

18 - Content Security Servers

Objectives

- Understand how Content Security server work at the application level and not the kernel level
- Create Resources that can be used with the Content Security Servers
- Make use of the HTTP Content Security Server
- Make use of the FTP Content Security Server
- Understand how CVP Servers integrate with the Content Security Servers
- Understand how UFP Servers integrate with the Content Security Servers

Prerequisites

- Complete Module 17
- Virtual machines MgmtSite1, fwsite1 & classrouter must be running

Approximate time for completing each section

Section 1	Content Security Servers	10 minutes
Section 2	HTTP Content Security	30 minutes
Section 3	FTP content Security	35 minutes
Section 4	CVP and UFP Servers	30 minutes
	Total time	1 Hr 45 Min

Contents

1	Content Security Servers.....	3
1.1	Content Security Servers.....	3
1.1.1	Servers and Processes, HTTP, FTP, SMTP.....	3
1.1.2	Resources (filters).....	4
1.1.3	Example Rules	5
2	Security Policy Rules Check	6
2.1	Current Rules	6
2.2	Create New Policy with Basic Rules.....	8
3	HTTP Content Security Server	10
3.1	HTTP Resources.....	10
3.1.1	Creating an HTTP Resource – Query Word Filter	10
3.1.2	Creating an HTTP Resource – Strip Java.....	12
3.1.3	Creating an HTTP Resource – Block an IP Address	12
3.1.4	Using URI Resources in Rules.....	13
3.1.5	Testing the Resources	13
3.1.6	URI Match – Example file.....	14
4	FTP Content Security Server.....	15
4.1	FTP Resources	15
4.1.1	Creating an FTP Resource.....	15
4.1.2	Filter Options	15
4.1.3	Apply the Resource to a Rule	16
4.1.4	Testing the Resource	16
5	SMTP Content Security Server	17
5.1	SMTP Resources.....	17
5.1.1	Creating an SMTP Resource	17
5.1.2	Apply the Resource to a Rule	18
6	CVP and UFP Servers.....	19
6.1	CVP	19
6.1.1	Creating a CVP Server.....	19
6.2	UFP	20
6.2.1	Creating a UFP Server	20
6.3	Using OPSEC Groups	21
6.3.1	Creating a Group.....	21
6.3.2	Load Balancing or Chaining	22