Azure VMware Solution

General

Q. What is Azure VMware Solution?

A. Azure VMware Solution (AVS) is an infrastructure-as-a-service private cloud offering built on VMware Cloud Foundation stack and enables a fast path to the cloud, seamlessly migrating or extending existing VMware workloads from on-premises environments to Azure without the cost, effort or risk of re-architecting applications or retooling operations. It is a service sold and supported by Microsoft, backed and cloud verified by VMware.

Q. What VMware products are included with this solution?

A. Customers can maintain operational consistency as they accelerate a move to the cloud with the use of familiar VMware technology and tools including some of the latest versions of vSphere, NSX-T and vSAN. With additional features from HCX Enterprise, customers can further simplify their migration efforts to Azure including support for bulk live migrations.

Q. Can VMware workloads running in Azure integrate with other native Azure services?

A. Azure VMware Solution is a native Azure service and has native integration with Azure's broad ecosystem of services including DR, Backup, Azure Active Directory, Azure management and security services, Azure Cognitive Services and more.

Q. Where is Azure VMware Solution generally available today?

A. The service is currently available East US, West US, North Central US, Canada Central (Toronto), West Europe (Netherlands), UK South (London), Japan East (Tokyo), and Australia East.

To view the most update to date information on availability, please visit https://azure.microsoft.com/en-us/global-infrastructure/services/?products=azure-vmware

Q. What is the pricing for the solution?

A. The service can be consumed on an hourly basis along with 1-year and 3-year reserved pricing increments.

To view current pricing, please visit https://azure.microsoft.com/en-us/pricing/details/azure-vmware/

Q. How do I sign up for the service?

A. You can sign up to speak with a rep to learn how to sign up for this service using the link below.

https://cloud.vmware.com/azure-vmware-solution#get-started

VMware vRealize Products

Q. Which vRealize products and versions are tested and supported for AVS?

A. Both vRealize on-premises software and vRealize cloud versions are tested and supported with AVS. For vRealize software that may be deployed in on-premises datacenters, the following are the tested versions:

vRealize Operations (vROps) 8.3; vRealize Automation (vRA) 8.3, and vRealize Network Insight (vRNI) 6.1.

In addition, vRealize Operations Cloud, vRealize Automation Cloud, and vRealize Network Insight Cloud are all supported

The vRealize Log Insight software and cloud versions are currently not supported.

Q. What AVS bill-of-materials were the vRealize products tested on?

A. The vRealize products were tested with AVS 2.0 which includes the following components of the SDDC & HCX: ESXi Enterprise Plus, vCenter 6.7 u3 standard, vSAN 6.7, NSX-T 2.5.2, and HCX R139 Advanced.

Q. What are the sales channels for these vRealize products?

A. VMware will sell the vRealize products using its standard sales channels.

Q. Who supports the vRealize products used to manage AVS?

A. VMware will be providing support directly to customers.

Q. Can customers use their perpetual licenses towards the purchase of vRealize products for AVS (BYOL)?

A. vRealize perpetual licenses may be used for the tested deployment scenario listed above, i.e., – vRealize software will need to be deployed on premises and used to manage AVS as an end point.

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Q. What are the tested and supported customer deployment scenarios for the vRealize products?

A. The tested and supported scenarios are as follows:

(1) The vRealize software may be deployed on premises and used to manage AVS as an end point.

(2) The vRealize cloud services may be used to manage AVS as an end point.

Deploying vRealize software directly on AVS is not a supported scenario at this time.

Q. How do customers purchase the vRealize cloud products?

A. vROps Cloud and vRA Cloud services may be procured through the vRealize Suite subscription or the vRealize Cloud Universal credits. Customers with perpetual licenses may leverage the subscription upgrade program for a discount towards the purchase of vROps Cloud and vRA Cloud services.

More details on vRealize Cloud Universal are available here:

https://cloud.vmware.com/vrealize-cloud-universal/faq#general

vRNI Cloud customers may use their cloud skus for procurement. More information on vRNI Cloud is available below:

https://cloud.vmware.com/network-insight-cloud/faq#general

Q. What are the connectivity options for vRealize products deployed on premise managing an AVS end point?

A. Customers may leverage site-to-site VPNs or an Azure Express Route service to access an AVS end point from vRealize deployed in an on-premises datacenter.

