

Teradata Vantage on VMware

Teradata Vantage

Enhance Business Agility by Leveraging Virtualization in Your Analytical Environment

Agility is a de-facto business standard of late. Many organizations are embracing it by creating a business model that allows them to quickly reflect customers' changing demands in their products and services. The key requirement of this business model is the ability to know and predict the changes through an agile and flexible analytical environment.

For many enterprise-level businesses, an agile analytical environment from the infrastructure point of view may pose a challenge. Some lack a simple way to acquire such an environment to support new application development or prototypes. For others, purchasing and configuring new hardware may be too long of a process. What businesses like yours need is a powerful analytic solution that is agile, flexible, and scalable while utilizing your existing virtualization infrastructure.

That's exactly what Teradata Vantage™ on VMware delivers: the ability to develop, test, and deploy production analytic environments on your existing virtualized platform. Vantage on VMware offers a flexible new way to enhance business insights and bring faster time to value by quickly deploying Vantage on a VMware environment.

Everything You Need in a Single Package

Vantage on VMware is a pre-installed and pre-configured virtual machine that packages Vantage software with the SUSE Linux Enterprise Server (SLES) operating system. This makes it fast and easy to deploy the world's leading analytics software on a virtual machine.

By taking advantage of your organization's existing VMware virtualization infrastructure and server pool,

you can quickly deploy a Vantage system through a VMware vSphere® PowerCLI script. The result: you realize the value of analytics immediately without having to acquire hardware.

Same Software—In a Virtual Environment

Long reputed as the foundation of the world's most successful data warehouses and analytical platforms, Vantage is designed for data analysis at scale and high-speed parallel processing. This proven, high-performance decision support software offers a full suite of data access and management tools along with world-class services based on Teradata's decades of experience in analytics. This unique combination of products and expertise provides a time-tested analytics solution that leads the industry.

Vantage also offers the lowest total cost of ownership (TCO) along with a simple, scalable, and self-managing solution for building a successful analytics environment. Its features and functions allow for high levels of performance and efficiency to handle your evolving workloads. Teradata Columnar, for example, offers extreme performance and automated, dramatic compression in a true hybrid row and column database. In addition, the Row Level Security option ensures that data access is provided only to those who have the proper authorization.

Vantage on VMware is exactly the same best-in-class analytic software as the other Vantage deployment options on-premises and in the cloud. This means you can choose and even combine deployment options based on your needs and requirements, without worrying about tailoring your existing queries and applications.

An Array of Use Cases

Vantage on VMware supports a variety of use cases:

- **Production:** Vantage on VMware offers a scalable and fully supported option for your production Vantage analytics platform. It is bundled with Vantage features such as Temporal, Geospatial, and Row Level Security as well as productivity features including Teradata Tools and Utilities and Teradata Viewpoint. It also includes workload and server management capabilities that provide robustness for your production environment. Using Vantage's unique shared-nothing, massively parallel processing (MPP) architecture, it provides an agile and flexible alternative to other Vantage on-premises and cloud deployment options.
- **Development and Testing:** It gives you the opportunity to perform data science projects or use a new Vantage feature without disrupting your ongoing production analytics activities. Plus, after the development and test activities, you can "discard" the system as quickly as you created it, with no long-term asset or cost implications. You now have the freedom to explore innovative ways to advance your business. You also have the flexibility to add capabilities without having to worry about extra costs or Teradata on-premises system allocation planning for tests and trials.
- **Product and New Feature Evaluation:** The Developer Tier of Vantage on VMware lets you evaluate the Vantage software and its features on a virtual server environment for free. It has the Vantage features pre-installed and available with no cost, making it easy to discover how you can bring extra capabilities and value to your analytical environment.

Why Teradata?

Teradata transforms how businesses work and people live through the power of data. Teradata leverages all of the data, all of the time, so you can analyze anything, deploy anywhere, and deliver analytics that matter most to your business. And we do it on-premises, in the cloud, or anywhere in between. We call this pervasive data intelligence. It's the answer to the complexity, cost and inadequacy of today's approach to analytics. Get the answer at [teradata.com](https://www.teradata.com).

For More Information

Find out more about how Teradata Vantage on VMware can add agility to your business and IT operations by contacting your local Teradata representative or visit [teradata.com/cloud/VMware](https://www.teradata.com/cloud/VMware).

To download the free evaluation edition of Teradata Vantage on VMware and other useful tools, visit [teradata downloads](#).

To learn more about Teradata Vantage and its latest features and capabilities, visit [teradata.com/vantage](https://www.teradata.com/vantage).