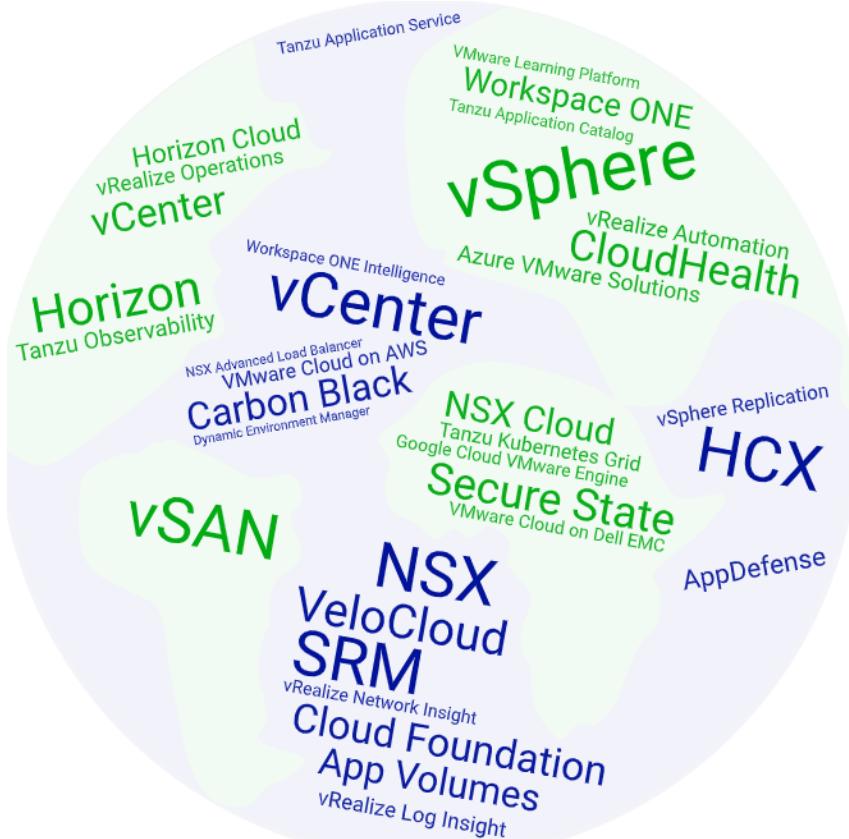


# The Extensive Guide to Using VMware Documentation Like a Pro

Nick Korte (@NetworkNerd\_)

# A World of Products



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

# VMware Acquisitions

## 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

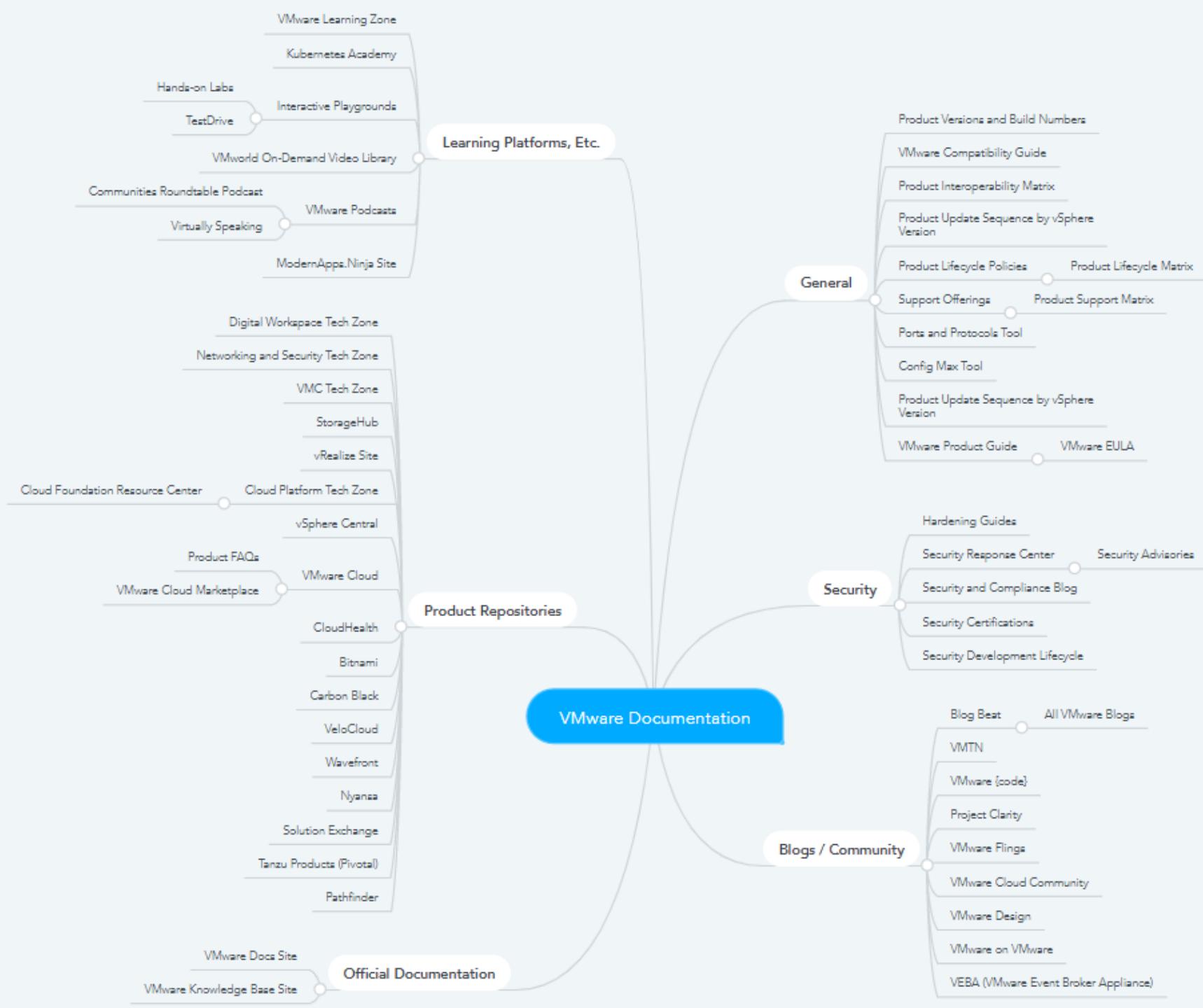
Heptio (November 2018)  
CloudHealth (August 2018)  
Dell EMC Assurance Suite (August 2018)  
E8 Security (March 2018)  
CloudCoreo (February 2018)  
CloudVelox (February 2018)



