



## 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 NETSCOUT® Arbor Sightline and NETSCOUT® Arbor Threat Mitigation System™ (TMS)

### Target Audience:

Peering coordinators, network architects, network planning teams, and staff responsible for configuring, maintaining, and troubleshooting the traffic and routing for their network.

### Duration:

16 course hours

# NETSCOUT Arbor Sightline Traffic Reporting and Analysis Course

## Course Description

This course shows you how NETSCOUT Arbor Sightline is used to help you manage and optimize your network for your business.

Learn how to use Sightline to analyze your network's traffic and create actionable reports. Analyze BGP route information to optimize your network performance and BGP peering operations. Investigate traffic details for the Over-the-Top (OTT) services provided over your network. Discover which customers and services are using IPv6 and identify future growth for IPv6 traffic. Dig deeper into the data that represents your network and your customers' traffic using Omnis™ Insight.

Create reports to perform a network peering analysis. Consolidate and view data to assist with network capacity planning, BGP policy management, and IPv6 roll-out. Finally, create customer-centric accounting reports that will assist you and your customers understand their network traffic and performance.

## Course Objectives

- Explain how Sightline collects, stores, and displays network and routing data.
- Show how Sightline displays various network reports, including the use of relationships.
- 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

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### Module 1: Sightline Visibility Overview

- Define what is Sightline visibility
  - Discover how Sightline builds an understanding of your network
  - Explore Sightline use-cases and reports
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### Module 2: Sightline Reporting Overview

- Working with Sightline Pre-defined and Custom Reports
  - Using Sightline Explore Reports
  - Create Custom Reports
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### Module 3: Network Visibility and Reporting

- Explore the basics of network reporting on Sightline
  - Learn graph and traffic data layout
  - Explore the report dashboards
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### Module 4: External Visibility and Reporting

- Learn Sightline peer concepts and reporting
  - Define transit traffic and explore Sightline transit reporting
  - Navigate Sightline peer traffic exchange tools
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### Module 5: Capacity Planning and Congestion Reporting

- Defining capacity planning for Sightline
  - Identify & analyzing congested interfaces in your network
  - Extract data for future network capacity planning
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### Module 6: BGP Reliability & Reporting

- BGP and your Sightline deployment
  - Determine Sightline deployment and monitored router BGP status
  - Investigate your network BGP instability
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### Module 7: Over-the-Top Reporting

- Define Over-The-Top (OTT) and OTT services
  - Introduction to OTT elements of Sightline
  - Use Sightline OTT reports
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### 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
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### Module 9: Multi-Dimensional Reporting

- Define big data and learn its capabilities in network visibility
  - Learn about the functionalities Insight adds to Sightline
  - Explore traffic reporting using Insight
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### Module 10: Advanced Traffic Reports

- Requirements for creating Advanced Traffic Reports (ATR)
  - Explore use cases for using Sightline ATR
  - Create an Insight query and define the facets for an ATR
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## HOW TO ORDER

Contact your NETSCOUT Sales Account Representative for pricing and purchasing options.



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NETSCOUT offers sales, support, and services in over 32 countries. Global addresses, and international numbers are listed on the NETSCOUT website at: [www.netscout.com/company/contact-us](http://www.netscout.com/company/contact-us)