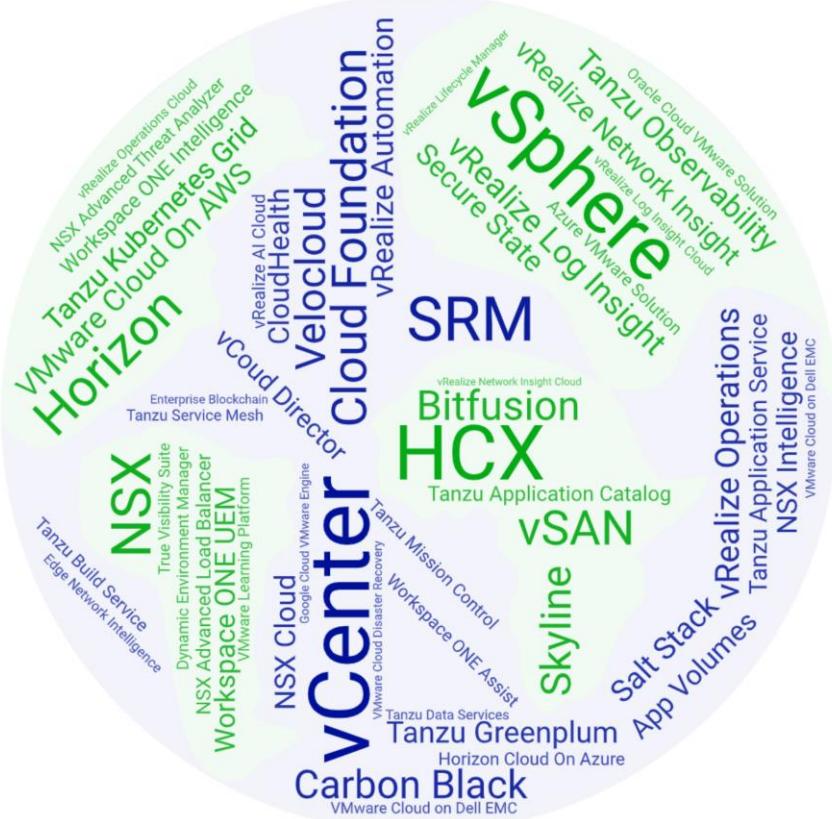


The Extensive Guide to Using VMware Documentation Like a Pro

Nick Korte (@NetworkNerd_)
Senior Solution Engineer, VMware
Office of the CTO, Ambassador

A World of Products



- General Documentation
- Product-specific
- Knowledge Base
- Blog
- Training
- Video / Walkthrough

VMware Acquisitions

2021

Mesh7
(Closed 3/31/2021)

2020

Mode.net (September 2020)

Datrium (July 2020)

Blue Medora True Visibility Suite (July 2020)

Lastline (June 2020)

Octarine (May 2020)

Nyansa (January 2020)

SaltStack (October 2020)

2019

Pivotal (December 2019)

Carbon Black (October 2019)

Veriflow (August 2019)

Uhana (July 2019)

BitFusion (July 2019)

Avi Networks (June 2019)

Bitnami (May 2019)

Aetherpal (February 2019)

2018

Heptio (November 2018)

CloudHealth (August 2018)

Dell EMC Assurance Suite (August 2018)

E8 Security (March 2018)

CloudCoreo (February 2018)

CloudVelox (February 2018)

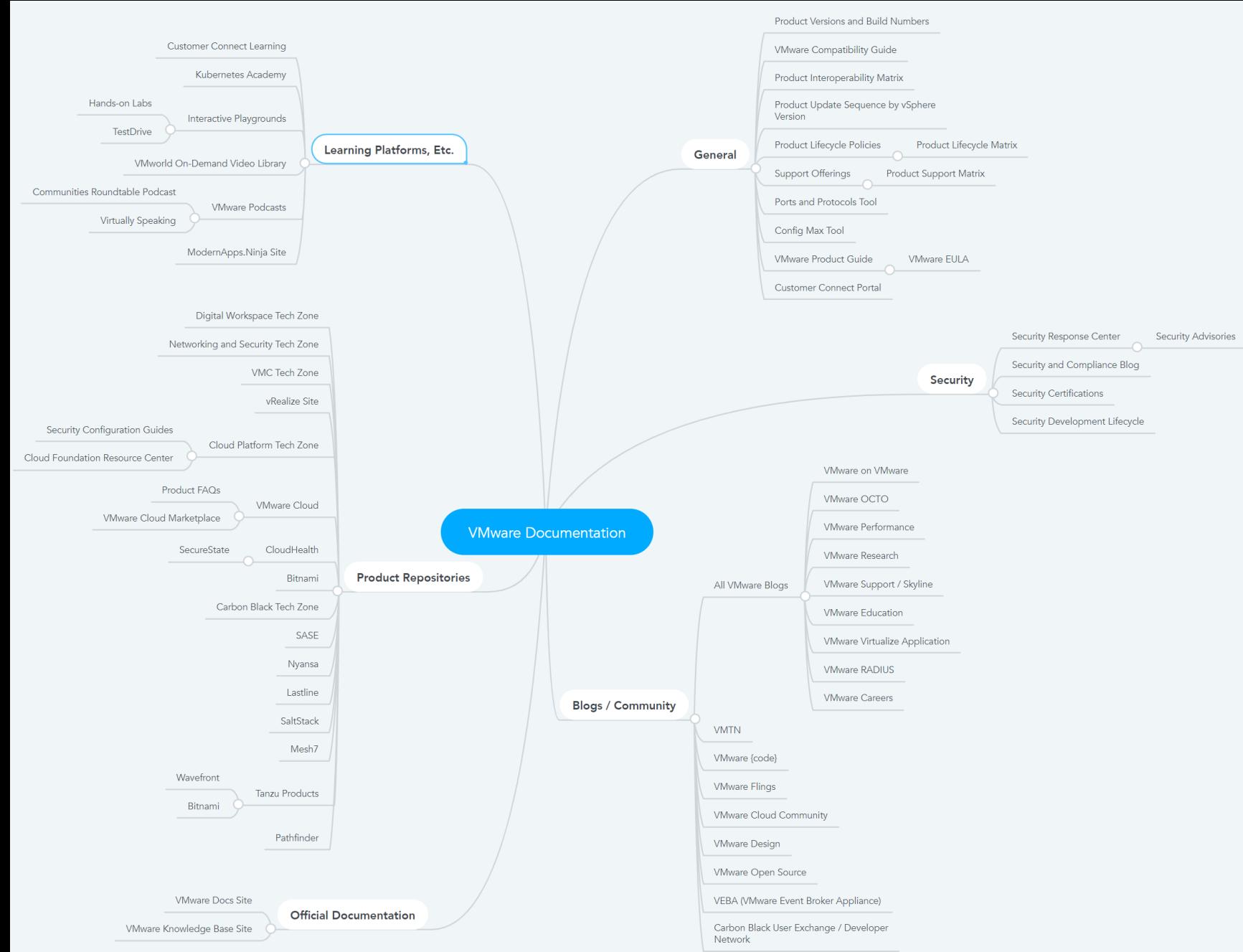
Public Site on Acquisitions - <https://www.vmware.com/company/acquisitions.html>



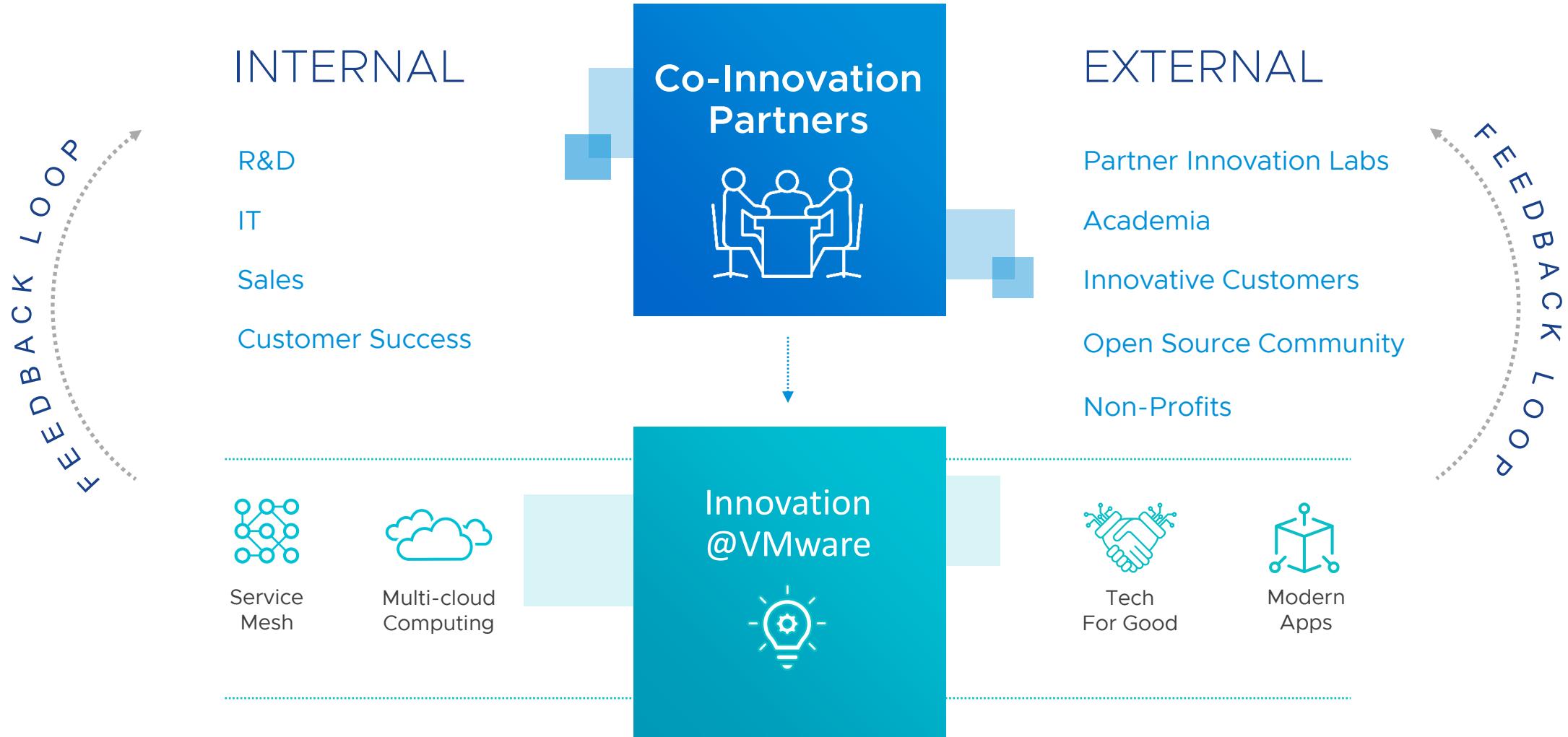
We're Going on Tour!

