

## 8 - SmartView Tracker

### Objectives

- Create log events using a scanner
- Know the different tabs in the SmartTracker, Log, Active, Audit
- Use filters to display different log details
- Understand the events in the Active view
- Understand the events in the Audit view
- Know how to rotate log files
- Know how to export log files to third party products
- Fetch log files from remote firewall modules
- Create simple filtered searches
- Know how to create custom commands in SmartTracker

### Prerequisites

- Complete Module 7
- Virtual Machines MgmtSite1, fwsite1 & classrouter must be running

### Approximate time for completing each section

|                  |                                          |            |
|------------------|------------------------------------------|------------|
| <b>Section 1</b> | Generate Traffic Using a Network Scanner | 10 minutes |
| <b>Section 2</b> | SmartView Tracker                        | 30 minutes |
|                  | Total time                               | 40 Min     |

## Contents

|          |                                                       |          |
|----------|-------------------------------------------------------|----------|
| <b>1</b> | <b>Generate Traffic Using a Network Scanner .....</b> | <b>3</b> |
| 1.1      | Scan 172.21.1.254.....                                | 3        |
| 1.1.1    | Set the IP Address Range to Scan – 172.21.1.254.....  | 3        |
| 1.1.2    | Check the Type and Ports to Scan .....                | 3        |
| 1.1.3    | Run the Scan.....                                     | 3        |
| 1.1.4    | Check Log Events Generated .....                      | 4        |
| <b>2</b> | <b>SmartView Tracker.....</b>                         | <b>5</b> |
| 2.1      | Log Views, Log, Active, Audit .....                   | 5        |
| 2.1.1    | Log View.....                                         | 5        |
| 2.1.2    | Active View .....                                     | 7        |
| 2.1.3    | Audit view .....                                      | 8        |
| 2.1.4    | Standard Filters .....                                | 8        |
| 2.2      | Rotating, Archiving and Exporting Logs .....          | 9        |
| 2.2.1    | Rotating Log Files.....                               | 9        |
| 2.2.2    | Archiving Log Files.....                              | 9        |
| 2.2.3    | Exporting Log Files.....                              | 9        |
| 2.2.4    | Fetching Log Files from the Firewall .....            | 10       |
| 2.3      | Searching and Custom Filters .....                    | 11       |
| 2.3.1    | Filter Options .....                                  | 11       |
| 2.3.2    | Doing Simple Searches.....                            | 12       |
| 2.3.3    | Custom Filters .....                                  | 13       |
| 2.3.4    | View Query Properties .....                           | 14       |
| 2.4      | Custom Commands .....                                 | 15       |
| 2.4.1    | Adding a Secure Shell Custom Command .....            | 15       |
| 2.5      | Log Parameters in the SmartDashboard.....             | 16       |
| 2.5.1    | Log Type.....                                         | 16       |
| 2.5.2    | Firewall Object.....                                  | 16       |
| 2.5.3    | SmartCenter .....                                     | 16       |
| 2.5.4    | Policy Global Properties.....                         | 17       |
| 2.6      | Logging to an Alternative Directory .....             | 18       |