

Oracle Cloud VMware Solution (OCVS)

December 2021

OCVS Overview

Q. What is OCVS?

A. Oracle Cloud VMware Solution is based on the VMware SDDC (Software-Defined Data Center) architecture and provides a fully supported, customizable cloud environment for VMware deployments and migrations. The solution delivers a full-stack software-defined data center (SDDC), including VMware vCenter, ESXi, NSX, and vSAN.

Q. What specific uses cases can be leveraged on OCVS?

A. Specific use cases targeted by Oracle Cloud VMware Solution include datacenter and application migration, hybrid extension, on-demand capacity, data center evacuation and disaster recovery.

Q. Where is OCVS available?

A. OCVS is available in over 34 regions, including 5 governmental regions. OCVS can also be deployed as a Dedicated Region Cloud in a customer's data center or regional co-location provider.

Q. What certifications does OCVS have?

A. OCVS is included with the OCI certifications such as FedRamp High ATO, DISA IL5, HIPAA and PCI-DSS. The full list of compliance certifications and attestations can be found at <https://www.oracle.com/corporate/cloud-compliance>.

Q. Is OCVS a managed solution?

A. OCVS is not a 'managed' service. Instead, it is 'customer managed' and provides customers full administrative access and control. Customers control and manage all VMware operations and updates. However, the hardware and datacenter regions are managed by Oracle Cloud Infrastructure.

Q. Why would customers choose a non-managed service like OCVS?

A. Many enterprises have security mandates that require they have full root/admin password access to the underlying infrastructure. These customers also have requirements to maintain software versions and patching or want to continue leveraging current VMware resources to support their environment. An OCVS sovereign cloud allows enterprises to keep data regionalized or within country.

Q. What VMware software versions are currently supported on OCVS?

A. Current versions supported:

- vSphere ESXi 7.0, 6.7, 6.5
- vCenter 7.0, 6.7, 6.5
- vSAN 7.0, 6.7, 6.5
- NSX-T 3.0, 2.5
- HCX Advanced 4.0, 3.5
- HCX Enterprise

Q: What nodes are supported on OCVS?

A: OCVS uses DenseI052 nodes with the following specs:

- 52 Cores/host
- 768 Memory/host (GiB)
- ~51TB NVMe raw storage capacity

OCVS Economics

- Q. Is OCVS more cost-effective than running on-premises environments?
- A. [VMware Cloud Economics](#) TCO analyses have shown an average return on investment (ROI) of 27% when compared with similar 3-Tier, on-premises architectures over three-years.
- Q. How can I obtain a TCO analysis comparing on-premises to OCVS?
- A. TCO requests can be provided by filling out a [OCVS TCO Request Form](#).

OCVS Positioning

- Q. What makes OCVS a good fit for existing VMware customers?
- A. OCVS is a great solution for existing VMware customers with the following footprint:
- Current VMware estate of vSphere > 150 cores
 - Using Oracle Cloud native (OCI) solutions
 - Requires specific versions of vSphere and related components, with customer set upgrade schedule.
 - Using Oracle RAC or Exadata
- Q. How can partners resell this solution?
- A. Partners can buy the solution (Oracle Universal credits) directly from Oracle. Oracle universal credits are used to purchase OCVS.

- Q: What type of contract or purchase mechanism will I need to pay for OCVS?
- A. Oracle provides the pricing for OCVS. Pricing is based on hourly, monthly, 1-year and 3-year reserved instance (RI) options. OCVS is then consumed through Oracle Cloud Credits.
- Q. Am I able to use my existing Microsoft software licenses on the OCVS infrastructure (BYOL)?
- A: Microsoft currently maintains a list of cloud providers that are prohibited from supporting a Microsoft Bring Your Own Licensing (BYOL) model. As of November 1, 2021, Oracle has not been included on this list, thereby allowing customers to leverage the BYOL licensing model on OCVS.
- Q. Does Oracle provide any incentives for using OCVS?
- A: Oracle Universal credits and ULA2Cloud can be used on eligible Oracle Cloud Infrastructure (OCI) services which includes OCVS.
- Q. Where can I learn more about OCVS?
- A. The following resources provide more information about OCVS and how to get started:
- [Oracle VMware Cloud Solution Demo](#)
 - [Getting Started with Oracle Cloud VMware Solution](#)
 - [Oracle VMVault \(VMware Field Sales Internal\)](#)
- Q. Where can customers/partners submit non-TCO questions to?
- A. For general sales inquiries please reach out to OCVSSales@vmware.com.

VMware Tanzu Standard on Oracle Cloud VMware Solution

Q. What is VMware Tanzu?

A. Tanzu is VMware's modern apps brand which includes a portfolio of products and services for modernizing customer infrastructure and applications with cloud native technologies such as containers and Kubernetes.

Q. How is VMware Tanzu packaged and sold?

A. VMware Tanzu is currently available as packaged solutions: Tanzu Standard is for organizations that would like to have a complete solution for deployment and management of Kubernetes. Learn more about [VMware Tanzu Standard](#).

Q. Which of the Tanzu solutions are supported on Oracle Cloud VMware Solution?

A. Currently, Tanzu Standard Edition is the tested and supported edition on Oracle Cloud VMware Solution.

Q. Which VMware Tanzu Kubernetes Grid version is tested and supported on Oracle Cloud VMware Solution?

A. Please see the [Product Interoperability Matrix](#) for the latest supported version information.

Q. What is the licensing model for VMware Tanzu Standard?

A. VMware Tanzu Standard is available as a subscription license and is licensed on a per core basis for Hyperscalers.

Q. What are the key functionalities included in VMware Tanzu Standard?

A. VMware Tanzu Standard simplifies operation of Kubernetes for multi-cloud and hybrid-cloud deployment. It delivers an open source-aligned Kubernetes distribution with consistent operations and management to support customers' infrastructure and application modernization.

Tanzu Standard provides an enterprise-grade, open-source aligned Kubernetes runtime, powered by Tanzu Kubernetes Grid, which can be deployed across different environments — on-premises on vSphere and VMware Cloud Foundation, on hybrid clouds like Oracle Cloud VMware Solution, on native cloud like Azure and AWS, as well as at the edge. It also provides a global control plane, powered by Tanzu Mission Control Standard, to manage all your Tanzu Kubernetes Grid clusters, as well as any conformant clusters that you attach to it. With attached or provisioned clusters, you can centrally, consistently and efficiently manage policies. In addition, Tanzu Standard includes baseline monitoring with out of the box dashboards and the ability to integrate with Tanzu Observability.

To learn more, please see the [Tanzu Standard](#) web page and [solution brief](#).

Q. Which VMware Tanzu Mission Control version is included in the Tanzu Standard edition packaging and licensing?

A. Tanzu Mission Control is the product that powers the Global Control Plane of the Tanzu Standard edition. Tanzu Mission Control Standard version is included in the Tanzu Standard edition. To learn more about Tanzu Mission Control Standard version, check out this [comparison chart](#).

Q. Who sells VMware Tanzu Standard on Oracle Cloud VMware Solution?

A. VMware and its channel partners sell Tanzu Standard to customers.

Q. Who supports VMware Tanzu Standard on Oracle Cloud VMware Solution?

A. VMware provides support for Tanzu Standard.