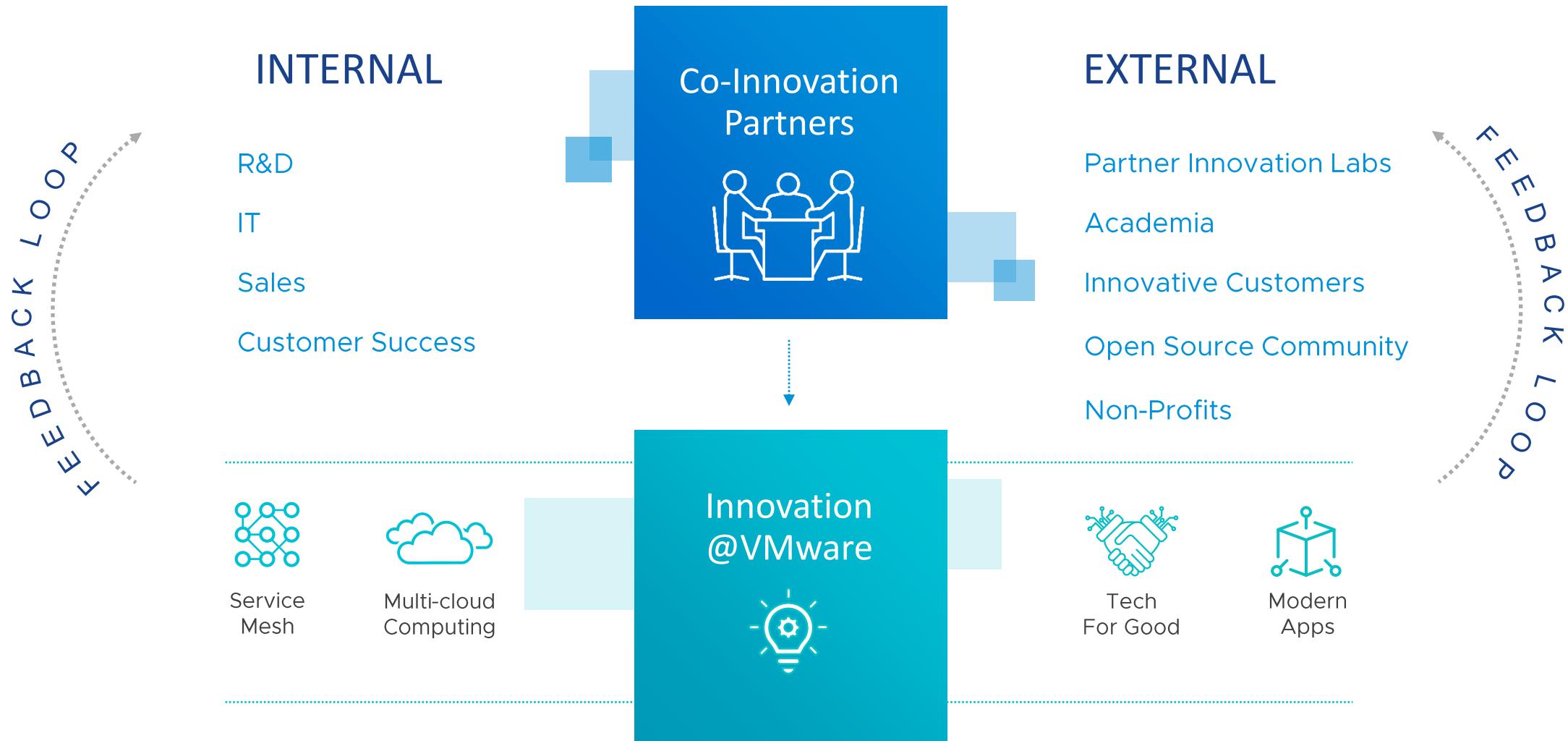
# We're Going on Tour!

