



## COURSE DESCRIPTION

Acquire the skills to gain unified insights for multi-vendor backup, storage, and virtual infrastructure in heterogeneous IT environments with the *Veritas APTARE IT Analytics 10.3: Administration* course. 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.

### Delivery Method(s)

This course is available in the following delivery methods:

- [Instructor-led training \(ILT\)](#)
- [Virtual instructor-led training \(VILT\)](#)
- [Learning Lab](#)

### Duration

- Instructor-led training - ILT: 5 days, including 6 months of lab access
- Virtual instructor-led training - VILT: 5 days, including 6 months of lab access
- Learning Lab – Self-paced lesson guide plus 6 months of lab access

### Course Objectives

After completing this course, you will be able to:

- Describe the functionality of APTARE IT Analytics and how it works in Cloud and On-premise environments.
- Describe the license structure for the Data Protection and the Storage Management suite.
- Install the Portal on a Windows and Linux server.
- Install and work with APTARE IT Analytics Data Collectors.
- Manage and monitor Hosts, Backup Servers, and Host Groups.
- Collect data for Capacity and the Cloud.
- Collect data for Backup and Virtualization.
- Create different types of reports and report templates, manage, schedule and organize reports.
- Work with and manage Alert policies.
- Manage and monitor APTARE IT Analytics.
- Provide an overview of the Storage Optimization solution and Risk Mitigation solution.
- Create a Dynamic Template using the Dynamic Template Designer.
- Describe the functionality and use of the SQL Template Designer.

### Who Should Attend

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

### 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.

### Hands-On

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

## COURSE OUTLINE

### Introducing APTARE IT Analytics

- APTARE IT Analytics: Overview
- APTARE IT Analytics: Architecture and components

### Getting Acquainted with APTARE IT Analytics Licensing

- Licensed Modules
- APTARE IT Analytics: Licensing Overview

### Installing the APTARE IT Analytics Portal

- APTARE Portal Sizing
- Installing the Portal on a Linux Server
- Installing the Portal on a Windows Server
- Portal Server Ports

#### 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

### Installing the APTARE IT Analytics Data Collectors

- APTARE IT Analytics Data Collector Sizing
- Installing the Data Collector on a Windows Server
- Installing the Data Collector on a Linux Server
- Data Collector Server Ports
- Uninstalling the Data Collector

#### Labs:

- Exercise A: Adding Data Collectors
- Exercise B: Installing Data Collectors

### Working with APTARE IT Analytics Portal

- Understanding the APTARE IT Analytics Portal
- Understanding Inventory
- Providing Portal Access and User Authentication

#### 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

### Managing Hosts, Backup Servers and Host Groups

- Hosts, Backup Servers and Host Groups
- 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: Decommission/Recommission Hosts and Backup Servers
- Exercise E: Adding and Managing Attributes

## Installing the Collecting Data for Capacity and the Cloud

- Data Collection for Capacity Overview
- Configuring Data Collection for Capacity (NetApp)
- 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

## Installing the Collecting Data for Backup

- Data Collection: Overview
- Configuring Data Collection for Veritas Backup Exec
- Configuring Data Collection for Veritas NetBackup
- Discovery Policies for Veritas NetBackup

### 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

## Installing the Collecting Data for Virtualization

- Configuring Data Collection for VMware
- Configuring Data Collection for Microsoft Hyper-V

### Labs:

- Exercise A: Creating a VMware Read-Only User with Required Permissions
- Exercise B: Adding a VMware Data Collector Policy
- Exercise C: Manually running the VMware Data Collection
- Exercise D: Adding a Microsoft Hyper-V Data Collector Policy
- Exercise E: Manually running the Hyper-V Data Collection

## Getting Acquainted with Reports

- Working with Reports
- Generating Reports
- 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 report

## Sharing, Scheduling and Organizing Reports

- Distributing, Sharing, Scheduling and Alerting
- Organizing Reports
- Understanding Report Data Caching

### 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 APTARE IT Analytics

- Configuring Master Schedules and Backup Windows
- Adding Policies
- Customizing with Advanced Parameters
- Managing the Portal Environment
- 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

## 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 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

## 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

- Exercise D: Exporting and Importing SQL Templates

## **Appendix A: APTARE 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
- Configuring Different Dynamic Templates