Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Veritas NetBackup IT Analytics 11.2: Administration

CODE:	LENGTH:	PRICE:
VER_NBITA_112_ADMIN	40 Hours (5 days)	€3,125.00

Description

Course Description

Acquire the skills to gain unified insights for multi-vendor backup, storage, cloud, and virtual infrastructure in heterogeneous IT environments with the Veritas NetBackup IT Analytics 11.2: Administration course. You will learn about the general principles, deployment, configuration, and management of Veritas NetBackup IT Analytics. The course also covers how to best utilize Veritas NetBackup IT Analytics for comprehensive IT analytics to deliver actionable insights through a single-pane-of-glass across on-premises, hybrid, and multi-cloud environments.

Delivery Methods

This course is available in the following delivery methods:
• Instructor-led training (ILT)

Hands-On

This course includes practical hands-on lab exercises to apply your new skills in a virtual NetBackup IT Analytics environment.
Duration

• Instructor-led training - ILT: 5 days, including 6 months of lab access

Objectives

After completing this course, you will be able to:

• Describe the architecture of NetBackup IT Analytics.
• Explain how NetBackup IT Analytics works in Cloud and on-premise environments.
• Install the Portal on a Windows and Linux server.
• Install NetBackup IT Analytics Data Collectors.
• Understand the NetBackup IT Analytics Portal.
• Manage and monitor Hosts, Backup Servers, and Host Groups.
• Collect data for Capacity and File Analytics.
• Collect data for Backup, Virtualization, and the Cloud.
• Collect data for Fabric Manager.
• Create different types of reports and report templates.
• Manage, share, schedule, and organize reports.
• Work with and manage Alert policies.
• Manage and monitor NetBackup IT Analytics.
• Provide an overview of the Storage Optimization solution and Risk Mitigation solutions.
• Create Dynamic Templates using the Dynamic Template Designer.
• Describe the functionality and use of the SQL Template Designer.
• List the use of log files, supported configurations, and rules.

Audience

This course is intended for technical professionals responsible for the design, configuration, day-to-day operations, monitoring, and support of Veritas NetBackup IT Analytics.

Programme

Introducing NetBackup IT Analytics
• IT Analytics Concepts
• NetBackup IT Analytics Overview
• NetBackup IT Analytics: Architecture and Components

Installing the NetBackup IT Analytics Portal
• Certified Configurations
• Licensing Overview
• Installing the Portal on a Linux Server
• Installing the Portal on a Windows Server
• Portal Server Ports
• Single Sign-on Overview
Labs:

• Exercise A: Installing Oracle Database Application Binaries
• Exercise B: Installing the Portal Application Binaries
• Exercise C: Installing the License Key File
Installing NetBackup IT Analytics Data Collectors
• Certified Configurations
• Installing the Data Collector on a Windows Server
• Installing the Data Collector on a Linux Server
• Manually Starting the Data Collector
• Checking the Data Collector Status in the Portal
• Data Collector Server Ports
Labs:
• Exercise A: Adding the Data Collectors
• Exercise B: Installing the Data Collectors
Working with the NetBackup IT Analytics Portal
• Understanding the NetBackup IT Analytics Portal
• Understanding Inventory
• Providing Portal Access and User Authentication
Labs:
• Exercise A: Using Search to Navigate the NetBackup IT Analytics Portal
• Exercise B: Filtering Data in Management Grids
• Exercise C: Working with Advanced Filters
• Exercise D: Selecting Columns on Management Pages
• Exercise E: Using the Inventory Navigator
• Exercise F: Creating Portal User Accounts
• Exercise G: Working with User Groups
Managing Hosts, Backup Servers, and Host Groups

• Understanding Hosts, Backup Servers, and Host Groups
• Managing Host Groups
• Managing Backups
• Managing Attributes and Objects
Labs:
• Exercise A: Adding Host Groups
• Exercise B: Assigning a New Host/Server to a Host Group
• Exercise C: Managing Host Groups
• Exercise D: Decommissioning and Recommissioning Hosts and Backup Servers
• Exercise E: Adding and Managing Attributes
Collecting Data for Capacity and File Analytics
• Data Collection Basics
• Data Collection for Capacity: Overview
• Configuring Data Collection for Capacity (NetApp)
• Working with Host Data Collection
• Data Collection for File Analytics: Overview
• Configuring File Analytics Data Collection
• Analyzing Files
Labs:
• Exercise A: Creating a NetApp User with API Privileges
• Exercise B: Adding a NetApp Data Collector Policy
• Exercise C: Adding a File Analytics Data Collector Policy
• Exercise D: Configuring Host Discovery and Collection
• Exercise E: Verifying Data Collection in the Portal
Collecting Data for the Cloud

