

## EOS-2GB for systems with 2GB Flash

Due to the size increase of the EOS image, 2GB-flash platforms may no longer have sufficient space for the user to store 2 different images on the switch. To resolve the issue, there are now images built specifically for these 2GB-flash platforms (EOS-2GB.swi and EOS-2GB-INT.swi). These images support all the features on main EOS image except for platform support for systems other than supported platforms. New systems for these platforms will be preloaded with these images.

Even though main EOS.swi image is still supported on these platforms, using EOS-2GB variant is recommended. If upgrading using hitless SSU is desired then EOS-2GB variant image is required.

## Supported platforms

These platforms have 2GB-flash:

- DCS-7050T
- DCS-7050S-48/52/64
- DCS-7050Q-16
- DCS-7050QX-32
- DCS-7150S-24/52/64

## Example(s)

Show version will show whether the device is running a 2GB image version

```
localhost#show version
:
:
:
Software image version: 4.18.1F-2GB-4134420
:
```

## Feature Benefits

Enable the supported platforms which have 2GB flash to continue to use the latest EOS releases. Also enables hitless SSU on these supported platforms which have space constraints on flash.

# Troubleshooting

Scenario: EOS-2GB is loaded onto hardware and the following symptoms are observed:

- show interfaces outputs no information

```
Arista#show interfaces
<no output>
```

- show inventory outputs no information

```
Arista#show inventory
System information
```

Model	Description
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**Unknown**

HW Version	Serial Number	Mfg Date	Epoch
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- show version outputs no information regarding the hardware (System MAC address may be visible depending on the product)

```
Arista#show version
```

```
Arista Switch (model not available)
```

```
Hardware version:    Not available
```

```
Serial number:       Not available
```

```
System MAC address:  Not available
```

```
Software image version: 4.18.1F-2GB
```

```
Architecture:        i386
```

```
Internal build version: 4.18.1F-2GB
```

```
Internal build ID:    68288830-414a-4bb6-a891-3324fd5923
```

```
Uptime:               4 minutes
```

```
Total memory:         7777204 kB
```

```
Free memory:           6576148 kB
```

These symptoms indicate that the hardware is not supported by EOS-2GB. Verify the platform by running the following command:

```
Arista#bash cat /etc/prefdl | grep ^SKU
```

```
SKU: DCS-7280QR-C36
```

Then compare with the following list of products supported by EOS-2GB:

- 7050Q-16
- 7050QX-32
- 7050S-48/52/64
- 7050T-36/52/64
- 7150S-24/52/64

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Products not supported by EOS-2GB should use the full EOS SWI from <https://www.arista.com/en/support/software-download>. Using the 2GB image on unsupported hardware may result in undefined behavior.

## Limitations

EOS-2GB is supported only on the following products:

- 7050Q-16
- 7050QX-32
- 7050S-48/52/64
- 7050T-36/52/64
- 7150S-24/52/64

Products not supported by EOS-2GB should use the full EOS SWI from <https://www.arista.com/en/support/software-download>. Using the 2GB image on unsupported hardware may result in undefined behavior.