A Documentation Map

<https://mm.tt/1334759372?t=5ycwbDDXo1>



Innovation @ VMware





While You
Board

New Releases

NSX
Connect with the Virtual Cloud Network

Technical Advanced Series

Technical Deep Dive - NSX-T - Advanced Security

Aired On 10/28/2020 at 12:00PM

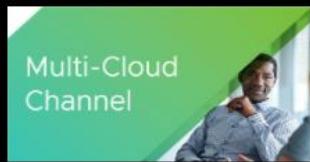
[On Demand](#)

• • • • •

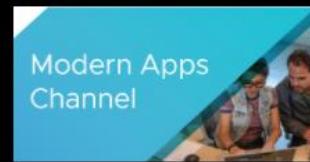
Channels



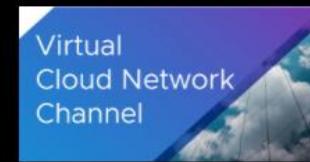
Digital Workspace Channel



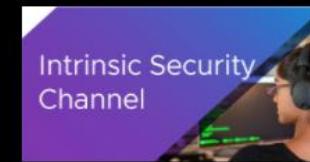
Multi-Cloud Channel



Modern Apps Channel



Virtual Cloud Network Channel



Intrinsic Security Channel

Relax and Chill with VMware TV

<http://www.vmware.com/tv>

VMworld On-Demand Video Library

<https://videos.vmworld.com>

- Searchable archive of VMworld US / VMworld Europe presentations
- Requires a free My VMworld account to sign in
 - All content free to access

The screenshot shows a video player interface for a keynote titled "Solutions Keynote: Innovation@VMware - The CTO Perspective". The video features a man in a black shirt speaking against a background of green and blue abstract graphics. The video player includes a play button and a progress bar. To the right of the video, there is a sidebar with the following information:

- Presentation**
- Download PDF** (with a red arrow pointing to it)
- Speakers**
- Greg Lavender**
SVP & Chief Technology Officer
VMware
[Show Bio](#)

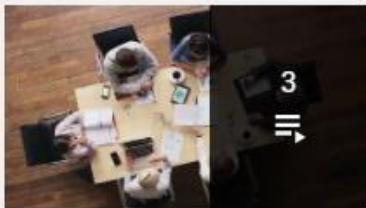


Key announcement themes | VMworld 2020

1,124 views • 3 weeks ago

Bruce Davie, CTO for Asia Pacific & Japan, speaks to Emma Heath, Content Strategist, to share his take on the VMworld 2020 announcements, including delivering on promises from prior years (Carbon Black Workload, Tanzu, self-driving ops); democratising access to AI/ML; and supporting the future distributed workforce.

Featured Playlists



VMware Strategic IT Priorities
VMware [VIEW FULL PLAYLIST](#)



Why Choose VMware?
VMware [VIEW FULL PLAYLIST](#)



VMware on VMware
VMware [VIEW FULL PLAYLIST](#)



VMware Strategy
VMware [VIEW FULL PLAYLIST](#)



VMware Security
VMware [VIEW FULL PLAYLIST](#)



VMWARE CHANNELS



VMware

[SUBSCRIBE](#)



VMware vSphere

[SUBSCRIBE](#)



VMware Cloud Provider

[SUBSCRIBE](#)



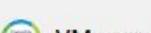
VMware NSX

[SUBSCRIBE](#)



VMware CloudManage...

[SUBSCRIBE](#)



VMware vSAN

[SUBSCRIBE](#)



VMware End-User Com...

Follow VMware YouTube Channels
<https://www.youtube.com/user/vmwaretv>



Tour Stop #1

A General Toolset

The Extensive Guide to Using VMware Documentation Like a Pro

Build Numbers and Versions – KB 1014508



Correlating build numbers and versions of VMware products (1014508)

Last Updated: 2/10/2020 Categories: Informational Total Views: 1621438

Language: English [subscribe](#)

Skyline Health Diagnostics (SHD) is a tool that analyses log files to detect known issues and recommend solutions/KBs. Benefits include:

- Instant resolution to known issues that occur in your vCenter/vSphere environment
- Significant reduction of time and efforts in resolving issues faced by Admins
- Stability of your vSphere environments

It is highly secure and doesn't require online connectivity. Please visit [here](#) for more details on SHD, including downloading and installation of this tool.

Purpose
This article lists the product names and the corresponding Knowledge Base articles that provide build numbers and versions.

Resolution
Note: The build numbers are based on full installations.

Product name	Article
VMware Converter Standalone	Build numbers and versions of VMware Converter Standalone (2143828)
VMware Data Recovery	Build numbers and versions of VMware Data Recovery (2143852)
VMware ESXi/ESX	Build numbers and versions of VMware ESXi/ESX (2143832)
VMware Horizon View	Build numbers and versions of VMware Horizon View (2143853)
VMware NSX for vSphere	Build numbers and versions of VMware NSX for vSphere (2143854)
VMware Site Recovery Manager	Build numbers and versions of VMware Site Recovery Manager (2143851)
VMware vCenter Server	Build numbers and versions of VMware vCenter Server (2143838)
VMware vCenter Chargeback	Build numbers and versions of VMware vCenter Chargeback (2143841)

Build Numbers and Versions – KB 1014508

VMware® vSphere®

vSphere Client version 7.0.0.10100

	Version	Release Date	VAMI/Release Notes	Client/MOB/vpxd.log
	vCenter Server 7.0 Update 2 (7.0.2.00000)	2021-03-09	17694817	17694817
	vCenter Server 7.0 update 1d (7.0.1.00300)	2021-02-02	17491101	17491160
	vCenter Server 7.0 update 1c (7.0.1.00200)	2020-12-17	17327517	17327586
	vCenter Server 7.0 update 1a (7.0.1.00100)	2020-10-22	17004997	17005016
	vCenter Server 7.0 Update 1 (7.0.1.00000)	2020-10-06	16860138	16858589
	vCenter Server 7.0.0d (7.0.0.10700)	2020-08-25	16749653	16749670
	vCenter Server 7.0.0c (7.0.0.10600)	2020-07-30	16620007	16620013
	vCenter Server 7.0.0b (7.0.0.10400)	2020-06-23	16386292	16386335
	vCenter Server 7.0.0a (7.0.0.10300)	2020-05-19	16189094	16189207
	vCenter Server 7.0 GA (7.0.0.10100)	2020-04-02	15952498	15952599
VCSA	Version	Release Date	VAMI/Release Notes	Client/MOB/vpxd.log
	vCenter Appliance 6.7 Update 3l (6.7.0.46000)	2020-11-19	17138064	17137327
	vCenter Appliance 6.7 Update 3k (6.7.0.45100)	2020-10-22	17028579	17028632
	vCenter Appliance 6.7 Update 3j (6.7.0.45000)	2020-08-20	16708996	16709110
	vCenter Appliance 6.7 Update 3i (6.7.0.44200)	2020-07-30	16616482	16616668
	vCenter Appliance 6.7 Update 3h (6.7.0.44100)	2020-05-28	16275304	16243230
	vCenter Appliance 6.7 Update 3g (6.7.0.44000)	2020-04-28	16046470	16046713
	vCenter Appliance 6.7 Update 3f (6.7.0.43000)	2020-04-09	15976714	15976728
	vCenter Appliance 6.7 Update 3e (6.7.0.42300)	2020-03-26	15808844	15808844
	vCenter Appliance 6.7 Update 3d (6.7.0.42200)	2020-02-27	15679281	15679281
	vCenter Appliance 6.7 Update 3c (6.7.0.42100)	2020-01-30	15505668	15505668
	vCenter Appliance 6.7 Update 3b (6.7.0.42000)	2019-12-05	15132721	15129973
	vCenter Appliance 6.7 Update 3a (6.7.0.41000)	2019-10-24	14836122	14792544

VMware Compatibility Guide

Demo Time!

Search Compatibility Guide: ?

(e.g. compatibility or esx or 3.0)

All Listings

Search

What are you looking for:

Systems / Servers

Compatibility Guides

Help

Current Results: 0

Product Release Version:

- All
- ESXi 7.0 U2
- ESXi 7.0 U1
- ESXi 7.0
- ESXi 6.7 U3
- ESXi 6.7 U2

System Type:

- All
- Blade
- Mother Board
- Rack or Tower
- Rackmount
- Tower

Additional Criteria: (Collapse All)

Min Certified Memory:

- All

Max Certified Memory:

- All

Sockets:

- All

Enhanced vMotion Capability Modes:

- All
- AMD Opteron™ Generation 1
- AMD Opteron™ Generation 2
- AMD Opteron™ Generation 3
- AMD Opteron™ Generation 3 without 3DN
- AMD Opteron™ Generation 4

Partner Name:

- All
- Aberdeen LLC
- Acer Inc.
- Action
- Adlink technology inc.
- Advantech Corporation
- AIC Inc.
- Altos Computing Inc
- AMAX Information Technologies
- Aparna Systems
- Apple
- Aquarius

Features:

- All
- Certified Memory - DRAM
- Certified Persistent Memory (PMEM)
- Extended Configuration Maximum
- Fault Tolerant(FT)
- Intel Optane Persistent Memory (PMEM) N
- Intel SGX
- Legacy FT
- PCIe Hot-Plug Ready
- Quick Boot
- SR-IOV
- Total combined memory (PMEM + DRAM)
- Trusted Platform Module (TPM)
- UEFI Secure Boot
- vDGA_Linux

Keyword:

Max Cores per Socket:

- All

CPU Series:

- All
- AMD EPYC 7001 Series
- AMD EPYC 7002/7Fx2/7Hx2 Series
- AMD Opteron 41xx Series
- AMD Opteron 4200 Series
- AMD Opteron 4300 Series
- AMD Opteron 61xx Series

Posted Date Range:

- All

The VMware
Compatibility
Guide

Fault Tolerant Compatible Sets:

- All
- AMD Bulldozer Generation
- AMD Opteron™ Generation 3
- AMD Piledriver Generation
- Intel® Haswell Generation
- Intel® Ivy-Bridge Generation
- Intel® Nehalem Generation
- Intel® Penryn Generation
- Intel® Sandy-Bridge Generation

Update and View Results

Reset

Demo Time!

Home > Compatibility Guides > Guest Operating System Installation Guide

Guest Operating System Installation Guide

The guest operating system installation guide includes instructions for installing supported guest operating systems on the following VMware products:

- VMware ESXi/ESX 3.5 and later
- VMware Workstation 4.0 and later
- VMware Fusion 1.0 and later
- VMware ACE 1.0 and later

If you are using VMware® Workstation 3.x, VMware ESX Server 1.x, or an earlier VMware product, see your product users manual for the supported guest operating system installation instructions.

See [General Guidelines for Supported Guests](#) and [General Installation Instructions for All VMware Products](#) for information that might apply to the guest you are installing.

Supported Guest Operating Systems

VMware supports the following Windows, Linux, Unix, Macintosh, and other operating systems. Operating systems that are not listed are not supported.

To see which guest operating system customizations are supported for a particular version of vSphere or vCenter, see the [Guest OS Customization Support Matrix](#).

