

# SFC4500A(DC) Firmware Upgrade Guide From V1.x to SONOS V2.3.0.3 Fixed Firmware

\*\*\* Notes: Previous settings will be initialized, so please check the existing settings and back up before upgrade. \*\*\*

## 1. Firmware Information

- Product Model: SFC4500A(DC)
- Firmware version: SONOS\_2.5.0.3
- Firmware file name: SFC4500ADC\_SONOS\_2.3.0.3\_F.dat
- Firmware file hash value (SHA512):  
7FFFC99DB4A0DDF44861CCEA66917C0C08DBAB441185B92A84A519D22A89DC50C1608F296C2B461D2DDC  
814DAC207486B92A672E770A80E13CC8F906D524DF64
- Image integrity check hash value (SHA256):  
2D8D29E6DE6AAD39FB1463090D4DDD0E62C1D5506F55B5914E0D55EF64F7673A

## 2. Improvements (common)

- Improved initial boot log and boot time.
- Improved CLI commands to Cisco-Like CLI format.
- Supports Dual S-Ring & 4 S-Rings. (SFC4500A, SFC4500A(DC))
- SFP Full-Auto support. (A function that automatically sets the optical SFP speed (HCD) using information from the SFP module)
- Improved PoE stability and compatibility.
- Improved web page design and operation.
- Provides L3 Static Routing function. (Disabled by default)
- Connect to the device via basic SSH and HTTPs (443) (automatic redirection from http).
- Improved with integrated SONOS (Soltech One Network Operating System) structure.

## 3. Upgrade information

- Fixed general image for field use: Required image (bootloader + firmware) for upgrading the product from existing firmware 1.x to SONOS 2.x
- You must upgrade to the fixed firmware image corresponding to the installed product model only.
- It is recommended to remove all SFPs and proceed with the upgrade.
- After upgrading, previous settings will be initialized, so check and back up existing settings. (Proceed after removing one uplink if any redundancy protocol like S-Ring, ERPS, STP, RSTP, MSTP is configured.)
- Avoid disconnecting the power during upgrade and automatic rebooting (time required: approximately 5 to 6 minutes)
- On web browser, open <https://192.168.10.100> and click 'Advanced', and then click 192.168.10.100 to continue at the bottom. If login window appears, enter default username "admin" and password "admin".
- After logging in, proceed with function settings again by referring to previous settings data. (Existing version 1.x backup files cannot be uploaded directly.)
- Install the SFP and connect the lines to check communication.