

Network Flow Analysis 10.x: Implementation 200

Course Summary

Description

The Network Flow Analysis 10.x Implementation 200 course covers the pre-installation, installation, and configuration steps needed for the Network Flow Analysis. It also covers how you need to verify that the installation occurred successfully.

Once the Network Flow Analysis has been successfully installed, there are several customization tasks to be performed within the NFA console. These customizations will ensure that you will get the best results from the reports that are available to the users. In this course, you will also learn how to develop and create several groups to control and monitor the appropriate interfaces in your environment.

Objectives

At the end of this course, students will be able to:

- Review the installation requirements
- Install the components of Network Flow Analysis on a standalone Windows server
- Perform post-installation task
- Configure NetOps portal with Network Flow Analysis
- Perform configuration activities of Network Flow Analysis

Topics

- Course Introduction
- Network Flow Analysis – Introduction
- Deployment of Network Flow Analysis – Deployment of Architecture
- Data Types in Network Flow Analysis – Storage Data Types
- Installation Process
- Configuration and Aggregation

Prerequisites

Students should have familiarity with IP networking and routers and switches.

Duration

Two days

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Course Outline

- I. *Course Introduction*
 - A. This course will help Implementers to successfully install and configure Network Flow Analysis Solution
 - B. Information about education, documentation, and social media channels

- II. *Network Flow Analysis - Introduction*
 - A. Overview of Network Flow Analysis (NFA)
 - B. Why you need NFA?
 - C. Results produced by NFA
 - D. Capabilities of NFA

- III. *Deployment of Network Flow Analysis – Deployment of Architecture*
 - A. How to deploy Network Flow Analysis
 - B. Network Flow Analysis Terms (IP Flow Record, Netflow and its types)
 - C. Introduction to IPFIX
 - D. Options for Enabling Flow Data
 - E. Introduction to Types of Service (ToS)

- IV. *Data Types in Network Flow Analysis – Storage Data Types*
 - A. Types of Data
 - B. Data Storage and its Duration
 - C. Pre-Installation steps

- V. *Installation Process*
 - A. Install the components of Network Flow Analysis on a standalone Windows server
 - B. Perform essential post-Installation Tasks
 - C. Configure NetOps Portal to work with Network Flow Analysis

- VI. *Configuration and Aggregation*
 - A. Perform customization tasks in the NFA console
 - B. Work with interfaces
 - C. User accounts
 - D. Backup and restore