Windows Operating Systems

- Windows
 - Windows Server 2019
 - Windows Server 2016
 - Windows 10
 - Windows Server 2012 R2
 - Windows Server 2012
 - Windows 8.1
 - Windows 8
 - Windows Server 2008 R2
 - Windows 7
 - Windows Server 2008
 - Windows Vista
 - Windows Server 2003
 - Windows XP
 - Windows 2000
 - Windows NT 4.0

Guest OS Install Guide

Guest OS Customization Support Matrix

Demo Time!

Welcome to an improved Product Interoperability Matrix experience.

[WALK ME](#) [FEEDBACK](#) [X](#)

vmware® Product Interoperability Matrix

Interoperability Solution/Database Interoperability Upgrade Path

Compare

Select a Solution
Solution 1
Select a Solution ▾
All versions
Add Another Solution

With

Add Platform/Solution
Platform/Solution 1
Select a Solution ▾
All versions
Add Another Solution

CHECK INTEROPERABILITY [CLEAR](#)

Hide Interoperability
 Compatible Incompatible

Hide Legacy Releases ⓘ
 Past End of General Support Past End of Technical Guidance

Print CSV Copy

Hide Columns
Compatible (green checkmark) Incompatible (red X) Past End of Technical Guidance (yellow warning icon) Past End of General Support (blue info icon)
Not Supported (grey)

No Data



Product Update Sequence

[KB 78827](#)

- vSphere 7.0 – [KB 78221](#)
- vSphere 6.7 - [KB 53710](#)
- vSphere 6.5 - [KB 2147289](#)
- vSphere 6.0 - [KB 2109760](#)

KB article respective on your environment	Important Notes and Caveats
<p>Update sequence for vSphere 7.0 and its compatible VMware products (78221)</p> 	<ul style="list-style-type: none">vSphere Upgrade CenterOverview of vSphere 7.0 Upgrade ProcessvSphere 7.0 Compatibility Guide. <p>When upgrading your vCenter Server when Horizon View is part of your environment, refer to these resources:</p> <ul style="list-style-type: none">Update sequence for Horizon 7.x and its compatible VMware products (78445)Migration Recommendations and Restrictions for Horizon VDI Desktops (57368) <p>Before you update vCenter Server, disable vCenter Server from vCloud Director. For more information, see:</p> <ul style="list-style-type: none">Upgrade vCenter Server Systems, ESXi Hosts, and NSX Edges
<p>Update sequence for vSphere 6.7 and its compatible VMware products (53710)</p>	<ul style="list-style-type: none">Overview of the vSphere 6.7 Upgrade Process <p>When upgrading your vCenter Server and with Horizon View is part of your environment, see:</p> <ul style="list-style-type: none">Migration Recommendations and Restrictions for Horizon VDI Desktops (57368)Migrating from vCenter Windows Server to vCenter Service Appliance with VMware Horizon 7.x and 6.x (51154)Moving View-managed desktops between VMware vCenter Servers is not supported (1018045) <p>Before you update vCenter Server, disable vCenter Server from vCloud Director. For more information, see:</p> <ul style="list-style-type: none">Upgrade vCenter Server Systems, ESXi Hosts, and NSX Edges

Product Update Sequence

[KB 78827](#)

- vSphere 7.0 – [KB 78221](#) (shown here)
- vSphere 6.7 - [KB 53710](#)
- vSphere 6.5 - [KB 2147289](#)
- vSphere 6.0 - [KB 2109760](#)

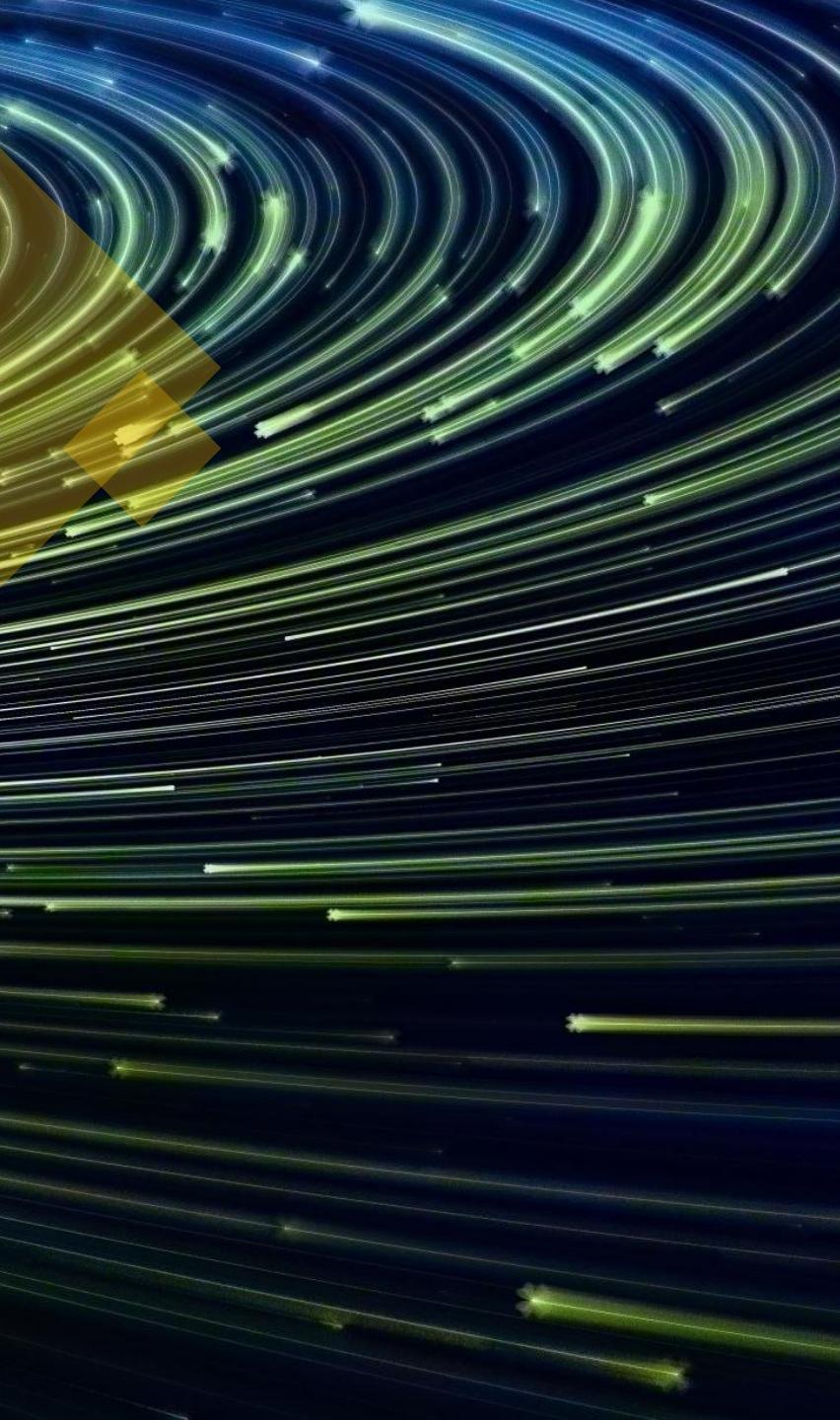
Resolution

This table describes the upgrade path in which the vSphere 7.0 and its compatible VMware products must be updated:

Supported Update Sequence

	vRSLCM	vRLI	vROPs	vrNI	vRA	vADP-based Backup solution	VR	SRM	NSX-T	vCenter Server	ESXi	VMware Tools	Virtual Hardware	VSAN/VMFS
Seq.	1													
		2	2											
				3										
					4									
						5								
							6	6						
									7					
										8				
											9			
												10		
													11	
														12

Note: If you need to update multiple products in your environment, start with updating the product with the lowest sequence number. After you update the product, update the product with the next sequence number. If a product is not present in your environment, update the subsequent product. If you need to update two products with the same sequence number, the order of update does not matter.



VMware Product Lifecycle Policies

<https://www.vmware.com/support/policies/lifecycle.html>

March 12, 2020

~~November 15, 2021~~

October 15, 2022
[KB 66977](#)



GENERAL SUPPORT
PHASE



TECHNICAL
GUIDANCE PHASE



END OF SUPPORT
LIFE



END OF AVAILABILITY
/ END OF
DISTRIBUTION

[vSphere 6.7 End of General Support Extended](#)

Demo Time!

vmware Product Lifecycle Matrix

[US](#)
[Communities](#)
[Feedback](#)
[Store](#)

Last Updated (Local Time): 2021/03/08 09:55

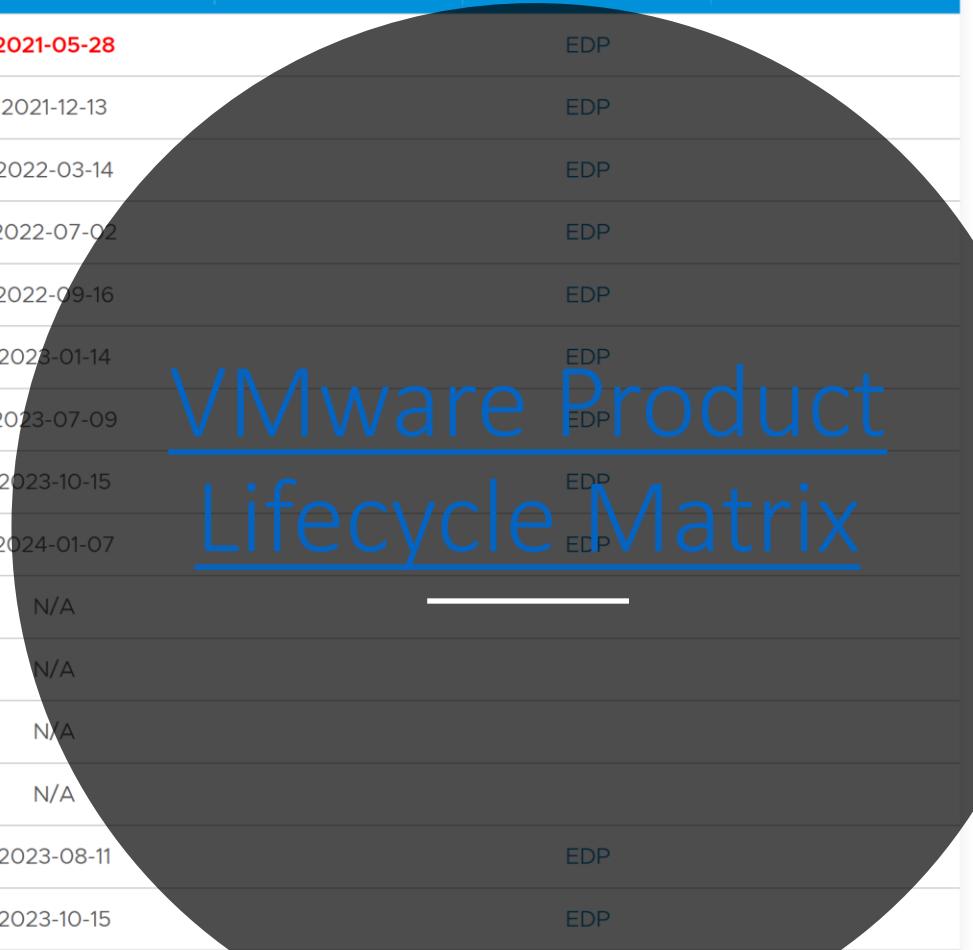
Export selections to: Show: Supported Products Unsupported Products