# 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](#)

• • • • •

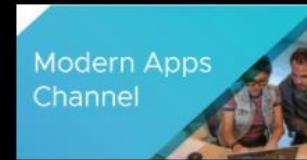
## Channels



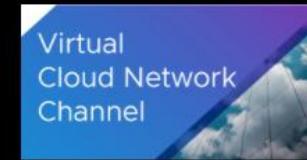
Digital Workspace Channel



Multi-Cloud Channel



Modern Apps Channel



Virtual Cloud Network Channel



Intrinsic Security Channel

Relax and Chill with VMware TV

<https://onlinexperiences.com/Launch/Event>ShowKey=79961>

## 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](#)

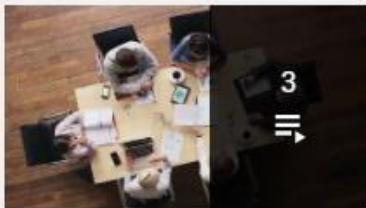


## Key announcement themes | VMworld 2020

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](#)



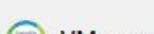
VMware NSX

[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

# Build Numbers and Versions – [KB 1014508](#)

VMware® vSphere® | vSphere Client version 6.7.0.20000

## Correlating build numbers and versions of VMware products (1014508)

Last Updated: 2/10/2020 Categories: Informational 22 subscribe

▼ 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	<a href="#">Build numbers and versions of VMware Converter Standalone (2143828)</a>
VMware Data Recovery	<a href="#">Build numbers and versions of VMware Data Recovery (2143852)</a>
VMware ESXi/ESX	<a href="#">Build numbers and versions of VMware ESXi/ESX (2143832)</a>
VMware Horizon View	<a href="#">Build numbers and versions of VMware Horizon View (2143853)</a>
VMware NSX for vSphere	<a href="#">Build numbers and versions of VMware NSX for vSphere (2143854)</a>
VMware Site Recovery Manager	<a href="#">Build numbers and versions of VMware Site Recovery Manager (2143851)</a>
VMware vCenter Server	<a href="#">Build numbers and versions of VMware vCenter Server (2143838)</a> ←

# Build Numbers and Versions – KB 1014508

VMware® vSphere®

vSphere Client version 6.7.0.20000

Version	Release Date	VAMI/Release Notes	Client/MOB/vpxd.log
vCenter Server 7.0.0a	2020-05-19	16189094	
vCenter Server 7.0 GA	2020-04-02	15952498	15952599

VCSA	Version	Release Date	VAMI/Release Notes	Client/MOB/vpxd.log
	vCenter Appliance 6.7 Update 3h	2020-05-28	16275304	
	vCenter Appliance 6.7 Update 3g	2020-04-28	16046470	
	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
	vCenter Appliance 6.7 Update 3 (6.7.0.40000)	2019-08-20	14367737	14368073
	vCenter Appliance 6.7 Update 2c (6.7.0.32000)	2019-07-16	14070457	14070654
	vCenter Appliance 6.7 Update 2b (6.7.0.31100)	2019-05-30	13843380	13843469
	vCenter Appliance 6.7 Update 2a (6.7.0.31000)	2019-05-14	13643870	13639324
	vCenter Appliance 6.7 U2 (6.7.0.30000)	2019-04-11	13010631	13007421
	vCenter Appliance 6.7 U1b (6.7.0.21000)	2019-01-17	11726888	11727113
	vCenter Appliance 6.7 U1a (6.7.0.20100)	2018-12-20	11338176	11338799
	vCenter Appliance 6.7 U1 (6.7.0.20000)	2018-10-16	10244745	10244857

# \*\*\*Demo Time!\*\*\*

# VMware Compatibility Guide

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  
ESXi 6.7 U3  
ESXi 6.7 U2  
ESXi 6.7 U1  
ESXi 6.7

**System Type:**  
All  
Blade  
Mother Board  
Rack or Tower  
Rackmount  
Tower

**Additional Criteria:** (Collapse All)

**Min Certified Memory:**  
All

**Sockets:**  
All

**Max Cores per Socket:**  
All

**CPU Series:**  
All  
AMD EPYC 7001 Series  
AMD EPYC 7002/7Fx2 Series  
AMD Opteron 22xx Series  
AMD Opteron 23xx Series  
AMD Opteron 24xx Series  
AMD Opteron 41xx Series

**Max Certified Memory:**  
All

**Enhanced vMotion Capability Modes:**  
All  
AMD Opteron™ Generation 1  
AMD Opteron™ Generation 2  
AMD Opteron™ Generation 3  
AMD Opteron™ Generation 3 without 3DM  
AMD Opteron™ Generation 4

**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

**Keyword:**

The VMware Compatibility Guide

# \*\*\*Demo Time!\*\*\*

Interoperability

Solution/Database Interoperability

Upgrade Path

## 1. Select a Solution

If you do not know the *solution's* version leave it blank.



VMware vSphere Hypervisor (ESXi)	7.0 U1	7.0	6.7 U3	6.7 U2	6.7 U1	6.7.0	6.5 U3	6.5 U2	6.5 U1
VMware NSX-T Data Center	+	All versions							
+ Add Another Solution									
Copy CSV Print									

Hide empty rows and columns  Hide unsupported releases [Collapse All](#)

Interoperability Matrix

VMware vSphere Hypervisor (ESXi) 7.0 U1 7.0 6.7 U3 6.7 U2 6.7 U1 6.7.0 6.5 U3 6.5 U2 6.5 U1

