## VMware by Broadcom: QUO VADIS?

#### Bechtle IT Forum | 11.06.2024 | SwissTech Convention Center

Ralf von Gunten, Lead Systems Engineer, VMware Cédric Mégroz, Team Leader Datacenter, Bechtle Suisse



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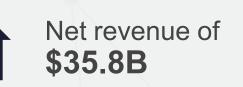


### Disclaimer

 The information provided in this document is up to our best current knowledge (11.06.2024) and might not be 100% accurate as due to the integration into Broadcom a lot of details are being redefined as we speak.

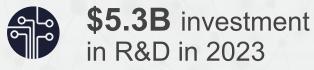


### Broadcom at a Glance











One of the industry's broadest IP portfolios with >23,000 patents



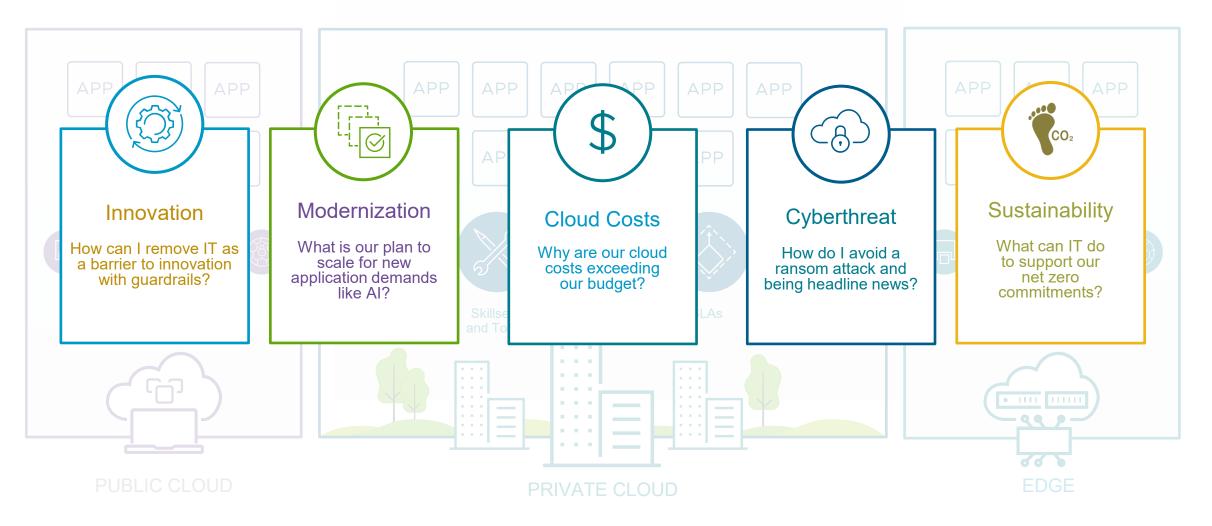
26 Category-Leading Semiconductor and Infrastructure Software Divisions



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## "Complexity is the Enemy of Execution"

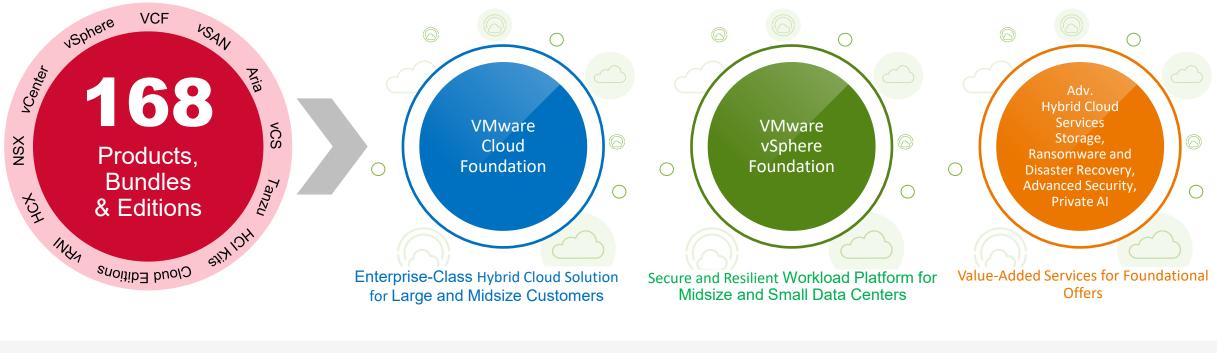
Inconsistent operations stifle innovation, throttle productivity, and increase cost