Red: Within 6 months Purple: Reached End of General Support

Background Color

Product release with grey background indicates it is unsupported

<input type="checkbox"/> Product Release	General Availability	End of General Support	End of Technical Guidance	End of Availability	Lifecycle Policy	Notes
<input type="checkbox"/> App Volumes 2.14 (ESB)	2018-05-28	2020-05-28	2021-05-28		EDP	
<input type="checkbox"/> App Volumes 2.15	2018-12-13	2020-12-13	2021-12-13		EDP	
<input type="checkbox"/> App Volumes 2.16	2019-03-14	2021-03-14	2022-03-14		EDP	
<input type="checkbox"/> App Volumes 2.17	2019-07-02	2021-07-02	2022-07-02		EDP	
<input type="checkbox"/> App Volumes 2.18 (ESB)	2019-09-16	2021-09-16	2022-09-16		EDP	
<input type="checkbox"/> App Volumes 4	2020-01-14	2022-01-14	2023-01-14		EDP	
<input type="checkbox"/> App Volumes 4 2006	2020-07-09	2022-07-09	2023-07-09		EDP	
<input type="checkbox"/> App Volumes 4 2009	2020-10-15	2022-10-15	2023-10-15		EDP	
<input type="checkbox"/> App Volumes 4 2012	2021-01-07	2023-01-07	2024-01-07		EDP	
<input type="checkbox"/> Cloud Director App Launchpad 1.0	2020-04-09	2022-04-09	N/A			
<input type="checkbox"/> Cloud Director App Launchpad 2.0	2020-10-15	2022-10-15	N/A			
<input type="checkbox"/> Cloud Director Object Storage Extension 1.5	2020-04-16	2022-04-16	N/A			
<input type="checkbox"/> Cloud Director Object Storage Extension 2.0	2020-10-15	2022-10-15	N/A			
<input type="checkbox"/> Dynamic Environment Manager 10 2006	2020-08-11	2022-08-11	2023-08-11		EDP	
<input type="checkbox"/> Dynamic Environment Manager 10 2009	2020-10-15	2022-10-15	2023-10-15		EDP	



VMware Product
Lifecycle Matrix

VMware Support Offerings

<https://www.vmware.com/support/services.html>

- **Skyline Advisor Support Entitlement Modes – [KB 79286](#)**
 - Different features in production vs. premier support
- [**Top 3 Reasons You Will Love Skyline Advisor**](#)
- [**Supercharge Your Support Experience with Skyline Health Diagnostics**](#)

Continuously guiding and driving success



On-Premises Production Support

VMware Production Support and Subscription Services is designed with your production environments in mind. Our global support centers are staffed around the clock to provide you access to our industry-leading expertise in virtualization and years of experience supporting virtual infrastructure products in real-world customer environments. We are committed to delivering enterprise-class, worldwide support with a single objective in mind: your success.

At-A-Glance

- Available by Region
- 24x7 support for Severity 1 issues
- Unlimited number of Support Requests
- Up to 6 Administrators
- Remote Support
- Online access to documentation and technical resources, knowledge base, discussion forums
- Online access to product updates and upgrades

[DOWNLOAD THE DATASHEET](#)

[SKYLINE PROACTIVE INTELLIGENCE](#)

Cloud Services Production Support

VMware Production Support for Cloud Products is designed with your access to SaaS products in mind. We are committed to delivering enterprise-class, worldwide support with a single objective in mind: your success. Our global support centers are staffed around the clock to ensure you have access to the product from your web browser anywhere the internet is available. VMware handles software deployment and maintenance, allowing you to focus on running your business.

At-A-Glance

- Available by Region
- 24x7 support for Severity 1 issues
- Unlimited number of Support Requests
- Up to 6 Administrators
- Online access to documentation and technical resources, knowledge base, discussion forums
- Cloud updates

[DOWNLOAD THE DATASHEET](#)

[SKYLINE PROACTIVE INTELLIGENCE](#)

VMware Product Guide

- A [guide to license terms and conditions for on-premises products that is regularly updated](#)
- As a compliment to this guide, the VMware EULA for on-premises products and Terms of Service for cloud and hosted services can be found here - <http://www.vmware.com/download/eula>

The screenshot shows the VMware End User Terms and Conditions page. At the top, there is a navigation bar with links for "On-Premises", "Cloud Services", "Support", and "Third-Party Software". Below the navigation bar, there is a section titled "On-Premises Software Offerings" which contains the text: "VMware commercial on-premises software offerings are provided under the VMware End User License Agreement and the VMware Product Guide:". There are two blue buttons labeled "VMWARE END USER LICENSE AGREEMENT" and "VMWARE PRODUCT GUIDE". A horizontal blue line separates this section from the "Cloud Service Offerings" section below. The "Cloud Service Offerings" section contains the text: "VMware commercial cloud and hosted services are provided under the VMware Terms of Service and the VMware Data Processing Addendum, together with the ancillary documents listed below.". There are two blue buttons labeled "VMWARE TERMS OF SERVICE" and "VMWARE DATA PROCESSING ADDENDUM".

VMware End User Terms and Conditions

On-Premises Cloud Services Support Third-Party Software

On-Premises Software Offerings

VMware commercial on-premises software offerings are provided under the VMware End User License Agreement and the VMware Product Guide:

VMWARE END USER LICENSE AGREEMENT VMWARE PRODUCT GUIDE

Cloud Service Offerings

VMware commercial cloud and hosted services are provided under the VMware Terms of Service and the VMware Data Processing Addendum, together with the ancillary documents listed below.

VMWARE TERMS OF SERVICE VMWARE DATA PROCESSING ADDENDUM

Handy Web Utilities

Demo Time!

- Ports and protocols - <https://ports.vmware.com>
- ConfigMax - <https://configmax.vmware.com>

Tour Stop #2

Security

The Extensive Guide to Using VMware Documentation Like a Pro

Security Configuration Guides (Formerly Hardening Guides)

<https://www.vmware.com/security/hardening-guides.html>

VMware Security Hardening Guides

Security Hardening Guides provide prescriptive guidance for customers on how to deploy and operate VMware products in a secure manner. Guides for vSphere are provided in an easy to consume spreadsheet format, with rich metadata to allow for guideline classification and risk assessment. They also include script examples for enabling security automation. Comparison documents are provided that list changes in guidance in successive versions of the guide.

Hardening Guides

NSX

- [NSX Security Configuration Guide](#)

vSphere Configuration Guides

- [vSphere Security Configuration Guide](#)

vRealize Security Configuration Guides

- [vRealize Automation](#)
- [vRealize Operations Manager](#)

Other VMware Products

- [vRealize Configuration Manager 5.5](#)
- [VMware Cloud Director Security](#)

vSphere Security Configuration Guides

<https://core.vmware.com/security-configuration-guide>

Security Configuration Guides for VMware vSphere

The vSphere Security Configuration Guide (SCG) is the baseline for security hardening of VMware vSphere itself. Started more than a decade ago, it has long served as guidance for vSphere Administrators looking to protect their infrastructure.

Share on: [f](#) [t](#) [in](#) [e](#)

Security Configuration Guides

VMware vSphere Security Configuration Guide 7
The vSphere Security Configuration Guide (SCG) 7 is the baseline for hardening and auditing guidance for VMware vSphere itself. Started more than a decade ago, it has long served as guidance for vSphere Administrators looking to protect their infrastructure

[Read More](#)

VMware vSphere Security Configuration Guide 6.7
The vSphere Security Configuration Guide (SCG) 6.7 is the baseline for hardening and auditing guidance for VMware vSphere itself. Started more than a decade ago, it has long served as guidance for vSphere Administrators looking to protect their infrastructure

[Read More](#)

VMware vSphere Security Configuration Guide 6.5
The vSphere Security Configuration Guide (SCG) 6.5 is the baseline for hardening and auditing guidance for VMware vSphere itself. Started more than a decade ago, it has long served as guidance for vSphere Administrators looking to protect their infrastructure

[Read More](#)

VMware vSphere Security Configuration Guide Archive
The vSphere Security Configuration Guide (SCG) is the baseline for hardening and auditing guidance for VMware vSphere itself. Started more than a decade ago, it has long served as guidance for vSphere Administrators looking to protect their infrastructure. This is an archive of hardening guidance for versions of vSphere past the end of their support.

[Read More](#)

Security Response Center

<https://www.vmware.com/security/vsrc.html>

Cloud Solutions Products Support & Services Downloads Partners Company

Intrinsic Security > VMware Security Response Center

VMware Security Response Center

The VMware Security Response Center (VSRC) leads the analysis and remediation of software security issues in VMware products. VSRC works with customers and the security research community to achieve our goals of addressing these issues and providing customers with actionable security information in a timely manner.

VSRC receives reports directly, and monitors the ecosystem for discussion, of security issues in VMware products. After validating a report, VSRC works with VMware Research and Development to develop a solution and schedule release via a VMware Security Advisory.

VMware Security & Compliance Blog

Visit Blog

- 03/10/2021
Announcing Coordinated Detection & Response from VMware Carbon Black and Proofpoint
With thousands of customers adopting the VMware Carbon Black Cloud to secure their endpoints and workloads, our ecos...
- 11/30/2020
Intrinsic Security: Best Practices for Using Automation to Simplify and Improve Threat Protection
Cybercrime is up 600% during the COVID-19 pandemic as companies continue relying on employees working remotely. ...
- 11/06/2020
VMware and Tianfu Cup 2020
Update November 08, 2020 Tianfu Cup International PWN Contest 2020 has been wrapped up with no attempts on our products ...

VSRC communicates activities on the VMware Security Response Center blog.

VMware Security Advisories

<https://www.vmware.com/security/advisories.html>

Intrinsic Security > [Advisories](#)

VMware Security Advisories

VMware Security Advisories document remediation for security vulnerabilities that have been identified in VMware products. Sign up on the right-hand side of this page to receive new and updated advisories.

May 28, 2020

VMSA-2020-0011

VMware ESXi, Workstation, Fusion, VMware Remote Console and Horizon Client updates address multiple security vulnerabilities (CVE-2020-3957, CVE-2020-3958, CVE-2020-3959)

May 19, 2020

VMSA-2020-0010

VMware Cloud Director updates address Code Injection Vulnerability (CVE-2020-3956)

May 08, 2020

VMSA-2020-0009.1

vRealize Operations Application Remote Collector (ARC) addresses Authentication

Intrinsic Security > [Advisories](#) > VMSA-2020-0011

VMware Security Advisories

Advisory ID	VMSA-2020-0011
Advisory Severity	Important
CVSSv3 Range	3.3-7.3
Synopsis	VMware ESXi, Workstation, Fusion, VMware Remote Console and Horizon Client updates address multiple security vulnerabilities (CVE-2020-3957, CVE-2020-3958, CVE-2020-3959)
Issue Date	2020-05-28
Updated On	2020-05-28 (Initial Advisory)
CVE(s)	CVE-2020-3957, CVE-2020-3958, CVE-2020-3959

1. Impacted Products

- VMware ESXi
- VMware Workstation Pro / Player (Workstation)
- VMware Fusion Pro / Fusion (Fusion)
- VMware Remote Console for Mac (VMRC for Mac)
- VMware Horizon Client for Mac

Sign up for Security Advisories

Enter your email address:

Subscribe

More Security Stuff...

