NETSCOUT®

OVERVIEW

Course Level:

Basic

Format:

On-Demand

Prerequisite Knowledge:

This course is intended for new users.

Target Audience:

This course is intended for anyone who has a technical role involving configuring, operating, supporting, or administrating the NETSCOUT® Arbor Sightline and Threat Mitigation System (TMS) deployments.

Duration:

2 course hours

Getting Started with Arbor Sightline and Threat Mitigation System (TMS)

Course Information

This self-paced online course introduces you to NETSCOUT's Arbor Sightline and the Threat Mitigation System (TMS) DDoS mitigation platform. The course begins by showing you the different types of Sightline and TMS appliances and how they collect and use network data. You are then introduced to some of the powerful reporting capabilities of Sightline. The course ends with an overview of the available attack mitigation orchestration and mitigation capabilities of the solution.

The course consists of four modules, each taking between 15 and 30 minutes to complete. At the end of each module you get the chance to demonstrate your grasp of the concepts for that unit through a series of questions and interactive simulations.

Course Objectives

- Describe Arbor Sightline and TMS and their purpose in the deployment
- Access and navigate the Arbor Sightline user interface
- Describe how Sightline collects data about your network
- View traffic and DoS Alerts using the Sightline UI
- Demonstrate using blackhole routing with Sightline
- Setup rate limiting or dropping traffic using flow specification
- Use countermeasures available with the Arbor TMS

TRAINING

Course Syllabus:

Module 1: Overview

- What is Sightline?
- What are the Sightline appliance roles?
- What is the TMS?
- Overview of the user interface

Module 2: Data Collection

- How does Arbor Sightline use flow, BGP and SNMP data?
- What is the network boundary and why is it critical to understand?
- Classifying interfaces
- What is data binning?

Module 3: Analyzing Network and Customer Traffic

- Viewing your network traffic using common reports
- Managed objects
- Viewing managed object specific reports
- Viewing a DoS host alert

Module 4: Mitigating Threats Using Sightline and TMS

- Using blackhole routing for mitigation with Sightline – pros and cons
- Using flow specification – pros and cons
- Creating and monitoring a TMS mitigation
- Introduction to Arbor TMS countermeasures

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