• Data Collection for Cloud Overview
• Configuring Data Collection for AWS
• Configuring Data Collection for MS Azure
• Configuring Data Collection for Google Cloud Platform
• Configuring Data Collection for OpenStack Ceilometer
• Configuring Data Collection for OpenStack Swift

Labs:

• Exercise A: Collecting Data from Amazon Web Services Resources
• Exercise B: Collecting Data from Microsoft Azure Resources

Collecting Data for Backup

• Data Collection for Backup: Overview
• Configuring Data Collection for Veritas Backup Exec
• Configuring Data Collection for Veritas NetBackup
• Backup Performance Dashboard
• Data Collection for NetBackup Appliances

Labs:

• Exercise A: Adding a Veritas Backup Exec Data Collector Policy
• Exercise B: Adding a Veritas NetBackup Data Collector Policy
• Exercise C: Validating Data Collection

Collecting Data for Virtualization

• Data Collection for Virtualization: Overview
• Configuring Data Collection for VMware
• Configuring Data Collection for Microsoft Hyper-V
• Configuring Data Collection for IBM VIO

Labs:

• Exercise A: Adding a VMware Data Collector Policy
• Exercise B: Manually Running the VMware Data Collection
• Exercise C: Adding a Microsoft Hyper-V Data Collector Policy
• Exercise D: Manually Running the Hyper-V Data Collection

Working with Reports

• Working with Reports
• Understanding Report Data Caching and Badging
• Generating Reports
• Maintaining Reports
• Working with Ransomware Reports

Labs:

• Exercise A: Navigating through Reports
• Exercise B: Selecting Report Scope
• Exercise C: Configuring Report Scope with Attributes
• Exercise D: Searching for Hosts in the Report Scope Selector
• Exercise E: Generating Reports
• Exercise F: Advanced Filtering for Tabular Reports
• Exercise G: Accessing NetBackup IT Analytics Reports with Out-of-the-Box Dashboards
• Exercise H: Accessing NetBackup IT Analytics Reports with the REST API
• Exercise I: Modifying and Deleting Saved Report

Sharing, Scheduling, and Organizing Reports

• Sharing, Scheduling, and Alerting
• Organizing Reports

Labs:

• Exercise A: Exporting and Emailing Reports and Dashboards
• Exercise B: Scheduling Exported and Emailed Reports and Dashboards
• Exercise C: Viewing and Managing Scheduled Reports
• Exercise D: Sharing Reports, Dashboards, and Folders
• Exercise E: Setting Up Alerts for Tabular Reports

Viewing and Using Alerts

• Working with Alerts
• Managing Alert Notifications

Labs:

• Exercise A: Managing Alert Policies
• Exercise B: Managing Report-based Alerts
• Exercise C: Suppressing and Viewing Suppressed Alerts

Managing and Monitoring NetBackup IT Analytics

• Configuring Primary Schedules and Backup Windows
• Adding Policies
• Customizing with Advanced Parameters
• Managing the Portal Environment
• Managing and Monitoring Data Collection

Labs:
• Exercise A: Configuring Primary Schedules and Backup Windows
• Exercise B: Adding and Editing Policies
• Exercise C: Managing and Monitoring Data Collection
Solutions Administration
• Storage Optimization Solution
• Risk Mitigation Solution
Labs:
• Exercise A: Configuring and Enabling Storage Optimization Rules
• Exercise B: Configuring Risk Mitigation Rules
Working with the Dynamic Template Designer
• Working with the Dynamic Template Designer
• Configuring Different Templates
Labs:
• Exercise A: Modifying the Dynamic Template
• Exercise B: Creating a Dynamic Template
• Exercise C: Configuring a Bar Chart Dynamic Template
• Exercise D: Configuring a Pie Chart Dynamic Template
Working with the SQL Template Designer
• Working with the SQL Template Designer
• SQL Template Designer: Advanced Options
Labs:
• Exercise A: Creating a SQL Template
• Exercise B: Formatting the SQL Template Output
• Exercise C: Saving and Sharing Report Templates
Appendix A: NetBackup Log Files, Supported Configurations, and Rules
• Portal Server Log Files
• Data Collector Log Files
• Data Collection - Host Resources Supported Configurations
• Data Collection for Backup: Backup Solutions and Versions
• Storage Optimization Rules and Logic
• Risk Mitigation Rules
Appendix B: Collecting Data for Fabric Manager
• Fabric Manager: Overview
• Data Collection for Fabric Manager
• Configuring Data Collection for Fabric Manager

Session Dates

On request. Please contact us

Additional Information

This training is also available as onsite training. Please contact us to find out more.