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# Vantage Architecture Certification Guide

Covers features and functionality of Vantage Release 2.3 including the Advanced SQL Engine through release 17.10.

**Date:** 10-May-2023

# Teradata Vantage Architecture Certification Exam

## Purpose:

The purpose of these slides is to provide guidance (through links) that are relevant to each of the seven sections that make up the exam objectives.

The following pages provide an overview of the Vantage Architecture exam details as well as links by section to help those preparing to take the Vantage Architecture exam as well as for those that are interested in learning more on the topics.

The use and mastery of these links does not guarantee that you will pass the actual Teradata Certification exam.

# Teradata Vantage Architecture Certification Exam

## Exam Details:

- 2 hours in length
- No prerequisites
- Recommended experience: solution architects, data warehouse architects, enterprise architects, ecosystem architects, data architects, cloud architects, and technical architects with at least 5 years of Teradata Vantage and Database experience, along with 3 years of general experience as an Architect, and 2 years of public cloud experience.

## Exam Objectives:

- Available here

## Exam Preparation:

- Use the links in this slide deck along with the exam objectives and the sample questions.

## Exam Registration:

Register here. Exams can be taken at a Pearson Vue testing center or remotely at your home/office

# Vantage Architecture Exam

## Architecture Concepts

- [Blog - Analytics in the Hybrid Cloud – An Architect’s Perspective](#)
- [Blog - Is There a Geographic Component in Your Cloud Analytic Ecosystem?](#)
- [White Paper - Cloud-Based Architecture for Data and Analytics - Ventana Research](#)
- [Vantage Deployment Options](#)
- [Analytics Database Manuals](#)
  - [R and Python Support](#)
  - [Database Design](#)
  - [Database Introduction](#)
  - [User Guide](#)
  - [TPT User Guide](#)

# Vantage Architecture Exam

## Information Management and Data Governance

- What is MDM
- Analytics Database Manuals
  - Database Design
  - User Guide
  - TPT User Guide
  - SQL DML
  - Time Series
  - VAL User Guide
  - NOS Getting Started Guide

# Vantage Architecture Exam

## Performance Design

- Analytics Database Manuals
  - Database Design
  - Workload Management User Guide
  - AWS DIY Installation and Administration Guide
  - Azure Getting Started Guide

# Vantage Architecture Exam

## Data Integration

- Blog - Governing Data Across the Analytical Ecosystem
- Data Mesh and the Future of Enterprise Data Architectures
- Analytics Database Manuals
  - Database Design
  - SQL DML
  - BYOM User Guide
  - DATASET
  - JSON
  - XML

# Vantage Architecture Exam

## Data Security

- Analytics Database Manuals
  - Security Administration
  - NOS Getting Started Guide
  - Database Administration
  - AWS DIY Installation and Administration Guide
  - Azure Getting Started Guide
  - QueryGrid Installation and User Guide



# Vantage Architecture Exam

## Resiliency and Portability

- [Blog - Analytics in the Hybrid Cloud – An Architect’s Perspective](#)
- [Blog - Is There a Geographic Component in Your Cloud Analytic Ecosystem?](#)
- [Blog - Will a Few Milliseconds Ruin Your Analytics Performance in the Cloud?](#)
- [Analytics Database Manuals](#)
  - [Database Design](#)
  - [Database Introduction](#)
  - [TPT User Guide](#)
  - [AWS DIY Installation and Administration Guide](#)
  - [Azure Getting Started Guide](#)
  - [BCM User Guide](#)
  - [Data Mover User Guide](#)
  - [QueryGrid Installation and User Guide](#)

# Vantage Architecture Exam

## Information Delivery

- [Blog - Analytics in the Hybrid Cloud – An Architect’s Perspective](#)
- [Blog - Is There a Geographic Component in Your Cloud Analytic Ecosystem?](#)
- [Blog - Will a Few Milliseconds Ruin Your Analytics Performance in the Cloud?](#)
- [Data Mesh and the Future of Enterprise Data Architectures](#)
- [Analytics Database Manuals](#)
  - [R and Python Support](#)
  - [TPT User Guide](#)
  - [Database Administration](#)
  - [SQL DML](#)
  - [User Guide](#)
  - [QueryGrid Installation and User Guide](#)

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