- Security Development Lifecycle
 - <https://www.vmware.com/security/sdl.html>
- VMware Security Certifications
 - <https://www.vmware.com/security/certifications.html>
- Common Criteria Certifications
 - <https://www.vmware.com/in/security/certifications/common-criteria.html>

Security Best Practices and Resources

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.security.doc/GUID-412EF981-D4F1-430B-9D09-A4679C2D04E7.html>

The screenshot shows the VMware Docs website for the VMware vSphere product. The left sidebar contains a navigation tree for 'VMware vSphere' documentation, with 'Security Best Practices and Resources' selected. The main content area displays the title 'Security Best Practices and Resources', a summary, and a table of contents for the best practices. The table lists components like ESXi host, vCenter Server system, Virtual machine, and vSphere Networking, each with a corresponding security best practice link.

VMware® Docs

Search for VMware Product Information

EN V

Product

VMware vSphere

Expand All

Security in the vSphere Environment

- Securing the ESXi Hypervisor
- Securing vCenter Server Systems and Associated Services
- Securing Virtual Machines
- Securing the Virtual Networking Layer
- Passwords in Your vSphere Environment
- Security Best Practices and Resources**

vSphere Permissions and User Management Tasks

Securing ESXi Hosts

Securing vCenter Server Systems

Securing Virtual Machines

Virtual Machine Encryption

Configuring and Managing a Standard Key Provider

Configuring and Managing vSphere Native Key Provider

vSphere Trust Authority

Security Best Practices and Resources

Add to Library | RSS | Download PDF | Feedback

Updated on 02/02/2021

Selected product version: **VMware vSphere 7.0**

If you follow best practices, your ESXi and vCenter Server can be as secure as or even more secure than an environment that does not include virtualization.

This manual includes best practices for the different components of your vSphere infrastructure.

Security Best Practices

vSphere component	Resource
ESXi host	Securing ESXi Hosts
vCenter Server system	vCenter Server Security Best Practices
Virtual machine	Virtual Machine Security Best Practices
vSphere Networking	vSphere Networking Security Best Practices

This manual is only one of the sources you must use to ensure a secure environment.

VMware security resources, including security alerts and downloads, are available on the Web.

Tour Stop #3

Official Documentation – Docs, KBs, and More

The Extensive Guide to Using VMware Documentation Like a Pro

VMware Docs

<https://docs.vmware.com>



VMware Docs

Demo Time!

Explore the Docs



Search for VMware Product Information



vSphere



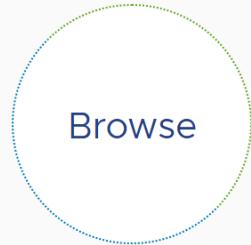
NSX-T Data Center



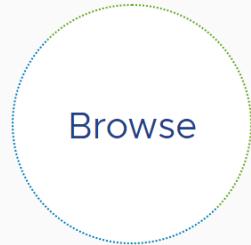
Horizon 7



vRealize Automation



Browse



All Products

Customized VMware Docs?

<https://docs.vmware.com>



VMware Docs

Build Custom Docs



Start using MyLibrary to create, annotate and share topics,
KB articles, code samples and more

- Tips and Tricks for Building Customized VMware Docs -
<http://blog.thenetworknerd.com/2018/12/07/tips-and-tricks-for-building-customized-vmware-docs/>

VMware Knowledge Base

<https://kb.vmware.com/s>

VMware Knowledge Base

 Search for topics, products or issues..

Recent Searches: [!\[\]\(b7315602bb91b3d742e7604f9ff807ab_img.jpg\) workspace one X](#) [!\[\]\(b0fbf77ee21a5095d18c1718320f179c_img.jpg\) NSX-T Data Center... X](#)

Tour Stop #4

Product Repositories



The Extensive Guide to Using VMware Documentation Like a Pro

Product Repositories

Demo Time!

- [Digital Workspace Tech Zone](#)
- [Networking and Security Tech Zone](#)
- [VMC Tech Zone](#)
- [Cloud Platform Tech Zone](#)
 - [VCF Resource Center](#)
 - [Storage, Resource, VM Admin Guides](#)
- [Carbon Black Tech Zone](#)
 - [Carbon Black vs. TMC](#)
- [vRealize Site](#)
- [Tanzu Content Library](#)
 - [Tanzu Docs](#)
 - [Tanzu Knowledge Base](#)
 - [Tanzu Customer Stories](#)
- [Pathfinder](#)

VMware Cloud

<https://www.vmware.com/cloud-solutions.html>

CloudHealth

Accelerate business transformation with the trusted enterprise and Managed

 **Cloud Partner Navigator**

Deliver multi-cloud services while simplifying business and customer

 **Google Cloud VMware Engine**

Use the tools, policies and processes you know to rapidly extend into Google Cloud.

Deliver Modern Apps on Any Cloud

VMware Cloud gives you ultimate flexibility to migrate to any cloud, run apps on every major hyperscale cloud, and access hundreds of innovative cloud-native services to drive app modernization. Choose the optimal cloud for your apps with the option to deploy natively or on proven VMware infrastructure.

VMware Cloud on AWS

 **Google Cloud**

Google Cloud VMware Engine

 **ORACLE**

Oracle Cloud VMware Solution

 **IBM Cloud**

IBM Cloud for VMware Solutions

 **Microsoft Azure**

Azure VMware Solution

 **VMware Cloud on AWS GovCloud**

Securely integrate a hybrid cloud offering that aligns with government agency regulations.

[LEARN MORE](#)

 **VMware Cloud on AWS Outposts**

Accelerate innovation in your data center with this as-a-service AWS infrastructure.

[LEARN MORE](#)

 **VMware Cloud on Dell EMC**

Bring a fully-managed Dell EMC cloud experience to your data center and edge environments.

[LEARN MORE ↗](#)

VMware Cloud Product FAQs

General
Pricing & TCO
Credit Card Payment
COVID-19 Business Continuity
Industry & Compliance
Support
Single Host SDDC
2-Host SDDC Cluster
VMware Cloud Disaster Recovery
VMware Site Recovery
Workload Migration
Compute
Stretched Clusters for VMware Cloud on AWS
Elastic DRS
Storage
Networking - General
Networking - Firewall and General Firewall
Networking - Direct Connect
Networking - VPN
Networking - VMware Transit Connect
Networking - Multi Edge SDDC
Hybrid Linked Mode
Microsoft Workloads
Service Operations

General

What is VMware Cloud on AWS?



Where is VMware Cloud on AWS available today?



What are the features included in VMware Cloud on AWS?



Can workloads running in a VMware Cloud on AWS SDDC integrate with AWS services?



How do I sign up for the service?



How does VMware protect customer data in VMware Cloud on AWS?



What VMware SDDC products do I need to have on-premises for VMware Cloud on AWS?



Is there localized language support for the international regions?



Where can I get more details, such as security, analytics, subscriptions, and service operations, about VMware Cloud on AWS service?

[VMC Roadmap](#)

Bitnami

<https://docs.bitnami.com/>



Community

More than 150 applications, servers and language runtimes packaged for your favorite platforms. Join a community of millions of developers and find out how easy is to get started!

[Bitnami Community Catalog](#)

Run any application in any environment

[Documentation](#)

Articles and guides to deploy and manage applications



Enterprise

Curate a custom catalog of open source containers, packaged for Kubernetes and delivered to your repository with VMware Tanzu Application Catalog

[VMware Tanzu Application Catalog](#)

Learn how you can streamline development with a continuously maintained catalog of open source components and applications.

CloudHealth

<https://www.cloudhealthtech.com/resources>



RESOURCE CENTER

Home > CloudHealth Training

Type: All Analyst Report Blog Case Study
Solution Brief Video Webinar

Topic: All AWS Azure Company & Culture
Data Center GCP Governance Integration
Performance Security Usage

About CloudHealth Academy

CloudHealth Academy enables you to tap into the collective knowledge of our cloud experts to get the most benefit from the platform to:

- Maximize ROI from the CloudHealth platform and your multi-cloud environment
- Leverage industry benchmarks and established best practices
- Drive engagement and increase stakeholder buy-in across your business

ACCESS CLOUDHEALTH ACADEMY

*To access CloudHealth Academy, log in to the CloudHealth platform, and navigate to the Help Center dropdown menu.

SD-WAN - <https://sase.vmware.com/sd-wan>

The screenshot shows the VMware SASE website. At the top, there is a navigation bar with links for SD-WAN, SASE, Products, Solutions, Partners, Support & Services, and Resources. A hand cursor is hovering over the 'Resources' link. To the right of the navigation bar are social media icons for Facebook, Twitter, YouTube, and LinkedIn, and a 'GET STARTED' button. The main content area is divided into several sections: 'Browse' (with links to White Papers & Reports, Webinars, Videos, Podcasts, and Blog), 'Case Studies' (with a sub-note about analyst reports and long-form research), 'Solution Overviews' (with a sub-note about a closer look at VMware solutions), 'eBooks' (with a sub-note about reading technology stories), 'Infographics' (with a sub-note about visualizing latest stats and trends), and 'Featured Resources' (listing the 2020 Gartner Magic Quadrant for WAN Edge Infrastructure, Software Defined WAN for Dummies, and VMware SD-WAN Edge Activation Guides). At the bottom of the page is a 'EXPLORE RESOURCES' button.

- Docs Link - <https://docs.vmware.com/en/VMware-SD-WAN/index.html>

VMware Cloud Marketplace

<https://marketplace.cloud.vmware.com/>

- Third-party solutions and services, designed and tested to run on VMware-based clouds (public / private / hybrid)

The screenshot shows the VMware Cloud Marketplace interface. At the top, there's a navigation bar with the VMware logo and a search bar. Below it, a banner for the "Management Pack for ServiceNow" by VMware Inc. is displayed. The main content area has a header "Categories" and a "View All" link. It features a grid of 16 categories, each with an icon and a name: AI + Machine Learning, Analytics, Business Application Services, Business Tools, Compute, Databases, Developer tools, DevOps, Hardware, Identity, Internet of Things, Management & Monitoring, Networking, Other, and a partially visible category at the bottom right. On the right side of the grid, there's a detailed description of the "Management Pack for ServiceNow" including screenshots of its interface.

Management Pack for ServiceNow
By: VMware Inc

Categories

View All

AI + Machine Learning

Analytics

Business Application Services

Business Tools

Compute

Databases

Developer tools

DevOps

Hardware

Identity

Internet of Things

Management & Monitoring

Networking

Other

Description

This embedded adapter for vRealize Operations contextualizes vRealize data by collecting ServiceNow CMDB configuration items (CIs) and mapping those to vRealize Operations objects based on a user-defined schema.

