

12 - Setting up User Account Authentication

Objectives

- Know how to add new SmartCenter administrator accounts
- Know the authentication schemes that Check Point can use, OS Password, Internal Password, RADIUS, TACACS, SecurID
- Create User Accounts, Groups and Templates
- Know the authentication database and Daemons used for Authentication
- Know how to export the user database
- Know the three types of authentication used, User, Session & Client

Prerequisites

- Complete Module 11
- Virtual machines MgmtSite1, fwsite1 & classrouter must be running

Approximate time for completing each section

Section 1	Creating Administrator Accounts	30 minutes
Section 2	Creating Firewall Rule Authentication Accounts	20 minutes
Section 3	Authentication Processes	20 minutes
	Total time	1 Hr 10 Min

Contents

1	Creating Administrator Accounts	3
1.1	Administrator Accounts.....	3
1.1.1	cpconfig	3
1.1.2	SmartDashboard – Users.....	3
1.1.3	Administrator Profile	4
1.1.4	Users - Personal & Groups	4
1.1.5	Administrator Authentication Schemes	4
1.1.6	Using Certificates	5
1.1.7	Testing Administrator Account	6
1.2	Using a RADIUS Server.....	6
1.2.1	Create a RADIUS Server Object.....	6
1.2.2	Create another administrator using RADIUS Authentication.....	7
2	Creating Firewall Rule Authentication Accounts.....	8
2.1	Users for Firewall Rule Authentication	8
2.1.1	Supported Authentication Schemes.....	8
2.1.2	Firewall - Enabled Authentication Schemes	8
2.1.3	Creating User Groups	8
2.1.4	Creating User Templates	9
2.1.5	Creating User Accounts	11
3	Authentication Processes	13
3.1	User Administration Database & Daemons.....	13
3.1.1	fwauth.NDB.....	13
3.1.2	fwauthd.conf	13
3.1.3	Exporting & Importing the User Database	14
3.2	External User Profiles	14
3.2.1	Match all Users.....	14
3.2.2	Match by Domain.....	15
3.3	Authentication and Security Rules.....	15
3.3.1	User Authentication	15
3.3.2	Client Authentication	15
3.3.3	Session Authentication.....	16