### What Are We Announcing?

Accelerate Customers' Business Transformation to Cloud with Streamlined Product Offers and Simplified Go-To-Market



Simplify to 2 foundational offers plus add-ons

Attractive pricing and upgrades to allow customers to benefit faster

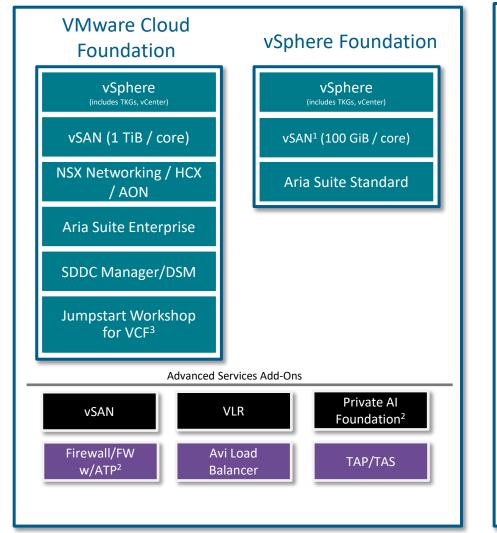
Ease of doing business with improved customer experience

For small deployments, we continue to offer vSphere Standard and vSphere Essentials Plus

### **VCF** Division



#### **Primary Offerings**





#### Highlights

- Subscription, Disconnected
- Per core pricing
- 16 cores per CPU minimum
- New SKUs and Product Descriptions
- Single SKU per Product w. single price per year
- Removal of 1, 3 and 5-year SKUs
- Term of subscription set in quote, w. a minimum 3-year term required
- Billing options: 100% Upfront, Yearly, Quarterly, or Monthly
- Broadcom Maintenance Support for all VCF
  products
- Termination for Convenience (TFC)

#### https://via.vmw.com/EditionsComp

 $^1$  vSAN 100 GiB entitlement is available in 8.0U2b release  $\ ^2$  Add-on for VCF only

<sup>3</sup> Entitled for any VCF customer with new purchases of VCF ACV > \$500k

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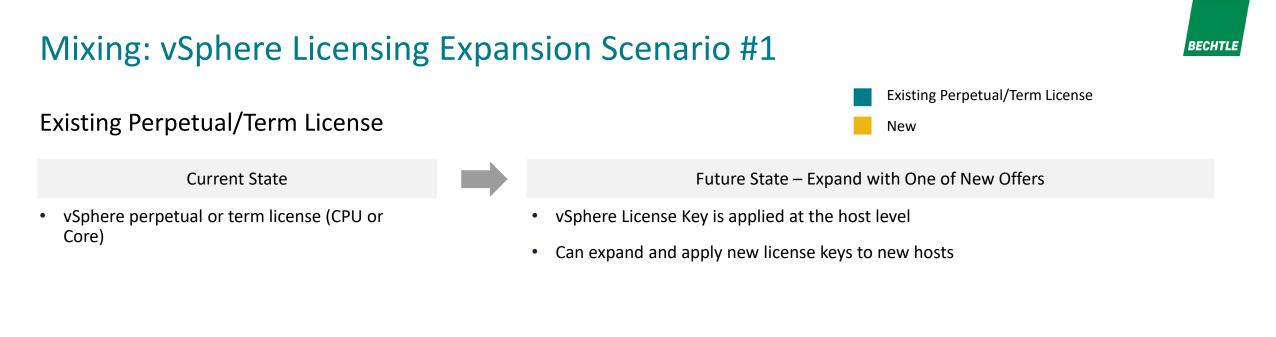
## Counting Cores for vSphere Foundation and VMware Cloud Foundation and TiBs for vSAN Add-on

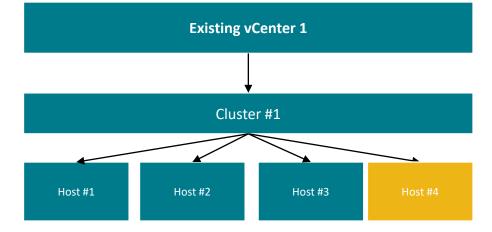
#### https://knowledge.broadcom.com/external/article?articleNumber=313548