VMware NSX-T Data Center

3.1.0

3.0.2

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

# 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](#)

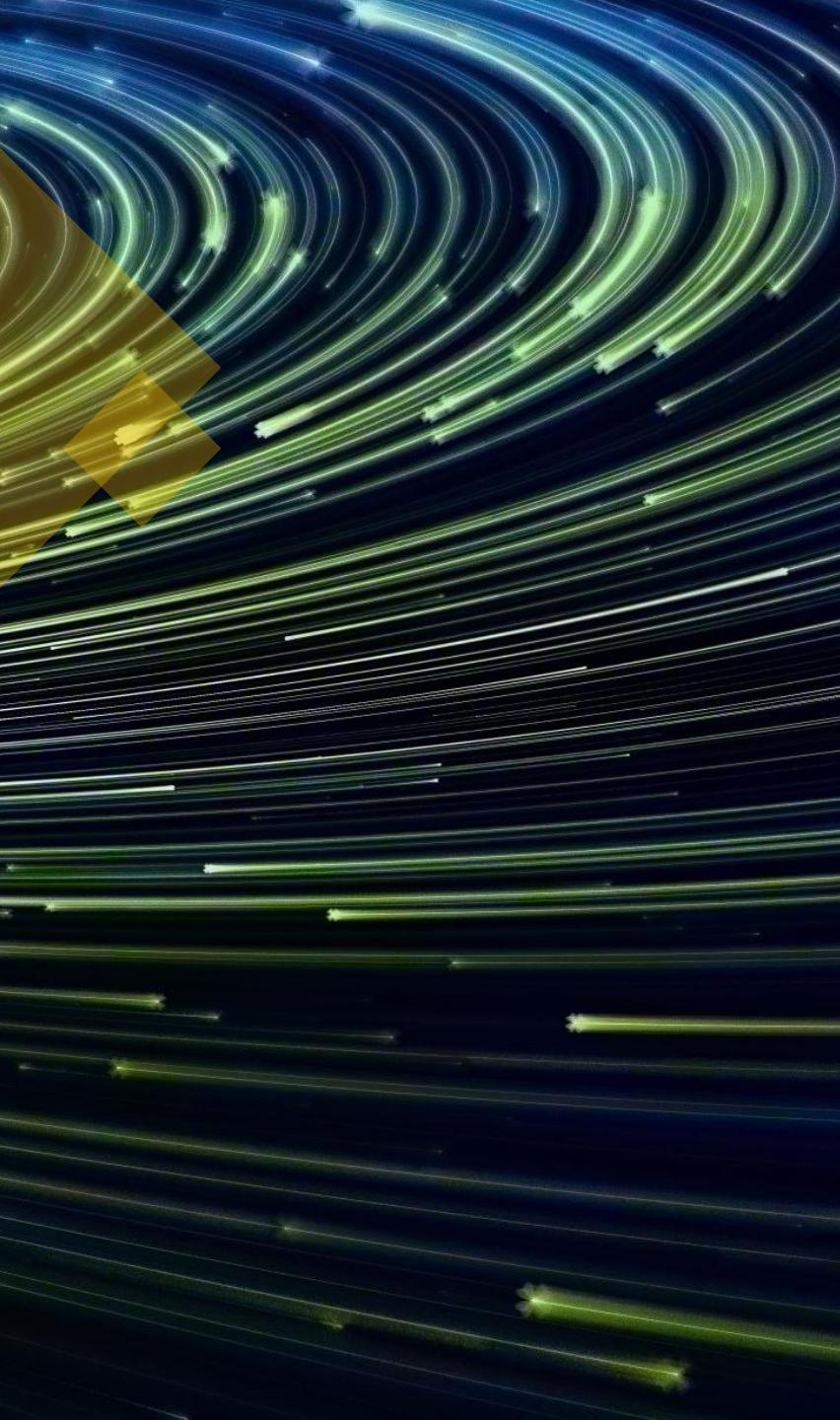
### Resolution

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



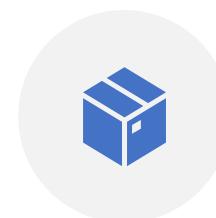
GENERAL SUPPORT  
PHASE



TECHNICAL  
GUIDANCE PHASE



END OF SUPPORT  
LIFE



END OF AVAILABILITY  
/ END OF  
DISTRIBUTION

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

# VMware Lifecycle Product Matrix

<https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/support/product-lifecycle-matrix.pdf>

## VMware Lifecycle Product Matrix

Supported Products, as of October 30, 2020

Dates highlighted in red indicate a product version is within 6 months of End of General Support or End of Technical Guidance.

Dates highlighted in purple indicate a product version has gone past its End of General Support.

PRODUCT RELEASE	GENERAL AVAILABILITY	END OF GENERAL SUPPORT	END OF TECHNICAL GUIDANCE	LIFECYCLE POLICY	END OF AVAILABILITY	NOTES
App Volumes 2.14 (ESB)	2018/05/28	2020/05/28	2021/05/28	EDP		
App Volumes 2.15	2018/12/13	2020/12/13	2021/12/13	EDP		
App Volumes 2.16	2019/03/14	2021/03/14	2022/03/14	EDP		
App Volumes 2.17	2019/07/02	2021/07/02	2022/07/02	EDP		
App Volumes 2.18 (ESB)	2019/09/16	2021/09/16	2022/09/16	EDP		
App Volumes 4	2020/01/14	2022/01/14	2023/01/14	EDP		
App Volumes 4 2006	2020/07/09	2022/07/09	2023/07/09	EDP		

# VMware Support Offerings

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

- Product support matrix -

<https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/support/support-by-product-matrix.pdf>

## Extended Support

Protection against security threats and severity 1 issues after a product reached end of support.  
[Extended Support >>](#)

## On-Premises Support

### VMware Skyline

Proactive support beyond break/fix. VMware Skyline expects the unexpected in your environment, turning high-pressure challenges into opportunities to shine.  
[Get Started with Skyline >>](#)

### Premier Support

VMware Premier Support provides priority access to senior engineers, account management and advanced Skyline features.

