

Validate Firepower 4100 to Secure Firewall 4200 Series Network Module Compatibility

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Issue

During a planned migration from a Cisco Firepower (FPR) 4110 to a Cisco Secure Firewall (CSF) 4215, there is a question regarding the compatibility of the existing FPR4K-NM-6X10SR-F network module. The specific inquiry is whether the FPR4K-NM-6X10SR-F module currently installed in the FPR 4110 can be reused in the new CSF 4215 platform, and what hardware, software version, or support limitations apply to such a configuration.

Environment

- Source Platform: FPR 4110.
- Target Platform: CSF 4215.
- Network Module: FPR4K-NM-6X10SR-F (6-port 10G SR hardware bypass module).

Resolution

Key Compatibility Points

- The FPR4K-NM-6X10SR-F is specifically designed for the FPR 4100-series platforms.
- The 4215 belongs to the Secure Firewall 4200 series and supports the newer FPR4K-XNM-... network module family.
- The supported 4200-series equivalent for a 6-port 10G SR hardware bypass module is the FPR4K-XNM-6X10SRF.

Required Hardware Replacement

To achieve equivalent functionality on the CSF 4215, this module replacement is necessary:

- **Current Module:** FPR4K-NM-6X10SR-F (4100-series).
- **Required Module:** FPR4K-XNM-6X10SRF (4200-series).

Limitations and Considerations

Software/Firmware Requirements:

- Ensure the 4215 is running a supported Secure Firewall Threat Defense (FTD) and FXOS release for the installed module.

Supportability:

- Using a module that is not listed for the 4215 would be considered an unsupported hardware combination.

Cause

The incompatibility stems from architectural differences between the 4100 and 4200 series platforms. The FPR 4100 series uses the FPR4K-NM network module family, while the newer CSF 4200 series requires the updated FPR4K-XNM network module family. These module families have different form factors, connectors, and compatibility requirements that prevent cross-platform usage.

Related Content

- [Cisco Secure Firewall 4200 Series Hardware Installation Guide](#)
- [Cisco Secure Firewall Threat Defense Model Migration Guide](#)
- [Cisco Technical Support & Downloads](#)