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Sign up

SolarWinds training: Observability and IT management platform

4 days (28 hours)

Presentation

Discover our SolarWinds training course, a technology that will immerse you in the world of observability and IT management.

With this platform, you benefit from proactive network performance monitoring, centralized device management and threat detection.

Optimize the resources of you and your teams, by automating your most recurring management tasks, such as generating reports, configuring peripherals or monitoring performance.

SolarWinds has the ability to provide in-depth analysis via customizable dashboards and detailed reports. This can help you identify trends and implement improvement strategies for your IT infrastructure.

As with all our training courses, this one will introduce you to the [latest version](#) of the platform (at the time of writing).

Objectives

- Learn how to configure and deploy SolarWinds
- Automate management tasks
- Implement a proactive incident management strategy
- Interpret data in reports generated by SolarWinds

Target audience

- Cybersecurity Analyst
- Network engineers
- System administrators

Prerequisites

- Basic knowledge of networks and computer systems
- Experience in system administration

OUR SOLARWINDS TRAINING PROGRAM

INTRODUCTION TO SOLARWINDS AND ITS SUITE

- SolarWinds overview
- Exploring SolarWinds products and their applications
- Understanding the architecture and key components of SolarWinds solutions
- The importance of network monitoring and IT management
- Overview of use cases and real-life scenarios

NETWORK MONITORING AND MANAGEMENT

- Configuring SolarWinds Network Performance Monitor (NPM)
- Techniques for monitoring network health and performance
- Design and management of alerts and events for maximum responsiveness
- Use dashboards and reports for complete visibility
- Practical exercises on network troubleshooting scenarios

CONFIGURATION MANAGEMENT

- Automate configuration backups and restore network devices
- Implementation of compliance policies and proactive change management
- Strategies for responding to audits and reinforcing security policies
- Use the advanced features of SolarWinds Network Configuration Manager (NCM) to simplify management
- Case studies: Configuration management in complex environments

LOG ANALYSIS

- Using SolarWinds LOG & Event Manager (LEM)
- Collecting logs and understanding analysis mechanisms
- Event correlation techniques for rapid incident response
- Create customized reports
- Study of LEM integration with other monitoring tools
- Simulation of computer attacks and incident response scenarios

SAFETY MONITORING

- Implementation and optimization of SolarWinds Security Event Manager (SEM) for security monitoring
- Real-time threat identification and anomaly investigation
- Integration of SEM with SIEM systems and other security tools
- Development of threat detection and mitigation strategies
- Practical workshops on security incident management

INFRASTRUCTURE MANAGEMENT

- Monitoring critical servers and applications with SolarWinds Server & Application Monitor (SAM)
- Techniques for performance management and resource optimization
- Alert configuration and proactive problem resolution
- Customize views and dashboards

TASK AUTOMATION

- Use scripts and APIs to automate recurring tasks with SolarWinds Orion Platform
- Integration techniques with other IT systems and enterprise applications
- Advanced customization of dashboards and creation of customized reports
- Development of customized automation scripts

STRATEGIES FOR SECURING THE ENVIRONMENT

- Securing SolarWinds configurations and platforms
- Access and privilege management for enhanced security
- Continuous monitoring techniques for early detection of anomalies
- Building a comprehensive IT security strategy with SolarWinds

Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or learning difficulties.

in-company security (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.