Q. Is there a free trial period for vRealize Cloud?

A. All customers can request a free 30-day trial of vRealize Cloud prior to making a commitment to purchase.

Q. What are the licensing implications of a customer with vRealize software migrating to vRealize Cloud?

A. For vROps and vRA, customers may leverage the Subscription Upgrade Program to move from existing perpetual licenses to vRealize Universal subscription licenses, and receive a discount towards purchase of vRealize cloud services. More details on the Subscription Upgrade Program are available here: Subscription Upgrade Program

For vRealize Network Insight customers, an upgrade sku will enable customers to receive a discount towards purchase of vRNI Cloud. More information on vRNI Cloud is available here:

https://cloud.vmware.com/network-insight-cloud/faq#general

Q. What product related best practices guidelines are available for customers looking to migrate older on premise vRealize versions to the latest vRealize version on premises; or to vRealize Cloud?

A. vRealize Automation:

On-premise to On-Premise Upgrade:

Currently, a migration assistant service (link below) is available for customers to move from vRA 7.0 to vRA 8.0 on premises.

vRealize Automation Migration Assistant Service

On-premise to Cloud Upgrade:

A similar migration assistant service helping customers migrate from on premise to vRA cloud is in development. Once that's available, this FAQ will be updated.

vRealize Network Insight:

On-premise to On-premise Upgrade:

Upgrading from vRNI older version software to the latest version is well documented in the product release notes. A link to this document is below.

Upgrading on-premises vRealize Network Insight

On-premise to Cloud Upgrade:

Backup and restore procedures for migrating customers from on-premises to cloud variants are outlined in the document below.

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Backup and Restore Deployed Data

vRealize Operations:

Procedures for migrating content from on-premises vROps to vROps Cloud are captured in the below links:

Managing Content – https://docs.vmware.com/en/VMware- vRealize-Operations-Cloud/services/config-guide/GUID-DA2E5876-B51D-4A51-AB58-12605181A1BA.html

Importing Content - https://docs.vmware.com/en/VMware- vRealize-Operations-Cloud/services/config-guide/GUID-891BD726-A169-4163-A08A-08D79BD23AB1.html

VMware Tanzu Standard

Q. What is VMware Tanzu?

A. VMware Tanzu is a portfolio of products and services to help our customers modernize their applications and infrastructure to deliver better software to production faster. It enables developers and operations' teams to work together in new ways that deliver transformative business value.

Q. How is VMware Tanzu packaged and sold?

A. VMware Tanzu is currently available in three editions including Tanzu Basic, Tanzu Standard, Tanzu Advanced. To learn more about Tanzu Editions, check here: https://tanzu.vmware.com/tanzu

Q. Which of the Tanzu Editions is supported on Azure VMware Solution?

A. Currently, Tanzu Standard is the tested and supported edition on AVS.

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

A. The VMware Tanzu Kubernetes Grid version 1.3 is tested and supported on Azure VMware Solution.

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 deployment. It delivers an open source-aligned Kubernetes distribution with consistent operations and management to support customers' infrastructure and app 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 Azure VMware Solution, on native public clouds, as well as at the edge. It also provides a global control plane, powered by Tanzu Mission Control, to manage all the Tanzu Kubernetes clusters, as well as any conformant clusters, centrally, consistently, and efficiently. In addition, it includes monitoring with out of the box dashboards using open-source Prometheus and Grafana.

To learn more, check Tanzu Standard webpage and solution brief here:

https://tanzu.vmware.com/tanzu/standard

https://d1fto35gcfffzn.cloudfront.net/tanzu/VMware-Tanzu-Standard-Solution-Brief.pdf

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:

https://tanzu.vmware.com/content/tanzu-mission-control/tmc-comparison-chart

Q. Who sells VMware Tanzu Standard on Azure VMware Solution?

A. VMware sells the Tanzu Standard using its own sales motions, including its channels, to customers.

Q. Who supports VMware Tanzu Standard on Azure VMware Solution?

A. VMware provides support for Tanzu Standard.

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