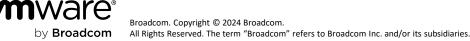
| reAndTiBUsage -DeploymentType<br>weral minutes<br>m (VCF) Instance:<br>EETS NUM_CPU_CORES_PER_SOCKET<br>2 4<br>1 6<br>1 6<br>2 22 | FOUNDATION_LICENSE_CORE_COUNT              | -<br>2<br>5  |  |
|---|--|--|--|
| IN (VCF) Instance:  | 32<br>32<br>36<br>36<br>36<br>36<br>36     | -<br>2<br>5  |  |
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| CPU_CORES FOUNDATION_LICENSE  | CORE_COUNT ENTITLED_VSAN_LICE              | ENSE_TIB_COUNT REQUIRED_VSAN_TIB   | _CAPACITY VSAN_LICENSE_TIB_COUN  |
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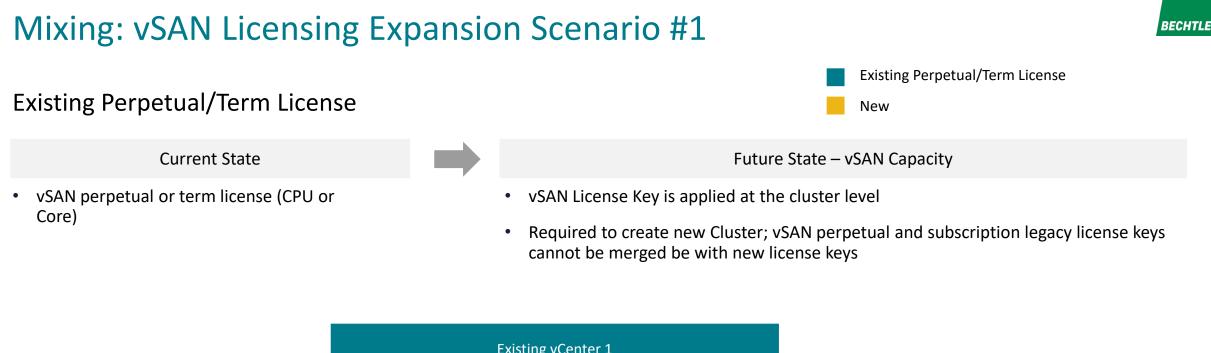
There is a second KB article with a license calculator that can simulate different configurations for greenfield or expansion use

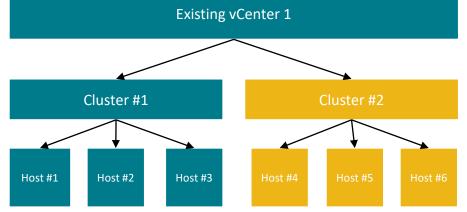
cases : https://knowledge.broadcom.com/external/article?legacyId=96426











The primary options to use the new subscription offers in vSAN brownfield environments are: 1) create a net new cluster as illustrated above 2) insert more storage disks into existing hosts 3) purchase subscriptions to license existing and new hosts in the cluster.

As a last resort, see the following slide for the exception to expand the vSAN cluster, as long as the condition is met, and customers renew vSAN subscriptions when the legacy offer (SnS or subscription) expire. Reviewing the vSAN Q&A section in the FAQ for unique considerations on license key fulfillment and vSAN cluster expansion options with legacy offers is recommended.



