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OVERVIEW

Fortinet (NASDAQ: FTNT) is a global provider of high-performance network security and specialized security solutions that provide our customers with the power to protect and control their IT infrastructure. Our purpose-built, integrated security technologies, combined with our FortiGuard security intelligence services, provide the high performance and complete content protection our customers need to stay abreast of a constantly evolving threat landscape.

The Fortinet Security Fabric brings together all components in your network. It is Broad, Powerful and Automated. In addition to Fortinet products, the Security Fabric also integrates with 3rd Party partners to extend the power of the Security Fabric to other parts of an organization. For more information regarding our Security Fabric Partners, please refer to our Technology Alliances here: https://www.fortinet.com/partners/partnerships/alliance-partners.html

Tufin is the leader in Network Security Policy Orchestration for enterprise cybersecurity. More than half of the top 50 companies in the Forbes Global 2000 turn to Tufin to simplify management of some of the largest, most complex networks in the world, consisting of thousands of firewall and network devices and emerging hybrid cloud infrastructures. Enterprises select the company’s award-winning Tufin Orchestration Suite™ to increase agility in the face of ever-changing business demands while maintaining a robust security posture. The Suite reduces the attack surface and meets the need for greater visibility into secure and reliable application connectivity. Its network security automation enables enterprises to implement changes in minutes with proactive risk analysis and continuous policy compliance. Tufin serves over 1,900 customers spanning all industries and geographies; its products and technologies are patent-protected in the U.S. and other countries. Find out more at www.tufin.com.

DEPLOYMENT PREREQUISITES

1. Fortinet FortiManager version 5.x  
   (tested with versions 5.4.2 and 5.6.0)

2. Tufin Orchestration Suite SecureTrack version 17.1 GA.2 build 93488

FORTIMANAGER CONFIGURATION

Create and configure an administrator account for tufin to use
From System Settings go to Admin > Administrators > Create New
Enter a username, new password and confirm the password. Set the Admin Profile to Super_User and click OK at the bottom of the page.

The screen should look like the image below:

Enable the Web Service from the Network settings.
Remote Procedure Call (RPC) needs to be set to read-write when using FortiManager version 5.2.3 and above (see link to the Technical Note at the end for more details).
Connect to the FortiManager CLI to change the tufin administrator account permissions.
Enter the following CLI commands:

```
FMG-VM64 # config system user 
   (user)# edit tufin
   (tufin)# set rpc-permit read-write 
   (tufin)# end
```

Configure FortiManager to send Syslog to the tufin IP address.
From System Settings go to Advanced > Syslog Server and click Create New.

Enter a Name
Enter the IP Address or FQDN of the tufin server
Click OK

**TUFIN SECURETRACK CONFIGURATION**

Configure tufin SecureTrack to monitor FortiManager.
Go to Settings > Monitoring
Click the Fortinet panel > Select Device > FortiManager

Enter a Name for Display
Enter the IP address of the FortiManager
Select Basic firewall management if using FortiManager 5.2 and earlier
Select Advanced management if using FortiManager 5.4 and above
Click Next

Enter the username and password configured previously
Click Retrieve Certificate and wait for confirmation it was retrieved
Click Next
Select the desired Monitoring Settings, either Default or Custom
Click Next

Click Save

Click Import Administrative Domains and Managed Devices
Select the Administrative Domains and Managed Devices to import
Select the desired Features
Click Import

The configuration is now complete
The Home Dashboard should look like this

SUMMARY

Fortinet and Tufin have developed an integrated offering for comprehensive network security policy orchestration. Together, the Tufin Orchestration Suite with Fortinet FortiGate firewalls and FortiManager network security management products reduce attack surface for mitigation of cyber threats. The joint offering enables IT security teams to manage complex heterogeneous physical networks and cloud platforms through a single pane of glass, providing advanced visibility and risk-free policy modifications. Based on advanced analysis and automation technologies, network security policies are orchestrated across the enterprise networks, leveraging the advanced capabilities and unparalleled security protection of Fortinet FortiGate firewalls.

Solution Overview Video: https://www.brighttalk.com/webcast/9591/180115
Tufin Knowledge Center: https://forum.tufin.com/support/kc/latest/