



OVERVIEW

Course Level:

Intermediate

Format:

Instructor-Led

Prerequisite Knowledge:

Completing the following Security on-demand courses is recommended:

- Introduction to DDoS
- Getting Started with Arbor Sightline and TMS

Target Audience:

System administrators, network planning teams and staff responsible for troubleshooting, configuring, and maintaining the Arbor Sightline/TMS solution.

Duration:

2 course days when onsite
Or
2x 5,5 hours virtual sessions

Arbor Sightline Traffic Reporting and Analysis Course

Course Description

This course shows you how NETSCOUT's Arbor Sightline can be used to analyze network traffic and BGP route information to optimize your network performance and BGP peering operations.

Learn how to use the traffic analysis and visualization functions of Sightline to pull traffic data and generate reports that will give you insight into how your network is performing. Create reports to do a network peering analysis. Consolidate and view data to assist with network capacity planning, BGP policy management, even IPv6 rollout. Finally, create customer-centric accounting reports that will assist you and your customers understand their network use and performance.

Course Objectives

- Explain how Arbor Sightline collects, stores, and displays network and routing data
- Show how Sightline displays various network reports, including the use of stacked graphs
- Use multi-match reporting via the Explore Traffic tool
- Use Sightline reporting tools to assist with common tasks for network operators and engineers

Course Syllabus

Module 1: Visibility Overview

- Understand what Sightline visibility is
- Discover how Sightline builds an understanding of your network
- Identify the different use cases for traffic reporting

Module 2: Sightline Reporting Overview

- Work with pre-defined or custom reports
- Learn about report page settings and available options
- Learn how to read information from reports
- Lab: Sightline Reporting Overview

Module 3: Network Visibility and Reporting

- Explore the basics of network reporting in sightline
- Learn more about graphs and traffic data layouts
- Use network reports to answer questions about your network
- Lab: Network Visibility and Reporting

Module 4: External Visibility and Reporting

- Explore the concepts of external network reporting in sightline
- Understand Sightline peer concepts and reporting options
- Understand transit traffic reporting
- Lab: Peer, BGP and Transit Reports

Module 5: Capacity Planning and Congestion Reporting

- Identify congestions in your network
- Analyze traffic on congested interfaces
- Lab: Capacity Planning and Congestion Reporting

Module 6: BGP Reliability & Reporting

- Describe BGP's relevance for the Sightline deployment
- Use the Sightline system to monitor router BGP status and accuracy
- Investigate BGP instability in your network
- Lab: BGP Reliability and Reporting

Module 7: Over-the-top (OTT) Traffic Reporting

- Define Over-The-Top (OTT) and OTT services
- Introduction to OTT elements of Sightline
- Working with Sightline OTT Traffic reports
- Lab: OTT Reporting

Module 8: Managed Object Traffic Reporting

- Explore infrastructure resource monitoring using managed objects
- Working with managed object reports
- Explore infrastructure managed object reporting use cases
- Lab: Managed Object Traffic Reporting

Module 9: Multi-Dimensional Reporting

- Discover how big data is implemented in Sightline
- Learn about the functionalities Insight adds to Sightline
- Explore traffic reporting using Insight

Module 10: Advanced Traffic Reports with Sightline Insight

- Understand the Advanced Traffic Reports (ATR) feature
- Understand available types of ATRs
- Discover the use-cases for ATRs



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