- Cloud Marketplace Blog -
<https://cloud.vmware.com/community/vmware-cloud-marketplace/>

Acquisition Odds and Ends

- [Lastline](#)
- [Nyansa](#)
- [Mesh7](#)
- [Salt](#)

Tour Stop #5

The World as Your Playground

The Extensive Guide to Using VMware Documentation Like a Pro

VMware Hands-on Labs

<https://labs.hol.vmware.com/HOL/catalogs/catalog/all>

 HOL-2104-01-SDC - Introduction to vSphere Performance

[Enrolled](#)  

VMware vSphere ensures workloads run with maximum performance on your ESXi hosts and clusters. This lab showcases what is new in vSphere 7.0 with regards to performance. Learn how to right-size VMs for your particular environment, so resources are not under or overprovisioned.

This lab is available in [English](#), [日本語](#)

Lab Modules		
#	Title	Time Level
1	vSphere 7.0 Performance: What's New?	30 B
2	Right-Sizing vSphere VMs for Optimal Performance	45 I

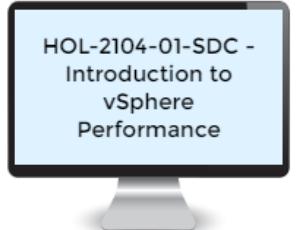
A **Module Time** can be either 15, 30, 45 or 60 Minutes in Length.
A **Module Level** can be either Beginning, Intermediate, or Advanced.

[INVITE A FRIEND](#) [ENROLLED](#)

[Close](#)

▼ LAB DETAILS

Time Limit: [1 hour 30 minutes](#)
Valid Period: [2 hours](#)
Exit Allowed: [No](#)
End Allowed: [Yes](#)
Availability: [Available Now](#)
Manual Languages: [日本語](#), [English](#)

 HOL-2104-01-SDC -
Introduction to
vSphere
Performance

THIS LAB ALSO EXISTS IN:

Catalogs: [Language: 日本語](#), [Multi-Cloud](#)

Products: [vSphere](#)
Related Content: [HOL-2104-02-SDC - vSphere Performance Testing of Workloads](#), [HOL-2104-03-SDC - vSphere Performance Testing of ESXi Host Subsystems](#)
Authors: [David Morse](#), [Randy Jones](#)

VMware Hands-on Labs – Hidden Gems

<https://labs.hol.vmware.com/HOL/catalogs/catalog/all>

KEY FEATURES

Simple and Efficient Management at Scale

- Enhanced vCenter Server Appliance Performance
- vSphere Quick Boot
- Single Reboot Upgrade
- Support for 4k Native Storage

Comprehensive Built-in Security

- Integration with Trusted Platform Modules 2.0 (TPM) and vTPM
- Virtual Based Security (VBS)
- Encrypted, Cross vCenter vMotion (xVC vMotion)

Universal App Platform

- Enhancements for Nvidia GRID vGPUs
- vSphere Persistent Memory (PMEM)
- Instant Clone

Seamless Hybrid Cloud Experience

- Hybrid Linked Mode
- Per-VM EVC

YOU HAVE FINISHED MODULE 1!



Click to enlarge

Congratulations on completing Module 1!

To review more info on the new features please use the links below:

- [What's New in vSphere 6.7 Whitepaper](#)
- [vSphere 6.7 On YouTube](#)
- [Mike Foley's Blog - ESXi & TPM](#)
- Or use your smart device to scan the QR Code.

INTEGRATION WITH TRUSTED PLATFORM MODULES

A Trusted Platform Module (TPM) is a computer chip/microcontroller that can securely store artifacts used to authenticate the platform (your PC or laptop). These artifacts can include measurements, passwords, certificates, or encryption keys. A TPM can also be used to digitally sign content and store platform measurements that help ensure that the platform remains trustworthy. The [Trusted Computing Group](#) has a detailed overview of what a TPM is and does.

Since ESXi 5.x, ESXi has had support for TPM 1.2. Prior to 6.7 the APIs and functionality of TPM 1.2 was limited to 3rd party applications created by VMware partners.

Download VMware Hands-on Labs Manuals



<https://hol.vmware.com/catalog/>

vmware® Hands-on Labs

Overview Try Our Labs Blog Documents Videos FAQs

FILTER BY: Catalog (1) x Product Language Module Duration x Search

2021 Hands-on Labs Content Catalog x

SKU	Title	Description	Summary
	HOL-2101-01-CMP	What's New in vRealize Operations 8.1 Explore what's new in vRealize Operations 8.1. Discover vSphere with Tanzu objects, Virtual Volumes and enhanced multi-cloud monitoring.	3 MODULES ja en

What's New in vRealize Operations 8.1

Captains: Ian Smith, Veronica Campos-Stover

Explore what's new in vRealize Operations 8.1. Discover vSphere with Tanzu objects, Virtual Volumes and enhanced multi-cloud monitoring.

Languages: 日本語 (Japanese), English

LAUNCH LAB

SHOW MODULES SHOW DOCUMENTATION

Documentation

LANGUAGE

English [HTML](#) [PDF](#)

日本語 (Japanese) [HTML](#) [PDF](#)

VMware Hands-on Labs – Lightning Strikes!

<https://labs.hol.vmware.com/HOL/catalogs/catalog/all>



HOL-2010-91-SDC - vSphere Distributed Switch - Lightning Lab

Explore the features of the vSphere Distributed Switch (vDS) by creating a new vDS and migrating a running virtual machine from an existing vSphere Standard Switch.



Lab Modules

#	Title	Time Level
1	Working with the vSphere Distributed Switch	30 B

A Module Time can be either 15, 30, 45 or 60 Minutes in Length.

A Module Level can be either Beginning, Intermediate, or Advanced.

[Close](#)

[INVITE A FRIEND](#)

[ENROLL](#)

TestDrive – A Step Beyond HOLs

<https://www.vmtestdrive.com/>

<https://kb.vmtestdrive.com>

- Free for VMUG Advantage Members
- Free for partners
- Free for customers...by invitation only

vmware® TestDrive

Start Exploring

Experience VMware's world-class products and solutions with TestDrive! Sign up for instant hands-on access to a globally available, high performance and integrated environment.

GET STARTED!

Kubernetes Academy

<https://kubernetes.academy/>

Courses

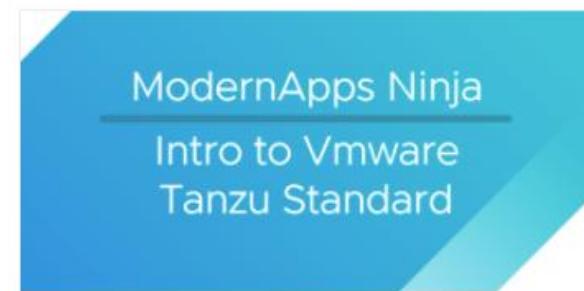
Kubernetes Academy courses are composed of a series of bite-size video lessons developed by expert instructors.

The page displays three course cards:

- Containers 101**: Basics, Beginner. This course lays the groundwork for your Kubernetes journey. You'll learn foundational knowledge on containers and how they work. 2 Lessons • 15:46
- Kubernetes 101**: Basics, Beginner. This course lays out the case for container orchestration and provides an overview of the concepts underlying Kubernetes, the leading container orchestration platform. 2 Lessons • 14:59
- Kubernetes in Depth**: Concepts, Beginner – Intermediate. From Kubernetes architecture to quick dives into Kubernetes object types. The Kubernetes in Depth course covers the concepts you'll need to understand how Kubernetes works. 6 Lessons • 45:28

Our Courses

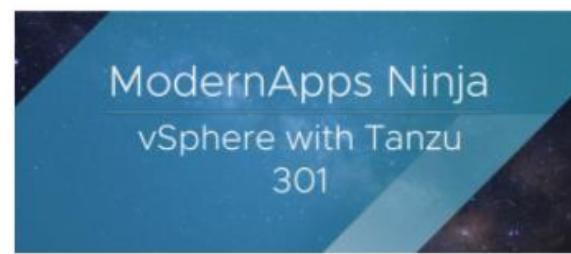
See All



Intro to VMware Tanzu Standard

This course provides an introductory technical overview to VMware Tanzu Basic and Tanzu Standard

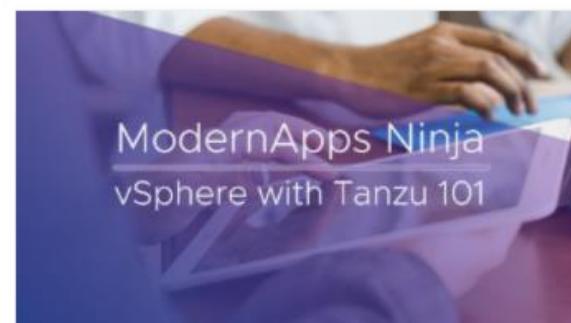
[View Course](#)



vSphere with Tanzu 301

This Course teaches how to install and configure vSphere with Tanzu

[View Course](#)



vSphere with Tanzu 101

This Course provides a technical introduction to vSphere with Tanzu

[View Course](#)

VMware Customer Connect Learning
<https://www.vmware.com/learning/connect-learning.html>
<https://vmwarelearningzone.vmware.com>

VMware Customer Connect Learning

Featured Courses

Introduction to Network Virtualization with NSX
Technical: Intrinsic Security
4.2/5.0 23124

VMware Cloud Fundamentals
Technical: Private and Hybrid Cloud
3.4/5.0 14593

VMware Data Center Virtualization Fundamentals
4.5/5.0 47146

VMware Server Virtualization Fundamentals (2021)
4.4/5.0 2383

VMware Open Source

<https://vmware.github.io>

The screenshot displays the VMware Open Source homepage with a dark blue header and a white content area. At the top center is the VMware logo, followed by the tagline "Building Open Source for Everyone". Below this is a paragraph about collaboration and project innovation. The main section is titled "Featured Open Source Projects" and contains six cards, each representing a different open-source project:

- Velero**: Backup and migrate Kubernetes applications and persistent volumes. (Icon: Blue circle with wavy lines)
- Sonobuoy**: Understand your Kubernetes cluster to ensure proper configuration. (Icon: Blue circle with layered hexagonal patterns)
- Octant**: Octant is an open source developer-centric web interface for Kubernetes that lets you inspect a Kubernetes cluster and its applications. (Icon: Blue circle with a multi-layered geometric pattern)
- Harbor**: A trusted cloud native registry that stores, signs, and scans content. (Icon: Green circle with a lighthouse-like tower)
- Concord**: A distributed trust foundation for enterprise-grade blockchains. (Icon: Green circle with a network graph of nodes)
- Tern**: Reveals package metadata embedded in a container image; supports license compliance. (Icon: Blue circle with horizontal bars)

VMware Mangle - <https://vmware.github.io/mangle>
Contribute at <https://github.com/vmware>



[Fork Mangle >](#)

The screenshot displays the GitHub organization profile for "VMware". The profile features the VMware Open Source logo and basic information like location (Palo Alto, CA) and website. Key metrics shown include 218 repositories, 1.6k people, 379 teams, and 5 projects. A "Verified" badge is also present. The "Repositories" tab is selected, showing a grid of pinned repositories:

