Configure BFD in Secure Firewall Threat Defense with GUI

Contents

Introduction Requirements Components Used Background Information Configure Verify Troubleshoot

Introduction

This document describes how to configure the BFD Protocol in Secure Firewall Management Center (FMC) running 7.3 and later.

Requirements

Cisco recommends that you have knowledge of these topics:

- Border Gateway Protocol (BGP) protocol
- Bidirectional Forwarding Detection (BFD) concepts

Components Used

The information in this document is based on these software and hardware versions:

- Secure FMC Virtual version 7.3.1
- BGP configured in Cisco Secure Firewall Threat Defense (FTD) with Cisco Secure FMC running version 7.3 and later

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

Background Information

BFD is a detection protocol designed in order to provide fast-forwarding path failure detection times for all media types, encapsulations, topologies, and routing protocols.

Configure

Refer to these steps for BFD configurations in FMC running versions 7.3 and later.

Step 1. Navigate to the Devicesbutton on the top and click the Device Managementbutton.

Ę	Firewall Manage Overview / Dashboard	ement Center is / Dashboard	Overview Anal	ysis Policies	Devices 1 Objects	Integration		
Su Provi	Immary Dashbo des a summary of activity on the etwork Threats	applance Intrusion Events	Status × Geoloca	tion QoS	Device Management Device Upgrade NAT QoS Platform Settings	2 VPN Site To Site Remote Access Dynamic Access Policy Troubleshooting	Troubleshoot File Download Threat Defense CLI Packet Tracer Packet Capture	
•	Annliance Status	-			FlexConfig Certificates			Current Session
	Normal (0)-				Name IPv4 Address IPv6 Address Model Versions Software Rule Update Geolocation Update VDB	FMC-HackTZ 10.88.243.103 Disabled Secure Firewall Management Center I 7.3.1 2023-07-12-001-vrt 2023-07-10-101 368	for VMware	Username
Þ	Product Updates - ×			- ×	L	 System Load 		
	Туре	Current	Latest					
	Geolocation Update Local Geolocation Update Rule Update Local Rule Update	2023-07-10-101 2023-07-12-001-wt	2023-07-10-101					CPU 0 CPU 1
	Software 1 Management Center 2 Devices							CPU 3
	VDB 1 Management Center							Load Avg
•	Disk Usage			- ×				
	By Category:							
https://	10.88.243.103/ddd/#SensorLi	ist						

Image 1. FMC Dashboard.

Step 2. Choose the device you want to configure the BFD protocol.

þ	Firewall Management Center Devices / Device Management	Overview Analysis	Policies Devices	Objects Integra	ition					
View B All (r: Group • 2) • Error (0) • Warning (0) •	• Offline (0) • Normal (2)	 Deployment Pending (0) 	 Upgrade (2) 	 Snort 3 (2) 					
Collapse All										
	Name		Model	Version	Chassis	Licenses				
	 Ungrouped (2) 									
	SF3130-A Snort 3 10.88.146.203 - Routed		Firewall 3130 Threat Defense	7.3.1	Manage	Essentials, IPS (2 more)				
	SF3130-8 Snort 3 10.88.146.205 - Routed		Firewall 3130 Threat Defense	7.3.1	Manage	Essentials, IPS (2 more)				