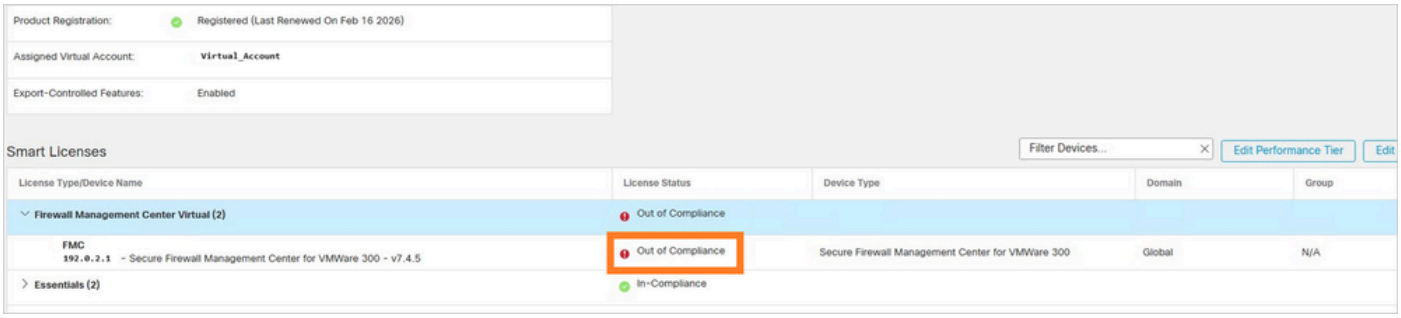
# Troubleshoot FMCv300 License Compatibility with SF-FMC-VMW-2-K9 for Single FTD 3115 Management

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## Issue

A user needed clarification on license compatibility when deploying an FMCv300 virtual Firewall Management Center (FMC) to manage a single Cisco Secure Firewall Threat Defense (FTD) 3115 device. Specifically, the user wanted to confirm whether the SF-FMC-VMW-2-K9 license could be used in this configuration scenario.

The FMC Smart Licenses shows an error about 'Out of Compliance':




*FMC_License_Out_of_Compliance.png*

## Environment

- FTD 7.4. Other software versions can be also affected
- FMCv300 virtual FMC
- Single FTD 3115 managed device. Other platforms can be also affected
- SF-FMC-VMW-2-K9 license under consideration

## Resolution

There are 2 types of virtual FMCv: The "small" (FMCv) and "large" (FMCv300).

For the "small" the valid licenses are:

- SF-FMC-VMW-2-K9: Cisco Secure Firewall Management Center, for 2 devices
- SF-FMC-VMW-10-K9: Cisco Secure Firewall Management Center, for 10 devices
- SF-FMC-VMW-K9: Cisco Secure Firewall Management Center, for 25 devices

There are similar licenses for KVM as well (SF-FMC-KVM-K9, and so on).

For the "large" the applicable license is:

- SF-FMC-VMW-300-K9

There is also an upgrade SKU (stock keeping unit) to move from an FMCv25 to an FMCv300:

- SF-FMC-VMW-25-300

## Cause

FMCv300 has only a single license option (SF-FMC-VMW-300-K9) and cannot be licensed with SF-FMC-VMW-2-K9.

## Related Content

- https://www.cisco.com/c/en/us/products/collateral/security/secure-firewall/guide-c07-737902.html
- https://www.cisco.com/c/en/us/td/docs/security/secure-firewall/management-center/management-center-virtual/management-center-virtual-gsg.html
- Cisco Technical Support & Downloads