- clarity**: UX guidelines, HTML/CSS framework, and Angular components working together to craft exceptional experiences. (TypeScript, 6.2k stars, 702 forks)
- photon**: Minimal Linux container host. (Python, 2.2k stars, 616 forks)
- pyvmomi**: VMware vSphere API Python Bindings. (Python, 1.8k stars, 711 forks)
- govmomi**: Go library for the VMware vSphere API. (Go, 1.6k stars, 642 forks)
- open-vm-tools**: Official repository of VMware open-vm-tools project. (C, 1.5k stars, 315 forks)

Project Clarity

<https://clarity.design/>

- Project Clarity is an open source design system that brings together UX guidelines, an HTML/CSS framework, and Angular components.
 - Used by over 100 VMware products!
 - Blog link -
<https://blogs.vmware.com/opensource/2018/12/04/announcing-clarity-1-0/>
 - Clarity Blog - <https://medium.com/claritydesignsystem>
- GitHub repository link -
<https://github.com/vmware/clarity/>



Tour Stop #6



Blogs, Community, and More

The Extensive Guide to Using VMware Documentation Like a Pro

Carbon Black

vmware® Carbon Black

<https://www.carbonblack.com/community>

A Community for Everyone



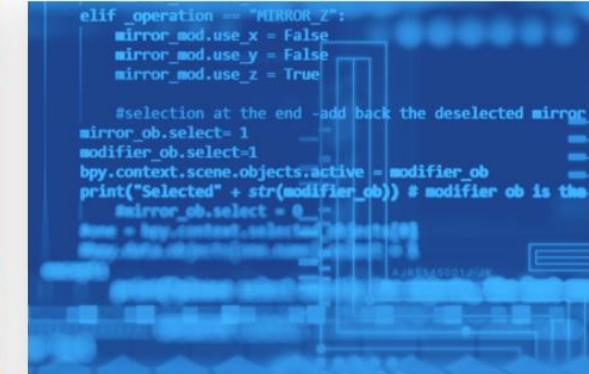
User Exchange

This online customer community connects you with security professionals from around the globe so you can learn, collaborate and share best practices to stay ahead of the adversary. Discuss product capabilities, industry challenges and how to overcome the latest threats with our customers and partners.



Defenders

Our VIP customer advocacy program provides an opportunity for our most active customers to access exclusive activities and rewards. Members of the program can participate in various activities, from thought leadership opportunities, directly providing feedback on products, sharing best practices and more.



Developer Network

Visit the Developer Network to learn more about our open APIs. We believe the key to an effective security strategy is providing open APIs so customers, partners and other vendors can tightly integrate with our solutions.



VMware {code}™

<https://code.vmware.com/join>

- Forums
- SDKs
- API Reference
- Code Samples
- Slack channel
- Developer Centers
 - vSphere
 - App Modernization
 - VMConAWS
 - NSX
 - WS1
 - SD-WAN
 - vRA

DEVELOPER EXPERIENCE

Explore VMware API References

Integrate with VMware APIs to build on top of VMware products, manage our portfolio and automate your infrastructure.

FEATURED API REFERENCES

vSphere Web Services API

Manage, integrate, and monitor lifecycle of virtual machines and other infrastructure components (datacenter, network, datastores, and so on)

[GO TO API REFERENCE](#)

vSphere Automation API

Manage and automate infrastructure operations through vSphere REST APIs

[GO TO API REFERENCE](#) [RESOURCES](#)

Horizon View API

Manage virtual desktops and Horizon View environments

Developer Documentation -
<https://developer.vmware.com>

NSX-T Data Center API

Provides an agile software-defined infrastructure to build cloud-native application environments

[GO TO API REFERENCE](#)

VMware Cloud on AWS API

Automate and manage complex environment of hybrid cloud infrastructure at scale

[GO TO API REFERENCE](#) [RESOURCES](#)

vSAN Management API

Automate lifecycle operations of vSAN and build solutions integrated into vSAN

[GO TO API REFERENCE](#)

VMware Design

<http://vmware.design/research.html>



- Follow the link to join the VMware Design Studio Program and participate in product feedback studies
- VMware Design Blog - <https://medium.com/vmwaredesign>

VMware Event Broker Appliance (VEBA)

<https://vmweventbroker.io/>



Unlocking the Hidden Potential of Events in the VMware SDDC

Use event-driven automation and take your vSphere Events to the next level! Easily trigger custom or pre-built actions to deliver powerful integrations within your datacenter but also across public cloud services. Integrations like Slack, Pager Duty, Service Now, etc. has never been easier before

#VEBA brings a Day 🌅 Night of difference to your SDDC

[DOWNLOAD & INSTALL](#) [DEPLOY FUNCTIONS](#)



Extend vCenter Actions

Simplify integrations and deliver new automated capabilities to vCenter



Event-Driven Functions

Imagine new possibilities with functions triggered by vSphere Events.



Bring Your Own Language

Build functions using the language of your choice

#VEBA Use Cases

🔔 Notification

Enable additional notification channels such as Slack, PagerDuty, SMS, etc.

⚡ Automation

Automate repetitive tasks and improve efficiency with event-driven functions powered by OpenFaaS

☁️ Integration

Consume vCenter Events using the public cloud services of your choice

⬆️ Remediation

Streamline operations by leveraging events to monitor and automate remediation efforts

🕵️ Audit

Cut through the noise! Store some or all the events that you care about for future use

📈 Analytics

Take it a step further and learn from the past to help predict future trends or issues

[SEE ALL USE CASES](#)



VMware Blogs

<https://blogs.vmware.com/>

- Aggregation of VMware blogs in one spot

vmware® VMware Blogs

VMware Blogs

FEATURED ARTICLES



Cloud

Working With Kubernetes Pipelines & Tasks In VMware Code Stream

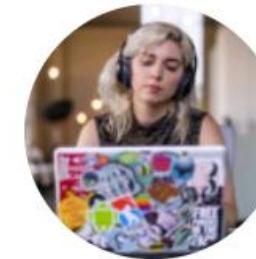
VMware Code Stream brings a great feature to manage Kubernetes clusters via tasks in Code Stream pipelines.

Mark Ukotic

All Company Cloud Security Digital Workspace Modern Apps

VMware.com | Communities

AFFILIATE BLOGS



[View Affiliate Articles](#)

VMware has over 1000 external bloggers in its affiliate program. Check out the blog stream, where over 1000 bloggers stream articles daily.

Interesting Blogs to Follow

- [VMware Cloud Provider Blog](#)
 - Stay on top of the current news in the world of VMware service providers.
- [VMware Support Insider](#)
 - Keep track of the latest set of KBs released, and subscribe to the ones that are most important. Learn about new enhancements to VMware Skyline and other news.
- [VMware Careers](#)
 - Did you know we had a careers blog? Maybe this can give candidates some idea of what it's like to be a part of VMware.
- [VMware Education](#)
 - Are you paying attention to the certification programs and how they have changed or what new courses might be offered? This is the place.
- [VMware Open Source Blog](#)
 - What is VMware up to in the open source world? What is it like to work in the VMware Open Source Technology Center? Get the answers to these questions and more!
- [VMware on VMware Team Blog](#)
 - Learn from the team within VMware who deploy and manage the company's use of VMware products.
- [Virtualize Applications Blog](#)
 - Find helpful stuff on virtualizing SAP, Oracle, SQL as well as articles on Big Data and High Performance Computing
- [Office of the CTO Blog](#)
 - Thought leadership from the Office of the CTO (tech deep dives, force for good, co-innovation, work culture, customer voice, etc.)
- [RADIUS Blog](#)
 - Stories at the Edge – multiple topics and formats

Helpful VMware Podcasts

- VMware Communities Roundtable Podcast
 - <https://www.talkshoe.com/show/vmware-communities-roundtable>
- Virtually Speaking Podcast
 - <https://www.vspeakingpodcast.com/>

VMware Technology Network (VMTN)

<https://communities.vmware.com>

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ESXi Arm Edition

Summary Requirements Video Changelog Comments 138 Bugs 7



October 22, 2020

v1.1

I have read and agree to the [Technical Preview License](#) I also understand that Flings are experimental and should not be run on production systems.

ESXi-Arm-ISO

Hello ESXi-Arm Fling participants!

Over the past several years, you've seen us demonstrate our virtualization technology on the Arm platform across several use cases, everything from running mission critical workloads on a windmill, to running on the SmartNIC, to running on AWS Graviton in the cloud. We realized that the resilient platform created for the datacenter can be equally valuable in non-traditional environments. We've learned a lot from exploratory discussions with customers and Arm Silicon Partners.

Now we'd like to give our customers a chance to evaluate this technology in their own environments. This evaluation program is for the enterprise architects who are considering the viability of virtualizing Arm workloads, for the test/dev team looking for a way to spin up Arm environments, and for the tinkerers who simply want to explore running ESXi-Arm in a small form factor Edge environment. We're interested to understand what features you will find most valuable, and how you will want to deploy this technology.

VMware Flings - <https://flings.vmware.com/>

10 years of Flings - <https://octo.vmware.com/flings-amazing-decade-innovation/>

VMware Flings

<https://flings.vmware.com/>

PRODUCTIZED



vSphere HTML5 Web Client

Sep 09,
2019
v4.3 - Build
14483008

The vSphere HTML5 Web Client is here! It is written using HTML5 and Javascript, and we are ...