[VMware Premier Support >>](#)

[Premier Support for Financial >>](#)

[Premier Support for Healthcare >>](#)

[Premier Support for Telco >>](#)

### Production Support

Focused, 24-hour support for production environments.

[Production Support >>](#)

### Basic Support

Non-critical support. 12 hours per day, 5 days per week.

[Basic Support >>](#)

## Cloud Services Support

### Cloud Services Premier Support

VMware Premier Support provides priority access to senior engineers, account management and advanced Skyline features.

[VMware Premier Support >>](#)

[Premier Support for Financial >>](#)

[Premier Support for Healthcare >>](#)

[Premier Support for Telco >>](#)

### Cloud Services Production Support

Production level support for all Cloud-based products with 24x7 coverage for all Severity 1 issues

[Cloud Services Production Support >>](#)

# 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 tabs for ON-PREMISES, CLOUD SERVICES, SUPPORT, and THIRD-PARTY SOFTWARE. The ON-PREMISES tab is selected. Below the navigation bar, the page title is "VMware End User Terms and Conditions".  
  
The main content area is divided into two main sections:

- On-Premises Software Offerings:** This section contains a sub-section titled "VMware commercial on-premises software offerings are provided under the VMware End User License Agreement and the VMware Product Guide". It features two blue buttons: "VMware End User License Agreement" and "VMware Product Guide".
- Cloud Service Offerings:** This section contains a sub-section titled "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". It features two blue buttons: "VMware Terms and Services" and "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

# Security Hardening / Security Configuration

<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 6.7 Update 1

- [vSphere 6.7 Update 1 Security Configuration Guide](#)
- [vSphere 6.7 Security Configuration Guide - Deprecated Guide](#)

#### vSphere 6.5 Update 1

- [vSphere 6.5 Update 1 Security Configuration Guide](#)

#### vSphere 6.5

- [vSphere 6.5 Security Configuration Guide](#)

# 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 releases that a [VMware Security & Compliance Blog](#) 

For further details on the process and our commitment to customer security, visit [Blog](#)

VSRC answers customer questions through VMware Global Support. In cases where GSS requires additional input, GSS relays the question to the VSRC.

VSRC communicates activities on the [VMware Security Blog](#) and

- [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 ...
- [09/23/2020](#)  
Challenges of Implementing XDR  
In our previous blogs, we discussed the emergence of XDR and its differentiation compared to other security solutions a...
- [09/14/2020](#)  
Understanding XDR: Q&A with Evin Hernandez  
While Extended Detection and Response (XDR) is seen as the next evolution of security incident detection, investigation...

# 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>

# Tour Stop # 3

Official Documentation - Docs and KBs

# VMware Docs

<https://docs.vmware.com>



# VMware Docs

Explore the Docs



Search for VMware Product Information



vSphere



NSX-T Data Center



Horizon 7



vRealize Automation



Browse

All Products

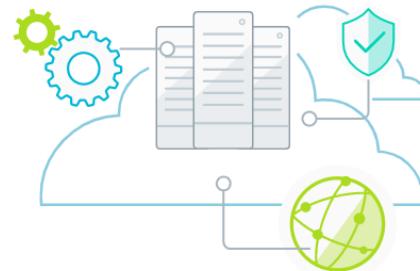
# Customized VMware Docs?

<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>

KB

VMware Knowledge Base

## VMware Knowledge Base

Search for topics, products or issues..

Recent Searches: [workspace one](#) [NSX-T Data Center...](#)

- KBs and Beyond – Exploring the VMware Knowledge Base Site -  
<http://blog.thenetworknerd.com/2019/01/31/kbs-and-beyond-exploring-the-vmware-knowledge-base-site/>

# Tour Stop #4

Product Repositories



Research  
A careful study or a systematic study in order to establish facts or to discover new information.

Ideas  
Any thought, opinion, creation, suggestion or conception that is existing in the mind as to a possible cause of action.

Analysis  
A process to examine something in detail in detail in order to explain it as a basis of discussion or interpretation.

Function  
An action or activity proper to a person or thing; the purpose for something which is designed for.

# Product Repositories

\*\*\*Demo Time!\*\*\*

- Digital Workspace Tech Zone
- Networking and Security Tech Zone
- VMC Tech Zone
- Cloud Platform Tech Zone
- vRealize Site
- Tanzu Content Library
  - Tanzu Docs
  - Tanzu Knowledge Base

# VMware Cloud

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

**CloudHealth**

Accelerate business transformation with the trusted enterprise and Managed Service Provider multi-cloud management platform.

[LEARN MORE ↗](#)

**Horizon 7 on VMware Cloud on AWS**

A seamlessly integrated hybrid cloud for virtual desktops and applications.

[LEARN MORE ↗](#)

**Google Cloud VMware Engine**

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

[LEARN MORE](#)

**Horizon Cloud**

A service that enables the delivery of cloud-hosted virtual desktops and apps to any device, anywhere.

[LEARN MORE ↗](#)

**IBM Cloud for VMware Solutions**

Simplify your path to cloud, and go further once you're there.

[LEARN MORE](#)

**NSX Cloud**

Enable consistent networking and security for apps running natively in public clouds.