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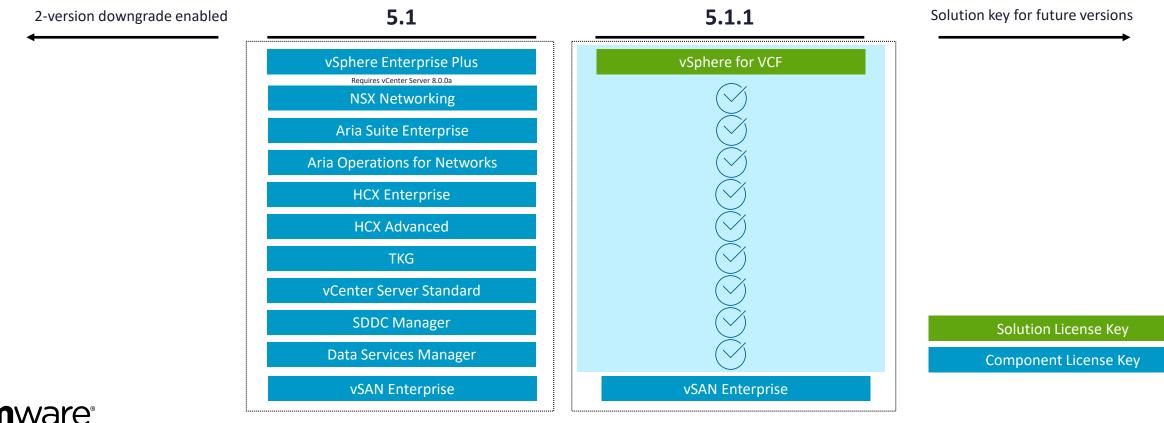
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### Solution License Key - VCF

VMware Cloud Foundation is sold and licensed as a single product. The introduction of a solution license key is a first step in the enablement of this single offering entitlement. For full licensing rules governing VCF as a single product, please see the <u>PnP Policy and FAQ</u>.

Beginning with VCF 5.1.1, the "vSphere 8 Enterprise Plus for VCF" license key is the Solution license key for VCF and unlocks all VCF component features (except for vSAN, which is still applied separately). All component license keys will continue to appear in the Customer Connect Portal so that brownfield customers are not forced to upgrade.



## Solution License Key - VCF

Details

#### **Greenfield Customers**

- The customer will first add the "vSphere 8 Enterprise Plus for VCF" solution license key directly to vCenter
- The customer will manually assign the solution license key to the following: (however there is a bulk Licensing option in the vCenter UI.) --This step will be automated in future releases
  - vCenter
  - ESXi hosts
  - TKG Supervisor Clusters
  - The separate vSAN key will need to be applied to vSAN clusters
- Customer will add the VCF-enabled vCenter as Data Source/Integration to Aria, NSX, and HCX.

#### **Brownfield Customers**

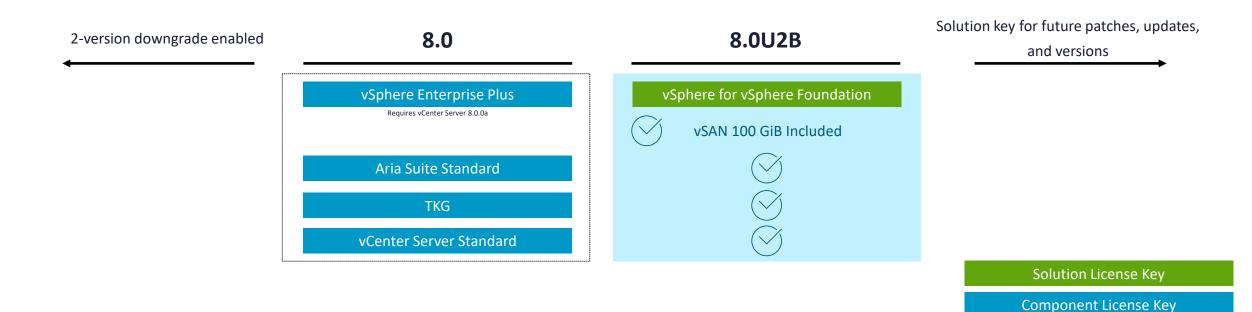
- For a customer running a version prior to 5.1.1, this customer must downgrade the "vSphere 8 Enterprise Plus for VCF" license key
  - At this point, the license key will become a vSphere 8 Enterprise Plus component license key rather than the solution license key.
- The customer still receives all component license keys for use with versions prior to 5.1.1
- When the customer is ready to upgrade to 5.1.1, the customer can upgrade the vSphere license key back to being the solution license key
- The customer will manually assign the solution license key to ESXi hosts (the separate vSAN key is assigned to vSAN clusters); this step will be automated in a future release
- The customer will add this VCF-enabled vCenter as Data Source/Integration to Aria, NSX, and HCX.

