

Introduction to SolarWinds

Length: 5 Days

COURSE CONTENT

Day 1: Orion Platform and Network Performance

Monitor

- Orion Platform Architecture
 - * Application Server Requirements
 - * SQL Server Requirements
- Installation of NPM
 - *Orion Configuration Wizard

Core Components Overview

- *Orion Network Sonar Discovery
- *Orion Basic Polling Methods
 - *ICMP
 - *SNMP
 - *WMI - Optional Windows & Linux

Agents

- User Accounts
 - *Custom Properties
 - *Orion Groups
 - *Orion Dependencies
 - *Integrated Virtual Infrastructure
 - *Monitoring (IVIM)
 - *Syslogs and SNMP Traps

Day 2: Network Performance Monitor cont.

NPM Overview

- *NetPath
- *Network Insight for F5 BIG-IP
- *Wireless Monitoring
 - *Cisco UCS API Integration
 - *Cisco Switch Stack Monitoring
- *Universal Device Pollers
 - *NPM Polling Settings and Data Retention

Day 3: NetFlow Traffic Analyzer; Network

Configuration Manager

- *Installation of NTA
 - *NTA Flow Storage Database (FSDB)

Considerations

- *Overview of Flow Technologies and Cisco NBAR2
- *NetFlow configuration example on Cisco device(s)

* NTA Overview

- *IP Address Groups
- *Custom Application monitoring
- *CBQoS monitoring
- *NTA Flow Navigator searches

*Installation of NCM

*NCM Overview

- *NCM User Permissions
- *Adding Nodes to NCM
 - *NCM Connection Profiles
 - *NCM Device Templates
- *NCM Jobs and Scheduling Backups
- *Executing Scripts and Bulk Changes
- *Real-Time Configuration Change
- *Detection

* Compliance Policy Reports

- *End of Sales/End of Support management

* Cisco Firmware Vulnerabilities Reporting Introduction to Configuration Change Templates

Day 4: Server and Application Monitor, Alerting, Reporting; Maps; View Customizations

- *Installation of SAM
- *SAM Overview
 - *SAM User Permissions
 - *Applnsight Templates for Microsoft SQL, Exchange, and IIS
 - *Windows Scheduled Task Monitoring
 - *Understanding SAM Component Types
 - *Managing Application Templates and Assigning Monitors
- *Orion Alerting Overview
 - *Web-based Alert Engine
- *Orion Reporting Overview
 - *Orion Report Writer application
 - *Web-based Report Engine
- *Orion Maps
 - *Network Atlas and Wireless Heat Maps
 - *Worldwide Map Resource
- *Orion View Management
 - *Custom View Creation
 - *NOC View Designs

Day 5: IP Address Manager; User Device Tracker; VoIP and Network Quality Manager

- *Installation of IPAM
- *IPAM Overview
 - *IPAM User Permissions
 - *Importing Subnets and IP Addresses
 - *DHCP Management
 - *DNS Management
- *Installation of UDT
- *UDT Overview
 - *Adding Nodes and Ports to UDT
 - *Mapping Ports to Hostname, MAC Address, and IP Addresses
 - *Monitoring Active Directory Domain Controllers for User Login Data
- *Installation of VNQM
- *VNQM Overview
 - *IP SLA Overview
 - *Configuration examples for both the Cisco CLI and VNQM GUI
 - *Adding existing IP SLA Operations to monitoring
 - *Call Manager Monitoring
 - *Cisco vs. Avaya requirements