PRODUCTIZED



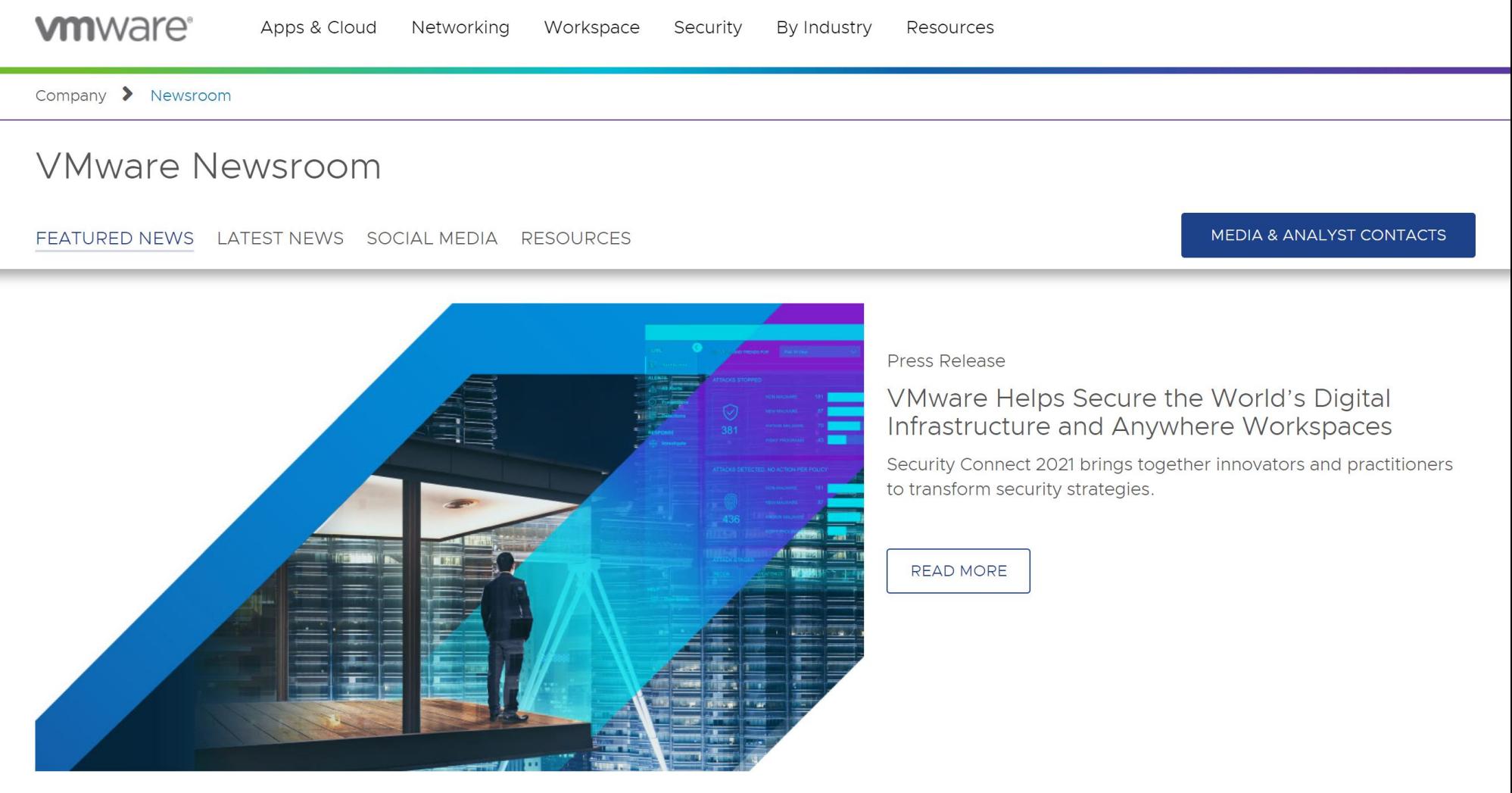
ESXi Embedded Host Client

Feb 05, 2019
v1.33.1

This version of the ESXi Embedded Host Client is written purely in HTML and JavaScript, and is served ...

The VMware Newsroom

<https://www.vmware.com/company/news.html>



The screenshot shows the VMware Newsroom homepage. At the top, there's a navigation bar with the VMware logo and links for Apps & Cloud, Networking, Workspace, Security, By Industry, and Resources. Below the navigation is a breadcrumb trail: Company > Newsroom. The main title "VMware Newsroom" is centered above a row of buttons: FEATURED NEWS (underlined), LATEST NEWS, SOCIAL MEDIA, and RESOURCES. To the right is a blue button labeled "MEDIA & ANALYST CONTACTS". The main content area features a large image of a man in a suit looking out at a modern building with glass walls, overlaid with a blue diagonal shape and a digital interface showing security metrics like "ATTACKS STOPPED" (381) and "ATTACKS DETECTED, NO ACTION PER POLICY" (436). To the right of the image is a "Press Release" section with the title "VMware Helps Secure the World's Digital Infrastructure and Anywhere Workspaces" and a subtitle about Security Connect 2021. A "READ MORE" button is at the bottom of this section.

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Apps & Cloud Networking Workspace Security By Industry Resources

Company > Newsroom

VMware Newsroom

FEATURED NEWS LATEST NEWS SOCIAL MEDIA RESOURCES

MEDIA & ANALYST CONTACTS

Press Release

VMware Helps Secure the World's Digital Infrastructure and Anywhere Workspaces

Security Connect 2021 brings together innovators and practitioners to transform security strategies.

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- [@vmwarehorizon](#)
- [@VMwareSASE](#)
- [@VMTNcommunity](#)
- [@MyVMUG](#)

This is NOT an exhaustive list



Tour Stop # 7

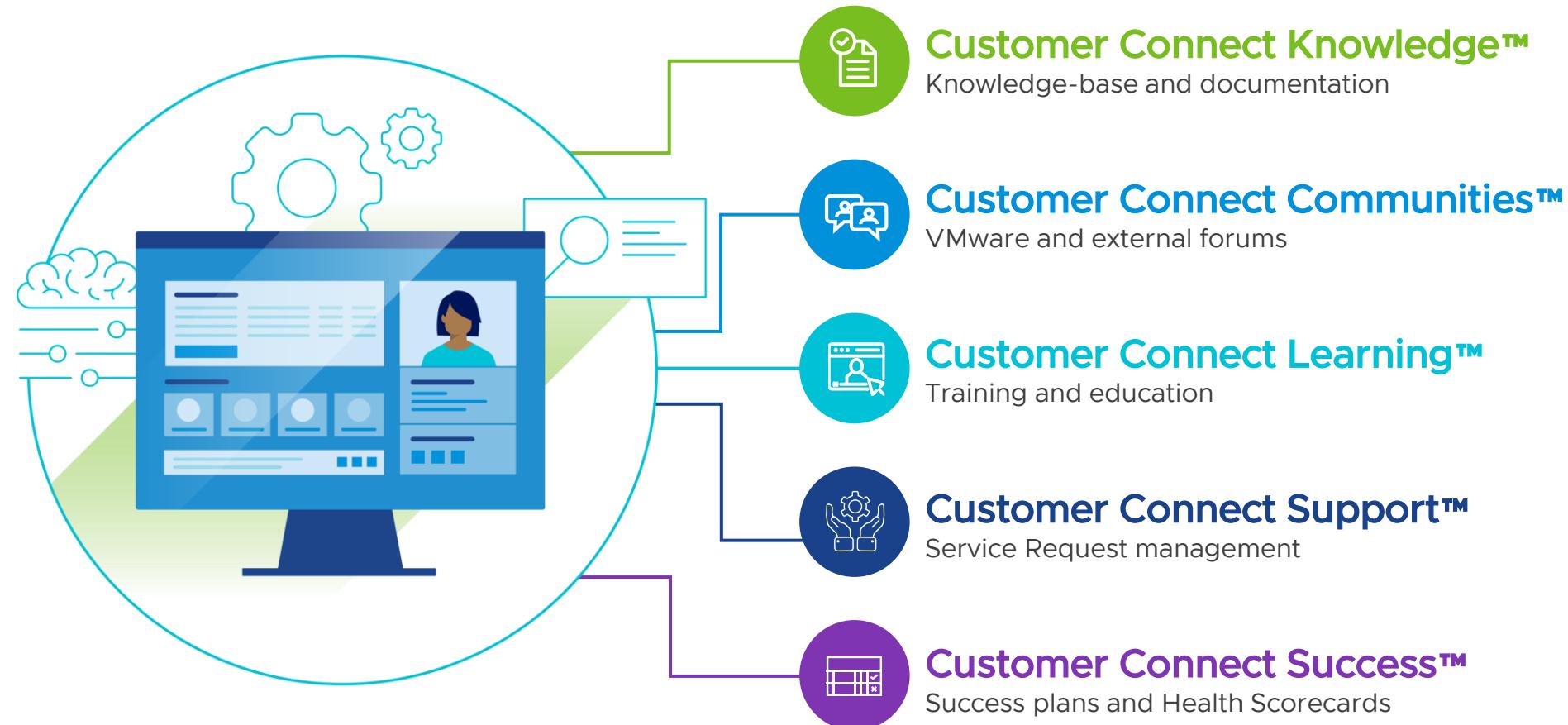
Bringing Things Together

VMware Customer Connect

A new digital experience

Customer Connect AI

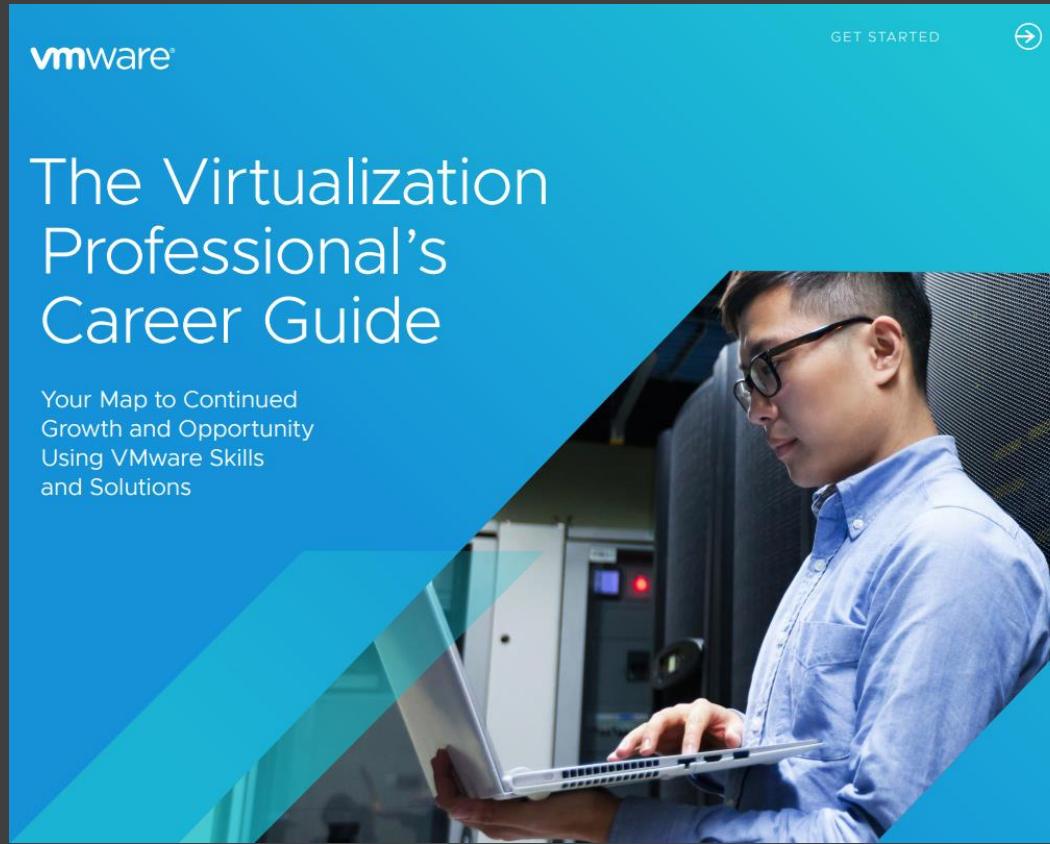
- ✓ Anticipates needs
- ✓ Provides automated guidance and assistance
- ✓ Offers predictive recommendations



Customer Connect Pacesetter Program

The Virtualization Professional's Career Guide

<https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/resources/vmw-ebook-virtualization-professionals-career-guide-uslet.pdf>



	Introduction	Example VI Career Paths	Key Skills Checklist	Build on Existing Skills	Lessons Learned	
		Critical Personal Attributes	Springboard to Opportunities	Accessible Learning	Boost Your Career	

The Journey Continues

- Twitter - @NetworkNerd_
- Blog – <http://blog.thenetworknerd.com>
- Podcast – <http://www.nerd-journey.com>
- Find this Presentation on GitHub -
<https://github.com/TheNetworkNerd/Presentations>