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### Solution License Key – vSphere Foundation

VMware vSphere Foundation is sold and licensed as a single product. The introduction of a solution license key is a first step in the enablement of this single offering entitlement. For full licensing rules governing VVF as a single product, please see the <u>PnP Policy and FAQ</u>.

Beginning with vSphere 8.0U2b, the "vSphere 8 Enterprise Plus for vSphere Foundation" license key is the Solution license key for VVF and unlocks all VVF component features, including vSAN. All component license keys will continue to appear in the Customer Connect Portal so that brownfield customers are not forced to upgrade.



## Solution License Key – vSphere Foundation

#### **Greenfield Customers**

- The customer will apply the "vSphere 8 Enterprise Plus for vSphere Foundation" solution license key directly to vCenter
- The customer will assign the solution license key to ESXi hosts
- Customer will add the VVF-enabled vCenter as Data Source/Integration to Aria Ops and Logs.

#### **Brownfield Customers**

- For a customer running a version prior to 8.0U2b, this customer must downgrade the "vSphere 8 Enterprise Plus for vSphere Foundation" license key
  - At this point, the license key will become a vSphere 8 Enterprise Plus component license key rather than the solution license key.
- The customer still receives all component license keys for use with versions prior to 8.0U2b
- When the customer is ready to upgrade to 8.0U2b, the customer can upgrade the vSphere license key back to being the solution license key
- The customer will need to assign the solution license key to ESXi hosts

## **Complete Flexibility and Freedom with License Portability**



## **VMware Cloud** Foundation<sup>™</sup> (AZ) MANAGEMENT + ORCHESTRATION COMPUTE NETWORKING STORAGE

#### **Subscription Portability**

From end user private cloud deployments

#### **Portability Extended to Add-ons**

Leverage your add-on subscriptions where needed

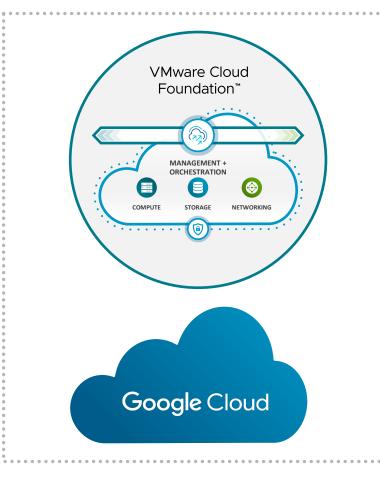
#### **Hybrid Cloud Expansion**

Expand your private cloud to hybrid and public clouds easily



## Google First to Announce Plans for Cloud Destination Point for VMware Cloud Foundation 5.1 License Portability

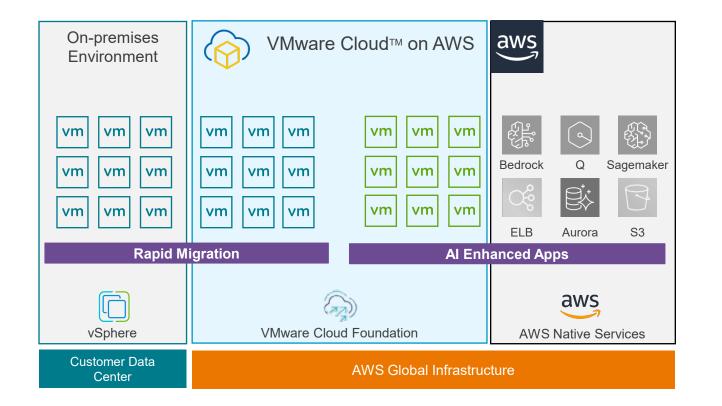
#### **Google Cloud VMware Engine**



- Fully-managed by Google Cloud (no change)
- L1/L2 support from Google Cloud (no change)
- New VMware Cloud Foundation version 5.1 product additions available for customer usage (unmanaged)

