

SolarWinds: System Monitoring and Maintenance

Length: 4 Days

COURSE CONTENT

Course Components

☞ Day 1: Server and Application Monitor

- Orion Architecture Best Practices
 - Primary Polling Engine
 - Additional Polling Engines
 - Additional Web Engines
 - SQL Server
- Discovery of Applications in the Enterprise
- AppInsight Templates vs. Standard Templates
 - AppInsight for IIS and AppInsight for SQL applied
- Custom Script Component Monitors
 - Hands-On creating custom PowerShell script monitors
- Baselining and Thresholds for Application Alerts

☞ Day 2: Database Performance Analyzer; Website Performance Monitor

- Installation and Initial Configuration of DPA
- Integration of DPA with Orion and SAM
- Overview of DPA Capabilities
 - Monitoring Waits and Blocks
 - Alerting and Reporting from the DPA Web Console
- Installation and Configuration of WPM
- Overview of WPM Capabilities
 - User-Experience Monitoring Theories
 - Creating WPM transactions
 - Alerting and Reporting with WPM data

☞ Day 3: Virtualization Manager; Storage Resource Monitor; AppStack View; Application Maps

- Installation and initial Configuration of VMAN
- Integration of VMAN with Orion
 - VMAN Management, Alerting, and Reporting from the Orion platform
- Installation and Configuration of SRM
- Alerting and Reporting with SRM data
- Using Network Atlas to create hybrid application maps for the enterprise
- SolarWinds AppStack view overview

☞ 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