[LEARN MORE ↗](#)

**Oracle Cloud VMware Solution**

Support a fully functional VMware environment in the secure, high-performance Oracle Cloud.

[LEARN MORE](#)

**VMware Cloud on AWS**

Rapidly extend or migrate your on-premises vSphere environment to the AWS public cloud.

[LEARN MORE](#)

**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 Director service**

Build secure cloud services for your organisation's line of business by pooling VMware Cloud on AWS virtual infrastructure resources into virtual datacenters for self service consumption.

[LEARN MORE ↗](#)

**VMware Cloud Disaster Recovery**

Easily access on-demand disaster recovery with this SaaS solution, with cloud economics.

[LEARN MORE](#)

**VMware Cloud Foundation**

The unified SDDC platform that delivers enterprise-ready cloud infrastructure for the private and public cloud.

[LEARN MORE ↗](#)

**VMware Cloud Providers**

Formerly vCloud Air Network; a global ecosystem of cloud providers.

[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 Site Recovery

Workload Migration

Compute

Stretched Clusters for VMware Cloud on AWS

Elastic DRS

Storage

Networking

Hybrid Linked Mode

Service Operations

Third Party Technology Solutions

API Automation

VMWare Cloud Director service

VMware Tanzu Kubernetes Grid Plus

VMware Horizon 7 on VMware Cloud on AWS

VMware vRealize Automation Cloud

VMware vRealize Operations Cloud

vRealize Log Insight Cloud

vRealize Network Insight Cloud

Onboarding

Search 

## 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?**

# 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.

# Carbon Black

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

vmware® Carbon Black

LEARN

[Resource Library >](#)

[Webinars >](#)

[Customer Success Stories >](#)

[Threat Research >](#)

[Definitions >](#)

[Open Source Tools >](#)

ONBOARDING

[Training >](#)

[Services >](#)

[Support](#) A Community for Everyone

Product

USER EXCHANGE

## 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 Carbon Black customers and partners.

[Visit the User Exchange →](#)

CONNECT

[Community >](#)

[Blog >](#)

vmware® DEFENDERS

## Defenders

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

[Learn More About the Defenders →](#)

/DEVELOPERS

## Developer Network

Visit the Developer Network to learn more about VMware Carbon Black's 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.

[Visit the Developer Network →](#)

# VMware SD-WAN by VeloCloud

<https://www.velocloud.com/sd-wan-resources>

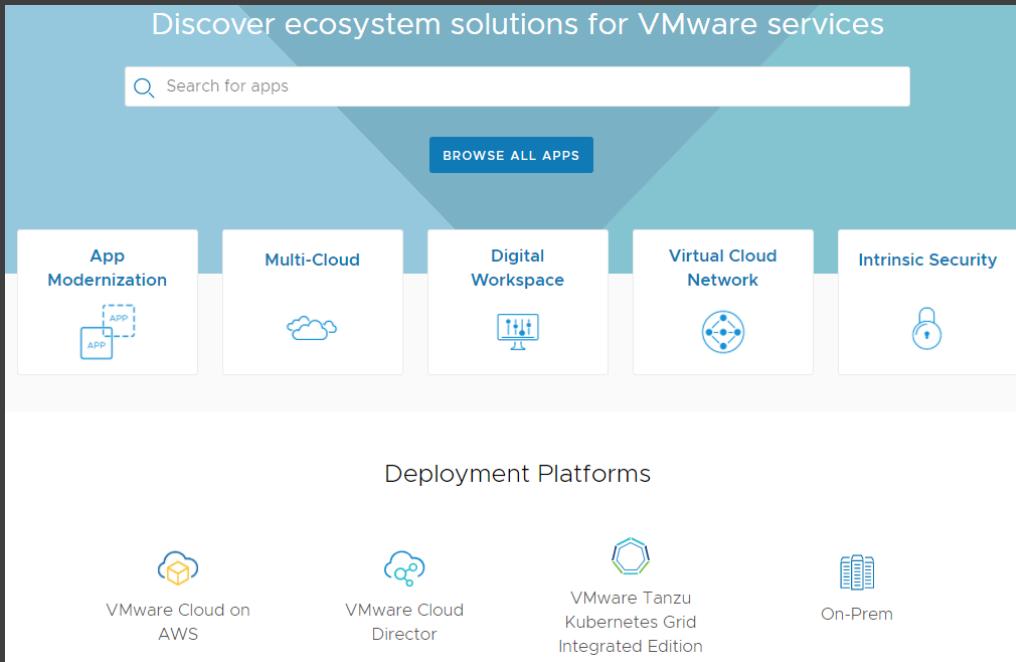
- SD-WAN 360 Podcast
  - <https://www.velocloud.com/sd-wan-resources/podcasts/sd-wan-360>
- SD-WAN Webinars
  - <https://www.velocloud.com/sd-wan-resources/webinars>
- Solution overviews / datasheets
  - <https://www.velocloud.com/sd-wan-resources/briefs>
- eBooks
  - <https://www.velocloud.com/sd-wan-resources/ebooks>



# 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 "Management Pack for ServiceNow" page in the VMware Cloud Marketplace. It includes a header with the VMware logo and "Management Pack for ServiceNow By: VMware Inc". Below the header are tabs for Overview, App Version, Pricing, Tech specs, Support, Compliance, and Request info. The main content area displays a "ServiceNow Direct M to M Adapter" interface with sections for "ServiceNow Direct M to M Adapter", "Direct Relationship", "Previous Month VM Metrics", "Current Month VM Metrics", "Previous Month CPU Metrics", "Current Month CPU Metrics", and "Description". The description states: "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/>

# Tour Stop #5

The World as Your Playground

# VMware Hands-on Labs

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



## HOL-1911-01-SDC - What's New in VMware vSphere 6.7

Explore the new features of vSphere 6.7 that provide simplified management at scale, comprehensive security, a universal platform for apps, and a seamless hybrid cloud experience.