## VMware Cloud on AWS: What's Included

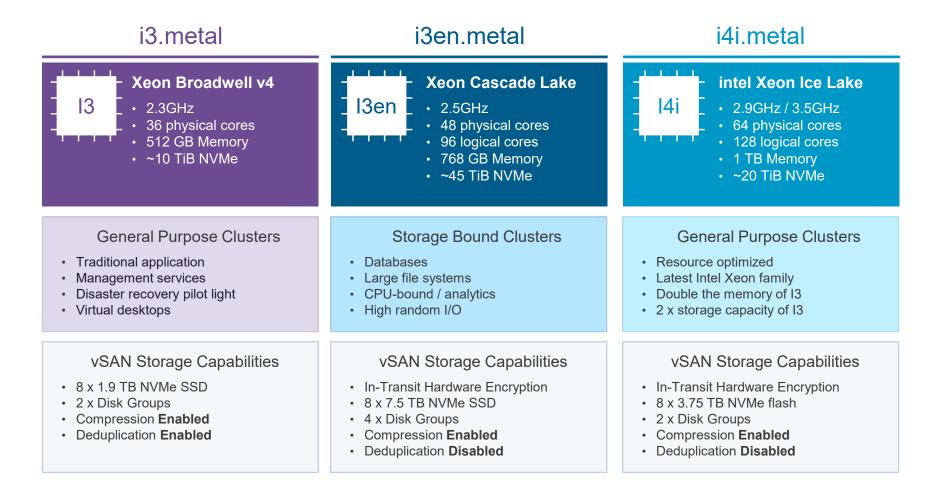




- VMware VCF and NSX Firewall running on dedicated AWS hardware.
- Three unique host types: i3, i3en, i4i
- Operated as a managed laaS service, supported by VMware by Broadcom
- Customer self-service using the VMC
   Console <u>vmc.vmware.com</u>

## VMware Cloud on AWS: Instance Types

Variety of bare metal instance types for different use cases



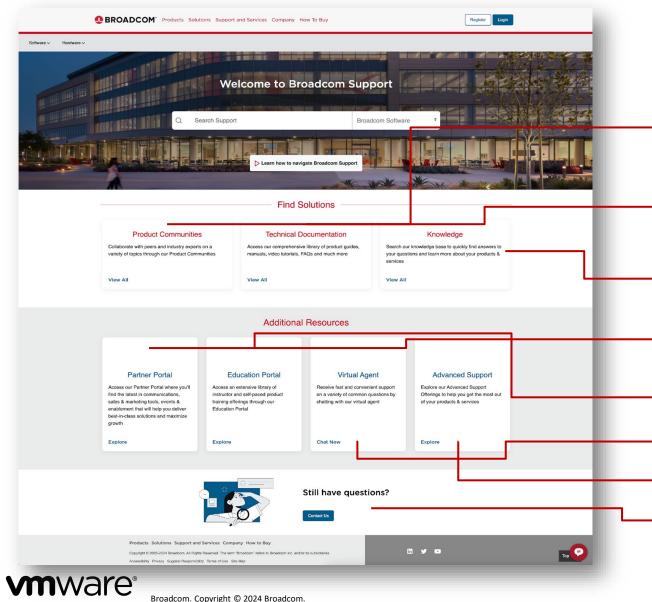




| Offer                                   | Broadcom Software Maintenance    |
|---|----------------------------------|
| Support Level                           | Essential Support                |
| Customer Access                         | By Product/Entitlement Account   |
| Geo Coverage                            | Global                           |
| # of Individual Customer Administrators | Unlimited                        |
| Senior-Level Support Engineers          | World Class Support Organization |
| SDK and API Guidance                    | With DTSE/SAM purchase           |
| Root Cause Analysis                     | With DTSE/SAM purchase           |
| Severity 1 Initial Response             | 30 minutes, 24x7                 |
| Severity 2 Initial Response             | 2 business hours, 10x5           |
| Severity 3 Initial Response             | 4 business hours, 10x5           |
| Severity 4 Initial Response             | 8 business hours, 10x5           |



### Support Portal Landing Page / Pre-Login Page



#### https://support.broadcom.com



Getting Started with your Support Portal Account for VMware Customers: https://knowledge.broadcom.com/external/article?articleNumber=282615

The Pre-Login page contains several product and support resources. In order of appearance:

**Product Communities**: Discussions, Blogs, and Upcoming Events. Click View All to be taken to the Broadcom Community site—designed by software division and organized by product.

**Technical Documentation**: Technical support documentation enhanced with search capability. Click View All to be taken to the Tech Docs portal—designed by software division and organized by product.

