Training: Netskope
Netskope One Administrator (NOA) (US)

TRAINING GOALS:

The Netskope One Administrator course is designed to equip administrators with the knowledge and skills necessary to effectively navigate, monitor, and manage cloud security policies and digital experience within a real-world environment. A core goal is to provide a comprehensive understanding of the Netskope infrastructure, including its main components, how they serve requests in the data and control planes, basic technical points, and the most common use cases. The curriculum also focuses on the practical aspects of designing, implementing, and managing Real-time Protection Policies and API Data Protection Policies to prevent the unauthorized exfiltration of sensitive data across an organization. Furthermore, it aims to clarify the fundamentals and advanced protections offered by Netskope Threat Protection, including scanning techniques and User and Entity Behavior Analytics (UEBA) capabilities.

The course is structured into twelve main modules, guiding learners through a progressive understanding of the Netskope platform. It commences with an overview of the Netskope Platform Architecture and Tenant User Interface Basics, followed by essential administrative topics such as User Management and Traffic Steering. Subsequent modules delve into the Netskope Client, various Real-time & API Protection Policies, and Web Security features. The latter part of the course concentrates on more advanced security functionalities like the Netskope Cloud Firewall, Data Loss Prevention (DLP), and Threat Protection. The program concludes with modules on Netskope Advanced Analytics and Enhanced Reporting, many of which are complemented by hands-on lab sessions to solidify practical application.

Objectives

Upon successful completion, administrators will possess the expertise to:

- Prevent unauthorized data exfiltration, protect against a wide array of cyber threats, and proactively identify and respond to anomalous user behavior.
- Leverage Netskope's advanced reporting and analytics features to gain deep insights into security events, troubleshoot issues, and drive continuous improvement in their cloud security operations.

Target Audience

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- Security Administrators

CONSPECT:

- Netskope Platform Architecture
  - Provides a high-level overview of the Netskope infrastructure, focusing on its availability, the platforms of the Netskope Security Cloud, and basic concepts such as the Management Plane (MP) and Data Plane (DP). It also covers types of architecture, most common use cases, and architecture management best practices.
- Interface UI Basics
  - Focuses on the Netskope Tenant and P-DEM user interfaces. Administrators will learn to effectively navigate and monitor cloud security policies and digital experience within these interfaces, including the key capabilities of P-DEM like near real-time traffic monitoring and proactive user experience monitoring for various applications.
- User Management I
  - Covers the various methods for populating and authenticating user identities within the Netskope Tenant. It details processes such as Directory Importer, SCIM User Provisioning, Local Authentication for Administrators, and Single Sign-On (SSO) for Tenant Administrators. The chapter also introduces Role-Based Access Control (RBAC).
- Traffic Steering
  - Delves into different steering methods used by Netskope, including Inline and Out Of Band methods. It explains how traffic flows to Netskope's proxy and the implications for tenant configuration, covering concepts like Netskope Client, GRE, IPSec, Explicit Proxy, and Reverse Proxy.
- Netskope Client I
  - Explains how the Netskope Client works across various platforms. It provides information on installation, configuration, and deployment using different supported software distribution tools, highlighting benefits like visibility into all users and applications, and support for browser and native application traffic.
- Real-time & API Protection Policies
  - Focuses on designing, implementing, and managing Real-time Protection Policies and API Data Protection Policies. It covers the use of profiles and actions within the tenant to prevent unauthorized data exfiltration, including policy flow, use cases for granular control, and the concept of quarantine for sensitive files.
- Web Security I
  - Explains the Web Security component and its integration into Real-time policies to protect traffic and users. It covers Web Profiles, custom categories for URL management, and policies for web access, alongside decryption bypass configurations for sensitive web traffic.
- Netskope Cloud Firewall
  - Details the configuration process for the Netskope Cloud Firewall (CFW) and provides an overview of its features to control an organization's outbound traffic. Key features include

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stateful inspection, 5-tuple based policies, FQDN and wildcard destination support, and user/group-ID based policies.

- Data Loss Prevention DLP
  - Guides administrators on implementing and managing DLP policies to prevent unauthorized exfiltration of sensitive data across cloud and endpoints using data identifiers. It covers DLP features, rules and profiles, fingerprinting and Exact Match techniques, and Endpoint DLP policy creation.
- Threat Protection
  - Covers the fundamentals and advanced protections offered by Netskope Threat Protection, including its scanning techniques and usage scenarios for APIs and real-time traffic. It explains Patient Zero Protection, Intrusion Prevention System (IPS), and the capabilities of User and Entity Behavior Analytics (UEBA) for detecting anomalous user behavior.
- Netskope Advanced Analytics I
  - Introduces the advantages and main features of Advanced Analytics, including available dashboards, visualizations, and custom reports. It highlights the ability to create custom reports on over 500 data fields, offering interactive drill-down capabilities and extensive visual customizations.
- Enhanced Reporting
  - Focuses on managing scheduled reports and creating custom dashboards using pre-built widgets within the Netskope platform. It also covers sharing interactive reports and discusses data retention policies for various event types.

REQUIREMENTS:

Recommended pre-requisites: (Optional) NCSS - NSCIOTT - Netskope Security Cloud Introductory Online Technical Training. Additionally, some experience with the Netskope platform is preferred. Furthermore, the course is designed for attendees that have a thorough understanding of networking technologies and security concepts. Experience with other security technologies (IPS, proxy, and content filtering) is a plus.

Difficulty level

CERTIFICATE:

Upon successful completion of the Netskope One Administrator exam the participants will obtain certificates signed by Netskope.

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TRAINER:

Netskope Authorized Instructor

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