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IBM Tivoli Network Manager IP Edition 4.1 Operations and Administration
Information

Length: 5.0 Days
Ref: TN324G-X
Delivery method: Classroom
Price: EUR

Overview

This course covers the installation, configuration, use, customization, integration of Tivoli Network Manager 4.1 with Netcool/OMNIbus, and network monitoring using the Network Manager Pollers. It consists of approximately 40% lecture and 60% hands-on exercises. The course begins with a basic overview of product components and their associated functions. You configure Tivoli Network Manager and perform a full discovery of simulated networks. To further understand the intricacies of the discovery cycle, you customize discovery by changing the behavior of finders and agents. You also learn to create real-time MIB graphs, control polling behavior, connect isolated networks through manual map editing, and use the reporting functions of IBM Tivoli Network Manager.

Public

This intermediate-level course is for administrators or integrators who are responsible for configuring and using Tivoli Network Manager.

Prerequisites

You should have:

- Skills in basic Linux shell script editing using vi or gedit
- Understanding of the function of routers and switches and layers 2 and 3 of the Open Systems Interconnect (OSI) model

Objective

- Install IBM Tivoli Network Manager 3.9 as a non-root user
- Navigate the Network Manager interface
- Describe discovery in the context of Tivoli Network Manager IP Edition
- Configure and run a network discovery
- Schedule automatic full discoveries
- Use the data collector
- Build and use discovery filters

- Troubleshoot discovery issues
- Build network partition views
- View device link status and capacity information
- Manually instantiate undiscovered devices and connections.
- Use the Topoviz Hop View and Network Partition view
- Create a network view with multiple domains
- Configure and customize Network Manager polling behavior
- Schedule event-based reports
- View asset and discovery reports
- Perform stitcher customizations to add custom data to a discovery
- Configure adaptive polling
- Configure database access
- Configure a custom report
- Schedule a report snapshot

Topics

- Introduction and architecture
- Discovering networks
- Topology and event views
- Monitoring and polling
- Discovery stitcher customization
- Topology visualization customizations
- The gateway and network fault isolation
- Failover
- Tivoli Network Manager reports
- Administrative Perl scripts