This lab is available in [English](#), [日本語](#), [简体中文](#), [Português](#), [Français](#), [Deutsche](#), [Español](#), [한국어](#).

**Lab Modules**

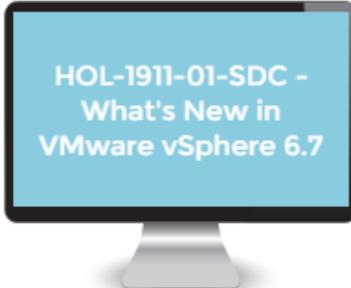
#	Title	Time	Level
1	vSphere 6.7 Overview	15	B
2	Simple & Efficient Management at Scale	60	B
3	Comprehensive Built-in Security	60	B
4	Universal Application Platform	15	B
5	Seamless Hybrid Cloud Experience	15	B

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](#)

[ENROLL](#)

**LAB DETAILS**

Time Limit: [1 hour 30 minutes](#)  
Valid Period: [2 hours](#)  
Exit Allowed: [No](#)  
End Allowed: [Yes](#)  
Manual Languages: [Deutsch](#), [한국어](#), [Português \(Brasil\)](#), [日本語](#), [English](#), [Français](#), [Español](#), [简体中文](#)



# 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.

# 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.vmwdemo.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

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

The screenshot shows the VMware Customer Connect Learning homepage. The left sidebar includes links for VMware Home, Community, Webinars, Education Contributor Program, VMware Store, and App Modernization. The main content area features a "Welcome Back, Guest" message and a search bar. It displays three featured series: "vmworld 2020 Exam Guide Reviews" (12 lessons), "Greenplum Summit Series 2020" (39 lessons), and "Evolving Your vSAN Experience" (3 lessons). Each card includes a "Watch Now" or "Get Started" button. A navigation bar at the top right includes a shopping cart, help, sign-in, and sign-up links.

vmware CUSTOMER CONNECT LEARNING™

Search and discover what Connect Learning has to offer

Home

## Welcome Back, Guest

Here's a few pieces of content we think you'll love

**vmworld 2020**

FEATURED SERIES

**Exam Guide Reviews**

Watch Now

vmware LEARNING

VMworld 2020 Exam Guide Reviews

12 Lessons

Get Started

**FEATURED SERIES**

**Greenplum Summit 2020**

39 Lessons

Get Started

**FEATURED WEBCAST SERIES**

**Evolving Your vSAN Expertise**

3 Lessons

Get Started

Greenplum Summit Series 2020

Signin ➔

# Tour Stop #6

Blogs, Community, and More



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 !\[\]\(b6653e5251dc87b32333cc6f132d29aa\_img.jpg\)](#)

### vSphere Automation API

Manage and automate infrastructure operations through vSphere REST APIs

[GO TO API REFERENCE](#) [RESOURCES !\[\]\(57d3a504afc919fbf1b9b5b1d570ed1f\_img.jpg\)](#)

### Horizon View API

Manage virtual desktops and Horizon View environments

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

### vSAN Management API

Automate lifecycle operations of vSAN and build solutions integrated into vSAN

### NSX-T Data Center API

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

[GO TO API REFERENCE !\[\]\(94432d114348b8a593e79aa48a71f940\_img.jpg\)](#)

### VMware Cloud on AWS API

Automate and manage complex environment of hybrid cloud infrastructure at scale

[GO TO API REFERENCE](#) [RESOURCES !\[\]\(14b9ccb3e14ce71715bcb93fec529cf0\_img.jpg\)](#)

# 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](#)



# Blog Beat

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



- Aggregation of VMware and VMTN Network member blogs
- VMware only feed - <https://blogs.vmware.com/all-vmware-blogs>

- Should you sign up?

The screenshot shows the VMware Blog Beat RSS feed page. At the top, there are links for "VMware Blog Posts" and "VMTN Network Member Blog Posts". Below that is a link to "Subscribe to the Blog Beat RSS Feed".

The first post is titled "Keep Your Skills Current with On Demand Classes and VMware Learning Zone" by Iris Polit. It includes a summary: "According to research, IT professionals need at least 10 hours of job role-related training every year to keep their skills current—even more to support cloud migration projects\*. To ensure you get the flexibility to learn when and where it's convenient for you, VMware Education Services offers multiple training options at every level including On Demand The post Keep Your Skills Current with On Demand Classes and VMware Learning Zone appeared first on VMware Education Services." The post was published on 2019-09-23 at 18:28:24.

The second post is titled "VCP-DCV 2019: vSphere 6.7 Exam Prep" by johnnyadavis. It includes a summary: "At the beginning of 2019, VMware released a new VCP-DCV 2019 certification and a new certification exam: Professional vSphere 6.7 Exam 2019 (2V0-21.19). Steve, Owen, and I began drafting a new appendix for use in conjunction with the VCP6-DCV: Official Cert Guide (VMware Press) when preparing the vSphere 6.7 exam; but, we determined that the [...]" The post was published on 2019-09-23 at 18:20:19.

