Training: Fortinet
NSE5 - FortiManager

NSE Training Institute
Authorized Training Center

TRANING TERMS

2021-08-02 | 2 days | Virtual Classroom
2021-09-27 | 2 days | Virtual Classroom
2021-09-27 | 2 days | Warszawa
2021-11-29 | 2 days | Kraków
2021-11-29 | 2 days | Virtual Classroom

TRAINING GOALS:

In this 2-days instructor-led classroom or online class, you will learn the fundamentals of using FortiManager for centralized network administration of many FortiGate devices.

This course focuses on these areas of the FortiManager GUI:

- Device Manager
- Policy & Objects
- FortiGuard
- System Settings.

By its nature, this FortiManager course targets enterprise or other large networks. It highlights these scenarios:

- Single administrative domain with one policy package for one or many devices.
- Single administrative domain with multiple policy packages.
- Multiple administrative domains with no global administrative domain.

After completing this course, you will be able to:

- Describe capabilities of FortiManager.
- Deploy two use cases.
- Add a FortiGate device to the pool of devices managed through FortiManager.
- Identify licensing differences between physical and virtual appliances.
- Use scripts.
- Synchronize the FortiGate configuration stored on FortiManager with a deployed FortiGate.
- Provide a local FortiGuard server for FortiGate devices.

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- Manage firmware through FortiManager as a FortiGuard server.
- Lock and use ADOMs.
- Create and restore ADOM revisions.
- Locate FortiManager APIs.
- Deactivate offline mode.
- Back up, reset, and restore a FortiManager.
- Correctly replace a failed FortiGate device.
- Automatically create FortiGate configuration revisions.
- Locate the database version of an ADOM.
- Understand how ADOM database version affects the Policy & Objects tab.
- Differentiate functionality of Policy & Objects at the ADOM vs. global level.
- Share objects between multiple devices.
- Use dynamic objects.
- Quickly build firewall policies with cut & paste, cloning, importing, and exporting.
- Define zones.
- Target devices to install policy packages and individual policies.
- Understand the purpose of the re-install command.
- Deploy IPSec VPNs.
- Use provisioning profiles.
- Provide customers with access to managed devices through the web portal.
- Plan a complete high availability (HA) infrastructure, including dual FortiManager and FortiGate clusters.
- Deploy FortiManager on a private network, not connected to the public Internet.
- Optimize performance by identifying features that you can enable on either FortiManager or FortiAnalyzer.
- Use chassis management.
- Diagnose errors in the FGFM protocol.
- Understand FortiManager's management module framework.

This course focuses on use of FortiManager with FortiGate devices. However, it is still valuable if you use FortiManager with:

- FortiCarrier
- FortiWeb
- FortiSwitch

or to cache FortiGuard updates and respond to queries from FortiClient or FortiMail.

This course does not cover the FortiManager APIs, other than a brief overview of their purpose.

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Who Should Attend

- Anyone who is responsible for day-to-day management of FortiGate security policies using the FortiManager platform.

CONSPECT:

- Introduction and initial configuration
- Administration and management
- Device registration
- Device level configuration and installation
- Policy and objects
- SD-WAN and security fabric
- Diagnostics and troubleshooting
- Additional configuration

REQUIREMENTS:

You must master FortiGate Multi-Threat Security Systems I & II before attending this class.

Difficulty level

CERTIFICATE:

The participants will obtain certificates signed by Fortinet. This is part of preparation for the NSE 5 certification exam. More information about NSE 5 certification on the http://www.fortinet.com/training/certification/NSE5.html.

TRAINER:

Fortinet Certified Trainer (FCT).

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