iMC Essentials for Network Administrators

Cursusduur: 5 Dagen   Cursuscode: HL048S

Beschrijving:

This HPE iMC training course covers monitoring and managing a computer network with HPE Intelligent Management Center Software Platform (IMC) version 7.3. This course discusses installation, adding devices, viewing and managing both firmware and configuration, managing alarms and VLANs. It also teaches compliance, ACL, virtualization, and performance management, plus Network Traffic Analyzer and Zero Touch Provisioning. The hands-on laboratory exercises monitor and manage ArubaOS Switch, ArubaOS-CX, Comware, Cisco, Arista, pfSense firewall, Windows server, VMware ESXi, and Linux server.

This course is the combination of: H9TB1S: Managing HPE IMC I: Implementation Fundamentals (3 days)H9TB2S: Managing HPE IMC II: Compliance Policies and Performance Management (2 days)

Doelgroep:

Network engineers and administratorsNetwork architects and consultants

Doelstelling:

- By the end of the course, you should be able to meet the following objectives:

- Describe IMC's software structure HL048S 5 Days ILT, VILT View now View now

- Describe the protocols IMC uses to monitor and manage devices

- Discover devices automatically and add devices manually

- View the managed devices in multiple ways

- Manage device configurations and firmware

- Automate device configuration changes

- Monitor the network's performance

- Discover the new Desktop User Interface

- Discover the Quick Service Process

- Discover and isolate faults in your environment

- Make configuration changes to your computing environment

- Authenticate users with 802.1X and UAM

- Manage the performance of your environment

- Increase the security of your environment

Vereiste kennis en vaardigheden:

Learners should have networking experience to get the most from this training course.

Cursusinhoud:

Module 1: Compliance and Intelligent Policy Center

- Create a policy and have IMC check for a policy violation on managed devices
- Have IMC perform an additional action based on a generated alert.

Module 2: ACL Management

- ACL assistant feature
- Managing ACL templates
- Managing ACL resources
- Managing device ACL configurations
- Deploying ACLs using IMC's ACL deployment wizard

Module 3: Virtualization Management

- An introduction to virtualization
- Adding virtual hosts to IMC
- Using Virtual Resource Manager (VRM)
- An introduction to managing virtual devices in VRM

Module 4: Performance Management

- Describe the types of performance metrics that a network administrator can monitor using IMC
- Analyze the performance characteristics being tracked by IMC
- View, interpret, and configure performance widgets in the IMC home window
- Describe the difference between global index settings and individual device monitoring settings
- Configure individual device monitoring settings • Use topology maps to access device performance metrics
- Configure topology maps to display specific performance metrics
- Describe the difference between global index data and real-time monitoring data
- Configure real-time performance data

Module 5: Network Traffic Analyzer (NTA)

- Understanding traffic monitoring and NTA's capabilities
- Configuring networking devices for NTA
- Configuring NTA for traffic analysis and auditing
- Using host session monitoring
- Setting up and using interface monitoring
- Setting up NTA widgets on the home window
- Performing traffic log audits

Module 6: Zero Touch Provisioning

- Create configuration template for the device final configuration
- Create configuration template for the device ZTP initial configuration
- Create a Auto Deployment Plan and have IMC deploy Zero Touch Provision
- IMC will automatically add the new device.

Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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