update for **M6-series hardware**. M5-series appliances do not require this update if you have already applied the 2.19.4 firmware update. M5 hardware has no firmware changes since 2.19.4.

Before starting the firmware update process, ensure you have:

- A USB device with at least 2GB of storage capacity, but larger drives are recommended since they are more performant and reliable.
- Access to the appliance's physical console.
- A USB creation tool (Rufus on Windows, dd on Linux/macOS, or similar) - this is similar to the airgap update process, see those docs for more details.

Download it from

<https://s3.amazonaws.com/sma-appliance-airgap-update/firmware-installer--2024.09.20250718T163908.srchash.2139552d07a0.rel.iso>

Hardware Platforms

- **M5-series: Not applicable** - No firmware changes required if the 2.19.4 firmware update has been applied.
- **M6-series: Recommended** - Apply this firmware update

Procedure

- Step 1** **Create bootable USB:** Use your USB creation tool to create a bootable USB drive from the downloaded ISO file.
 - Step 2** **Connect USB:** Connect the bootable USB device to your appliance.
 - Step 3** **Boot to BIOS:** Power on or restart the appliance.
 - Step 4** **Access Boot Menu:** Press **F6** when the BIOS screen appears.
 - Step 5** **Select USB device:** Choose your USB device from the boot menu.
 - Step 6** **Monitor progress:** The physical console displays the progress of both the boot sequence and the firmware update.
 - Step 7** **Complete update:** When prompted, remove the USB device and reboot.
-

Version Information:

The update changes your appliance's firmware to:

- **Version:** 2024.09.20250718T163908.srchash.2139552d07a0.rel
- **CIMC version:** This update changes the Cisco Integrated Management Controller (CIMC) to version 4.3.6.

What to do next

SHA256 Checksum

Verify the integrity of your downloaded ISO file. Compare its SHA256 checksum with the following:

```
da1a723901a259c7cd4b35ffeb1e06c2726fe8b569bafeba2aea7cb1436aaa23  
firmware-installer--2024.09.20250718T163908.srchash.2139552d07a0.rel.iso
```