**Knowledge**: A self-service knowledge base of issues solved by the help desk. Click View All to be taken to the knowledge base search window.

**Broadcom Software Partner Portal** : Click Explore to be taken to the Agile Operations and Mainframe Software portal for Broadcom partners.

Education: Click Login to open the Enterprise Software Academy.

Ask our Virtual Agent: Click Chat Now to open a chat dialog with a virtual agent.

Need Personalized Support?: Click Login to access the Support Portal.

**Contact Us**: Open the global support portal with access to global support numbers and request forms.

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#### My Dashboard / Dashboard Home ති **BROADCOM**\* Products Solutions Support and Services Company How To Buy QA Ł My Dashboard - VMware Cloud Foundation My Dashboard Q Search the entire site Search Q My Entitlements Contract Status (i) Case Overview (i) Downloads History (i) Ĵ My Downloads Last 1 month Last 6 months Product Downloads Solution Downloads Active Ē My Cases Great! Expiring 90 days You don't have any cases Expiring 30 days Trials & Beta My Tools Documentation Critical Alerts View All Knowledge Base Articles (i) Browse All Security Advisories Trending Latest Test tet 2 Communities test 1 Download the CleanWipe removal tool to uninstall Endpoint Protection Published 9/24/2021 1:28 PM TEST DATA ന All Products You can use several methods to uninstall the Symantec Endpoint Protection (SEP) . Article ID 178870 Broadcom ERP System Maintenance Alert - March 28 7pm Help and support for Brocade products Published 7/26/2021 10:18 AM PST - April 1 7pm PST Ø Contact Support You need help or assistance with Brocade products. Article ID 207322 LiveUpdate Administrator fails to download SEP 14.x content files Published 5/26/2021 2:41 AM LiveUpdate Administrator (LUA) start to fail download task after around 6 AM GMT. Article ID 215609 **Quick Links** Site ID Request Form Published 1/28/2021 1:32 AM What is my Site id? Need help in finding my site id? Where can I get my site id... Article ID 197283 Product Lifecycle Technical Documentation Advanced Secure Gateway upgrade path Published 5/4/2021 3:33 PM Advanced Secure Gateway (ASG) upgrade path supplemental information... Article ID 214293 Education Learning@Broadcom Community Posts (i) Visit Communities

#### Product Division

• Entitled to multiple Broadcom Software products? Refresh your dashboard by selecting another product division from the menu. This will change the content displayed/accessible in your dashboard.

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#### My Profile

 Access your profile details to update your Broadcom systems and services access as well as confirm and manage your subscription preferences.

#### Search, Notifications, Downloads

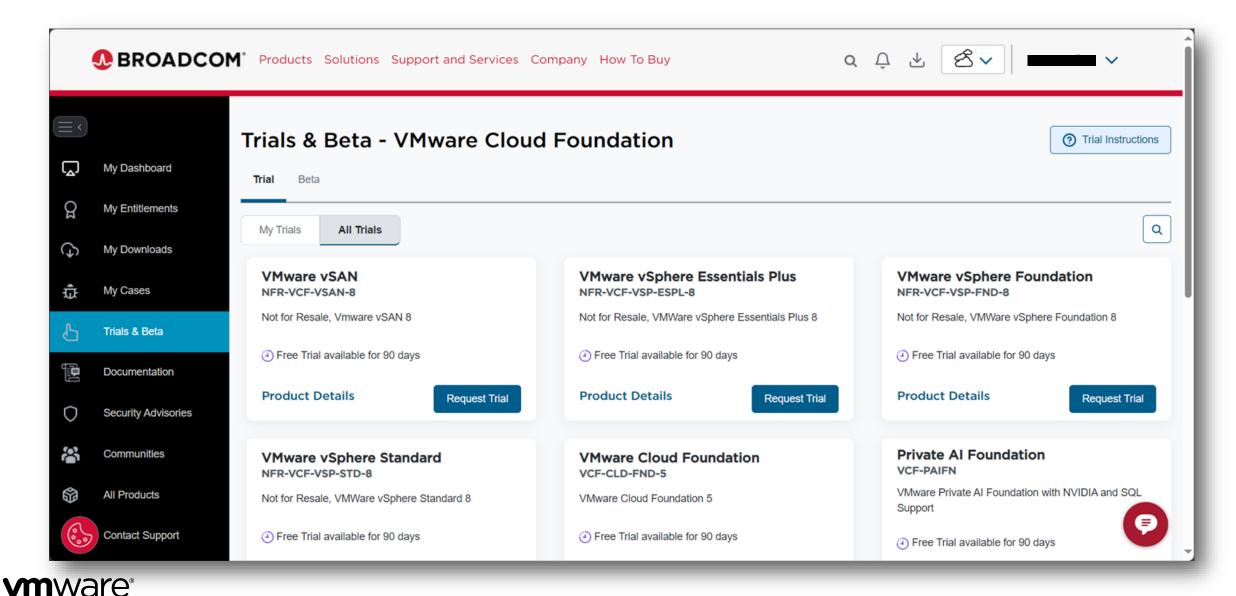
 Check any notifications you may have missed from the bell icon and view the Download Manager for your Download history or pending files. If you get lost, or want to jump to something else, use the search icon to get started.

