

## SolarWinds: Network Management and Monitoring

Length: 4 Days

### COURSE CONTENT

#### Course Components

#### 🔄 Day 1: Network Performance Monitor

- Orion Architecture Best Practices
  - Primary Polling Engine
  - Additional Polling Engines
  - Additional Web Engines
  - SQL Server
- Discovery of Nodes in the Enterprise
- Out-of-the-Box Monitoring vs. Custom Pollers
  - Creation of Universal Device Pollers
  - Creation of Custom Device Studio Pollers
- NetPath Configuration
- Network Insight for F5 devices overview

#### 🔄 Day 2: Network Configuration Manager; NetFlow Traffic Analyzer

- Installation and initial Configuration of NCM
  - Creating Customized Device Templates
  - Creating Customized Configuration Change Templates
- Installation and initial Configuration of NTA
  - NetFlow design theories
  - Configuration of NetFlow on common Cisco devices using both CLI and NCM

#### 🔄 Day 3: IP Address Manager; User Device Tracker; VoIP and Network Quality Manager; Dashboards and Views

- Installation and initial Configuration of IPAM
  - Importing IPAM data Best-Practices and Caveats
- Installation and initial Configuration of UDT
  - Endpoint Monitoring design theories
- Installation and initial Configuration of VNQM
  - Creating IP SLA Operations on Cisco devices using the CLI, NCM, and VNQM  
\*\*\*Note that Call Manager monitoring is not covered in this course (It is covered in Orion 101)
- Creating Custom Resources in the SolarWinds Orion website
- Common NOC View designs for the enterprise
- Installation and initial Configuration of NTM
  - Network Scanning and Reporting

#### 🔄 Day 4: Custom SQL Alerts and Reports

- Introduction to the Transact-SQL language and basic queries
- Introduction to the Orion SQL Database schema
- Custom SQL Reporting using both the Web Report Engine and the Orion Report Writer application
- Custom SQL Alerts using the Web Alert Engine