



## OVERVIEW

### Course Level:

Intermediate

### Format:

Instructor-Led

### Prerequisite Knowledge:

Completing the following Arbor Security Academy 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:

16 course hours

# 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: Traffic Data Overview

- Explain the available Sightline traffic reporting capabilities
- Explain the elements of flow and BGP information that Sightline collects and uses
- Describe how Sightline stores and ages traffic data
- Explain the concept and impact of network boundaries versus local boundaries
- Identify the different use cases for traffic reporting

### Module 2: Network Reporting

- Explain how Sightline displays various network reports, including the use of stacked graphs
- Run various network reports, including traffic breakdown by IPv4, IPv6 and IP location
- Explain the Subscriber feature of Sightline
- Use multi-match reporting via the Explore Traffic tool
- Use BGP routing reports

### Module 3: Managed Object Reporting

- Explain the differences between the managed object boundary types
- Determine which resources to monitor in a network
- Use managed object traffic reports

### Module 4: Peering Analysis and BGP Monitoring

- Describe the process of BGP route selection
- Explain the difference between traffic reporting and transit reporting
- Run reports suitable for the tasks of a peering coordinator

### Module 5: Capacity Planning

- Run reports to assist with network capacity planning
- Use the Report Wizard to build ad-hoc recurring reports



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