#### Widgets

 Stay informed on support cases, download history, expiring contracts, and more. Click each widget to jump to the specific pages that contain more details on each item.

### Misc Portals / Trial & Beta





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## New Learning Systems

Summary

| rior Systems                   |               | New Learning Systems           |
|--------------------------------|---------------|--------------------------------|
| Mylearn                        | $\Rightarrow$ | Learning @ Broadcom (CSOD)     |
| Digital Learning Platform      | $\Rightarrow$ | Learning @ Broadcom (CSOD)     |
| Partner University             | $\Rightarrow$ | Learning @ Broadcom (CSOD)     |
| HIVE                           | $\Rightarrow$ | Learning @ Broadcom (CSOD)     |
| VMware Certification Manager   | $\Rightarrow$ | Broadcom Certification Manager |
| Learning Support Email Aliases |               | Broadcom Support Portal        |



## Your Digital Learning Entitlement

## Complimentary Access!



#### **DIGITAL Learning Entitlement Details**

- "VMware Digital Learning Entitlement" launched on Feb 5, 2024
- All access to digital training content from VMware Cloud Foundation (VCF), vSphere, vSAN, NSX, Aria, HCX, SRM, Cloud Director & Tanzu solutions
- Unlimited user access from your organization
- You must use your company email to login and access
- Just give us your access domain names (not individual email)
- Upgrade to Enterprise Learning Subscription (ELS) for unlimited lab access and certification vouchers

### VCF vILT Open Enrollment Entitlement

Complimentary VCF vILT Training as of May 6, 2024



- Strategic Customers
- Pinnacle Partners
- Premier Partners Up to 40k value in vILT Enrollments per calendar year
- All customers who have active VCF licenses regardless of their customer segment

#### **ILT Entitlement Details**

- Classes will be conducted in English only. Exceptions of Chinese, Japanese and Korean for some classes.
- No limit on number of courses or seats, based on instructor availability.
- Entitled customers to self register through Learning@Broadcom LMS.
- Non VCF Corporate, Commercial, and lowered tiered partners not eligible.
- Dedicated Private Training classes are still be available for fee.

#### **Available Class Topics**

- VMware vSphere
- VMware NSX
- VMware Aria
- VMware Cloud Foundation
- VMware vSAN
- VMware Cloud Director
- VMware HCX

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Dell Technologies and Broadcom Extend Commitment to Serving Customers and Partners with Broad Jointly Engineered Hyperconverged Solutions Portfolio

Dell Technologies and Broadcom Extend Commitment to Serving Customers and Partners with Broad Jointly Engineered Hyperconverged Solutions Portfolio | Dell USA

The Next Evolution of Broadcom Value-Added OEM Solutions (HPE and Lenovo)

The Next Evolution of Broadcom Value-Added OEM Solutions (vmware.com)



## External Useful Resources (from William Lam)

Tips for navigating and downloading from new Broadcom Support Portal

https://via.vmw.com/BSPtips

Useful Links for VMware by Broadcom Day 2 Transition

https://via.vmw.com/VMwareDay2

No entitlements needed for these popular VMware downloads on Broadcom Support Portal (BSP)

https://via.vmw.com/BSPfreeDownloads



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# Merci!

## Des questions? Contactez-nous: it-forum.ch@bechtle.com



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