

# Fortinet NSE 5 - FortiManager 7.x

This intermediate Fortinet NSE 5 training prepares learners to take the FortiManager 7.x exam, which is the one of two exams required to earn the Fortinet NSE 5 certification.

[CBT Nuggets course material](#) →

## WEEK 1

### FortiManager Initial Lab Setup

- Intro to Initial Lab Setup
- Topology and Device Overview
- Hypervisor Overview
- FW-1 Configuration
- FW-2 Configuration
- Physical Switch Integration

### Deploying FortiManager

- Overview
- Intro to Deploying FortiManager
- FortiManager Overview
- Deploying the FortiManager VM
- Initial FortiManager VM Config
- Administrative Domains (ADOMs)
- Creating Administrators
- ADOM Locking
- Integrating FortiAnalyzer
- Backing Up and Restoring

### FortiManager Device Registration

- Overview
- Intro to Device Registration
- Overview of Device Registration
- Register a FortiGate with FortiManager
- Creating System Templates
- Pushing a System Template
- Auto Update

Device Level Changes

Using Scripts

Adding a Second FortiGate

## **FortiManager Policy and Objects**

Overview

### **WEEK 2**

Intro to FMG Policy and Object Mgmt

Policy and Object Mgmt Overview

Importing FortiGates

ADOM Revisions

Workflow and Approvals

Dynamic Address Object Mappings

Dynamic Interface Mappings

Mapped SD-WAN Zones

Using a Common Policy

## **FortiManager Global ADOM**

Overview

Intro to Global ADOM

Global ADOM Overview

Creating a Global Policy

Create a Header Policy

Create a Footer Policy

Promoting ADOM Objects

Using Promoted Objects in Global Policy

## **FortiSwitch Manager**

Overview

Intro to FortiSwitch Manager

Overview

FortiSwitch with Local FW Mgmt

Creating VLANs

Configure Access Ports

802.1Q Trunks and LAGs

FortiSwitch Manager

### **WEEK 3**

Using Switch Objects in Policy

## **FortiManager VPN Manager**

Overview

Intro to FortiManager VPN Manager

VPN Manager Overview

Create Device Groups

Create Address Objects

Create VPN Communities

Add Managed GWs

Update Firewall Policies

## **Fortinet AP Manager**

Overview

Intro to Fortinet AP Manager

Fortinet Wireless Overview

Onboarding the FortiAP

FortiAP Profiles

WIDS Profiles

SSIDs

Firewall Policies

Diagnostics and Tools

AP Manager

## **FortiManager HA and Recovery**

Overview

Intro to FortiManager HA and Recovery

HA and Recovery Overview

FortiManager HA (High Availability)

## **WEEK 4**

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Local Configuration Revisions

FortiManager Backup and Restore

FortiGuard and Updates

## **FortiManager Troubleshooting**

Overview

Intro to FortiManager Troubleshooting

FortiManager Troubleshooting Overview

Troubleshooting Fun with FW1

Troubleshooting with FW2