SolarWinds Advanced Automation

Duration: 2 Days Course Code: SOLWAA

Overview:

This SolarWinds Advanced Automation class is designed to introduce seasoned SolarWinds administrators to the powerful world of the SolarWinds SDK and API.
Unlock the potential of SolarWinds automation, gain hands-on experience with the SDK and API, and elevate your SolarWinds administration capabilities.
Topics covered in this advanced class include an in-depth exploration of the **Orion SDK**, working with **SolarWinds Query Language (SWQL)**, and leveraging **PowerShell** to automate common administrative tasks within the Orion platform. These skills will enable participants to build more powerful, efficient, and scalable automation solutions in their SolarWinds environments.
Updated Aug2025

Target Audience:

This program is ideally suited for: Students with at least six months of hands-on experience in SolarWinds Network Performance Monitor (NPM) and/or Server & Application Monitor (SAM) administration, Students who have successfully completed the Loop1 SolarWinds Advanced Platform Administration class.

Objectives:

- This specialized class covers the following SolarWinds modules:
- Network Performance Monitor (NPM)
- Server & Application Monitor (SAM)
- Network Configuration Manager (NCM)

Prerequisites:

This class assumes students possess a foundational understanding of Element polling, the Orion database schema, and are proficient in navigating the SolarWinds web console.

In addition, attendees should have a good understanding of **querying syntax** (such as SQL or SWQL) and **PowerShell scripting**, as these will be used extensively throughout the class.

Testing and Certification

SolarWinds Certified Professional (SCP) Exam Preparation

Please note that this class is not specifically structured as an SCP exam preparation class.

Content:

Day 1

- Introductions
- L1M3 Overview
- SolarWinds Database Overview
- Database Manager (LAB)
- SWQL and SWIS Overview
- SWQL Studio (LAB)
- SWQL Custom Widgets (LAB)
- SolarWinds SDK Overview
- PowerShell Overview
- PowerShell ISE (LAB)
- VS Code and PowerShell Overview
- VS Code and PowerShell (LAB)

Day 2

- Real World Automation Examples
- Element Creation (LAB)
- Element Management (LAB)
- Deleting Elements (LAB)
- Polling Engine Management (LAB)
- Custom Poller Management (LAB)
- Application Management (LAB)
- NCM Automation (LAB)

NB: L1M3 stands for Loop1 Monitoring Maturity Model (pronounced Lime)

Additional Information:

Purpose-Built Lab Environment

When you attend one of our SolarWinds Public Training classes, you gain exclusive access to our pre-built training lab environment. This resource is tailored to each module being taught, allowing you to roll up your sleeves and dive into practical, real-world scenarios. With guided lab exercises, you'll have the opportunity to apply what you've learned in a controlled environment, reinforcing your understanding and honing your skills.Official course book provided to participants.

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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