

Veritas APTARE IT Analytics 10.3: Administration

Course Summary

Description

The Veritas APTARE IT Analytics course includes both lecture and hands-on experience. You will learn the general principles, deployment, configuration, and management of APTARE IT Analytics, how to best utilize it for comprehensive IT analytics, and to deliver actionable insights through a single-pane-of-glass across on-premises, hybrid, and multi-cloud environments.

Objectives

After completing this course, you will be able to:

- Describe the functionality of APTARE IT Analytics and the business problems that it solves
- Explain how APTAREIT Analytics works in Cloud and On-Prem environments
- Describe the license structure for the Backup Manager and the Storage Management Suite
- Describe Oracle license rules
- Obtain and install a license key
- Install the Portal on a Windows and Linux server
- Describe the elements, functions, and navigate through the APTARE IT Analytics Portal
- Provide User Access to the Portal and list the Portal user types and user privileges
- Describe Inventory privilege
- Collect data for backup and configure the Backup Manager
- More on Aptare IT Analytics Datasheet

Topics

- Introducing APTARE IT Analytics
- Getting Acquainted with APTARE IT Analytics Licensing
- Installing the APTARE IT Analytics Portal
- Working with APTARE IT Analytics Portal
- Installing the Collecting Data for Backup
- Installing the Collecting Data for Capacity and the Cloud
- Installing the Collecting Data for Virtualization
- Managing Hosts, Backup Servers and Host Groups
- Getting Acquainted with Reports
- Sharing, Scheduling and Organizing Reports
- Viewing and Using Alerts
- Managing and Monitoring APTARE IT Analytics
- Solutions Administration
- Advanced Sizing and Server Considerations
- Working with the Dynamic Template Designer
- Working with the SQL Template Designer

Prerequisites

Students should be familiar with network, backup, storage, cloud (on-premises, hybrid, and multi cloud environments), and database concepts. Administration and configuration of Windows or Linux operating systems is required. Knowledge of IT Analytics is not required, but preferred.

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Course Summary (cont.)

Audience

This course is intended for technical professionals responsible for the design, configuration, operation, monitoring, and support of APTARE IT Analytics.

Duration

Five Days

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Course Outline

I. *Introducing APTARE IT Analytics*

- A. APTARE IT Analytics: Overview
- B. APTARE IT Analytics: Architecture and components

II. *Getting Acquainted with APTARE IT Analytics Licensing*

- A. Licensed Modules
- B. APTARE IT Analytics: Licensing Overview

III. *Installing the APTARE IT Analytics Portal An overview of serverless stack build and deploy options*

- A. APTARE Portal Sizing
- B. Portal and Database Servers
- C. Installing the Portal on a Linux Server
- D. Installing the Portal on a Windows Server
 - Labs
 - Exercise A: Installing Oracle Database Application
 - Binaries
 - Exercise B: Installing the Portal Application Binaries
 - Exercise C: Installing the Database Schema
 - Exercise D: Installing the License Key File

IV. *Working with APTARE IT Analytics Portal*

- A. Understanding the APTARE IT Analytics Portal
- B. Providing Portal Access and User Authentication
- C. Understanding Inventory
 - Labs:
 - Exercise A: Using Search to navigate across the APTARE 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

V. *Installing the Collecting Data for Backup*

- A. Introduction
- B. Backup Manager Configurations
- C. Pre-Installation Setup for Veritas Backup Exec
- D. Pre-Installation Setup for Veritas NetBackup
- E. Discovery Policies for Veritas NetBackup
- F. Installing Data Collectors
- G. Validating Data Collection
- H. Uninstalling the Data Collector
 - Labs:
 - Exercise A: Adding Data Collectors
 - Exercise B: Installing the Data Collector
 - Exercise C: Adding Data Collector Policies
 - Exercise D: Validating Data Collection

VI. *Installing the Collecting Data for Capacity and the Cloud*

- A. Data Collection for Capacity Overview
- B. Data Collector Installation Guide for the Cloud
- C. Pre-Installation Setup for Amazon Web Services
- D. Pre-Installation Setup for Microsoft Azure
- E. Validating Data Collection

VII. *Managing Hosts, Backup Servers and Host Groups*

- A. Hosts, Backup Servers and Host Groups
- B. Managing Attributes and Objects

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Course Outline (cont.)

Labs

- Exercise A: Adding Host Groups
- Exercise B: Assigning a new host/server to a Host Group
- Exercise C: Managing Host Groups
- Exercise D: Decommission/Recommission Hosts and Backup Servers
- Exercise E: Adding and Managing Attributes
- Exercise D: Sharing Reports, Dashboards and Folders
- Exercise E: Setting up Alerts for Tabular Reports

VIII. Getting Acquainted with Reports

- A. Working with Reports
- B. Generating Reports
- C. Maintaining 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: Modifying and deleting saved Reports

IX. Sharing, Scheduling and Organizing Reports

- A. Distributing, Sharing, Scheduling and Alerting
 - B. Organizing Reports
 - C. Understanding Report Data Caching
- #### Labs
- Exercise A: Exporting and Emailing Reports and Dashboards
 - Exercise B: Scheduling Exported and Emailed Reports and Dashboards
 - Exercise C: Scheduling Exported and Emailed Reports and Dashboards

X. Viewing and Using Alerts

- A. Working with Alerts
 - B. Managing Alert Notifications
- #### Labs
- Exercise A: Configuring Master Schedules and Backup Windows
 - Exercise B: Adding and Editing Policies
 - Exercise C: Managing and Monitoring Data Collection

XI. Managing and Monitoring APTARE IT Analytics

- A. Configuring Master Schedules and Backup Windows
 - B. Adding and Editing Policies
 - C. Managing and Monitoring Data Collection
- #### Labs
- Exercise A: Configuring Master Schedules and Backup Windows
 - Exercise B: Adding and Editing Policies
 - Exercise C: Managing and Monitoring Data Collection

XII. Solutions Administration

- A. Storage Optimization Solution Overview
 - B. Risk Mitigation Solution Overview
- #### Labs
- Exercise A: Configuring and Enabling Storage Optimization Rules
 - Exercise B: Configuring Risk Mitigation Rules

XIII. Advanced Sizing and Server Considerations

- A. APTARE Data Collector Sizing
- B. Data Collector Server Configurations
- C. Capacity Manager Configurations
- D. File Analytics Configurations
- E. Fabric Manager Configurations
- F. Internal TCP Port Requirements

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Course Outline (cont.)

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

XIV. Working with the Dynamic Template Designer

- A. Working with the Dynamic Template Designer
- B. Configuring Different Dynamic Templates

Labs

- Exercise A: Modifying an Out-of-the-Box Dynamic Template
- Exercise B: Creating a Dynamic Template
- Exercise C: Configuring a Bar Chart Dynamic Template
- Exercise D: Configuring a Pie Chart Dynamic Template

XV. Working with the SQL Template Designer

- A. Working with the SQL Template Designer
- B. 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