# 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

# Helpful VMware Podcasts

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

# 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/>
- GitHub repository link -  
<https://github.com/vmware/clarity/>



# VMware Technology Network (VMTN)

<https://communities.vmware.com>

vmware VMTN vmware TECHNOLOGY NETWORK STAY CONNECTED

Home All VMTN Forums Podcasts vExpert [code] CloudCred Social YouTube Mobile Apps VMUG

Top Forums: vSphere NSX vSAN vCenter Fusion Horizon vRealize Automation Workstation Skyline AppDefense VMCloudOnAWS

vmware Technology Network My VMware Help Browse Register / Sign In

SDDC Networking Digital Workspace Desktop Hypervisor Cloud Education & Certs Support VMware {code} Betas Social More

## News & Events

### Own Your Path to the Future

LEARN HOW

Build a Future Ready Network  
Join us November 16 to learn how to modernize your network for better application performance, anywhere. REGISTER NOW >



VMworld.com  
Missed VMworld 2020? Watch over 700+ sessions from VMware, Partners and Community Leaders.

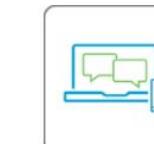
## vExpert Directory

Show vExperts ALL CLOUD MGMT CLOUD PROV EUC

Name	Location	Description
SARIK	India	I'm an IT professional ...

vexpert.vmware.com  
Looking for a specialist to engage with? Look no further than the vExpert directory. Showcasing 2000+ evangelists that are the fabric of the vCommunity ecosystem. Learn how to apply to be one too!

## Join a Community

 SDDC 33 Members	 Networking 25 Members	 Digital Workspace 23 Members	 Desktop Hypervisor 7 Members	 Education & Certification 36 Members	 Cloud 14 Members
---	---	--	--	--	--

# 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>

# 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/>

## 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



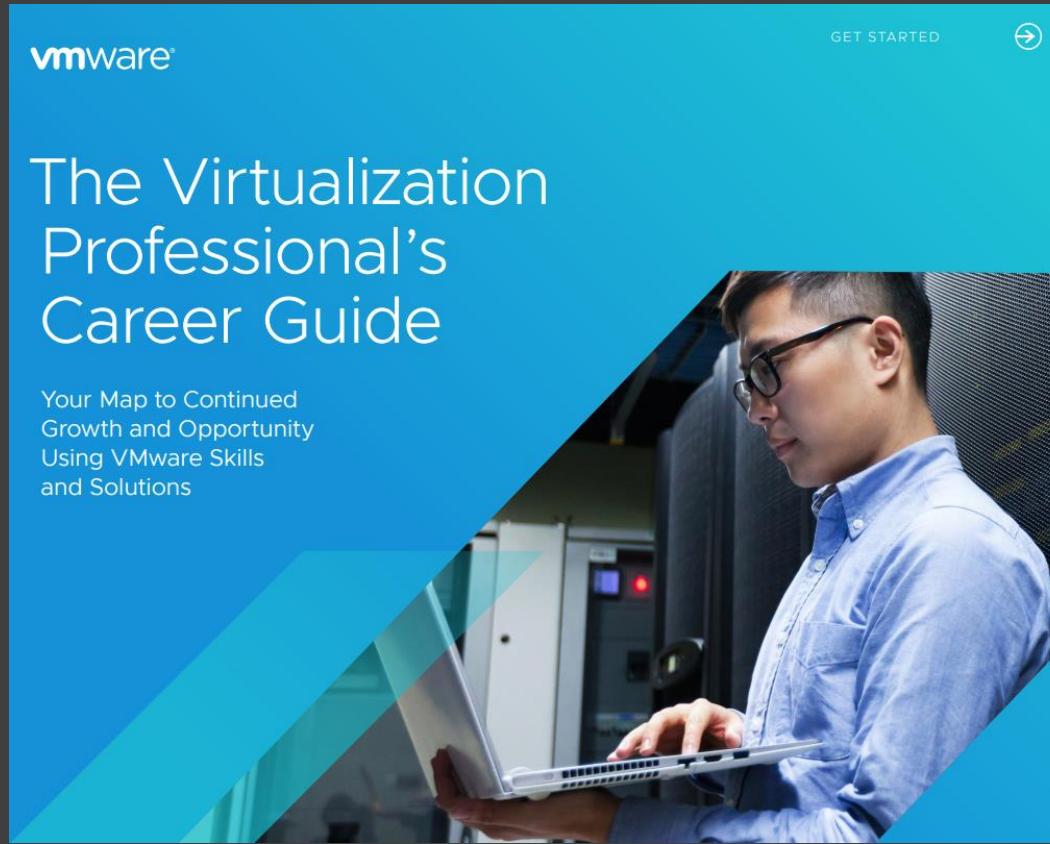
### ESXi Embedded Host Client

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 Virtualization Professional's Career Guide

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



<a href="#"></a>	<a href="#">Introduction</a>	<a href="#">Example VI Career Paths</a>	<a href="#">Key Skills Checklist</a>	<a href="#">Build on Existing Skills</a>	<a href="#">Lessons Learned</a>	<a href="#"></a>
		<a href="#">Critical Personal Attributes</a>	<a href="#">Springboard to Opportunities</a>	<a href="#">Accessible Learning</a>	<a href="#">Boost Your Career</a>	

# The Journey Continues

- Twitter - @NetworkNerd\_
- Blog – <http://blog.thenetworknerd.com>
- Podcast – <http://www.nerd-journey.com>

