

Resources Used for VMCA Presentation 2/19/19

Certificate Management Overview

1. Renew or Refresh ESXi Certificates
<https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.security.doc/GUID-ECFD1A29-0534-4118-B762-967A113D5CAA.html#GUID-ECFD1A29-0534-4118-B762-967A113D5CAA>
2. <https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.psc.doc/GUID-3D0DE463-D0EC-442E-B524-64759D063E25.html>

Certificate Replacement Overview

3. <https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.psc.doc/GUID-4469A6D3-048A-471C-9CB4-518A15EA2AC0.html>

Creating a Microsoft Certificate Authority Template for SSL certificate creation in vSphere 6.x (2112009)

4. <https://kb.vmware.com/s/article/2112009>

VMCA 6.5 As An Intermediate CA

5. <https://thewificable.com/2017/02/01/vmca-6-5-as-an-intermediate-ca/>

Derek Seaman Blog on Certificate Management

6. <https://www.derekseaman.com/2015/02/vsphere-6-0-install-pt-3-certificate-management.html>

Using OIDs with openssl:

7. <https://support.quovadisglobal.com/kb/a471/inserting-custom-oids-into-openssl.aspx>

Using XCA with Transform Option

8. <https://sourceforge.net/p/xca/discussion/209947/thread/9fb6d550/>

vSphere Security Certificates - with great video

9. <https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.psc.doc/GUID-779A011D-B2DD-49BE-B0B9-6D73ECF99864.html>

Secure Boot for ESXi 6.5 – Hypervisor Assurance

10. <https://blogs.vmware.com/vsphere/2017/05/secure-boot-esxi-6-5-hypervisor-assurance.html>

UEFI Wikipedia

11. [Unified Extensible Firmware Interface](#)

Replacing default certificates with CA signed SSL certificates in vSphere 6.x (2111219)

12. <https://kb.vmware.com/s/article/2111219>

Obtaining vSphere certificates from a Microsoft Certificate Authority (2112014)

13. https://kb.vmware.com/s/article/2112014?CoveoV2.CoveoLightningApex.getInitializationData=1&r=2&ui-communities-components-aura-components-forceCommunity-seoAssistant.SeoAssistant.getSeoData=1&other.KM_Utility.getArticleDetails=1&other.KM_Utility.getArticleMetadata=2&other.KM_Utility.getUrl=1&other.KM_Utility.getUser=1&other.KM_Utility.getAllTranslatedLanguages=2&ui-comm-runtime-components-aura-components-siteforce-qb.Quarterback.validateRoute=1

SSL certificate replacement hybrid:

14. <https://featurewalkthrough.vmware.com/t/vsphere-6-5/ssl-certificate-replacement-hybrid-mode/>

Managing certificates with the vsphere certificate manager utility:

15. <https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.psc.doc/GUID-E1D35792-ED03-468A-966B-362BED18021A.html#GUID-E1D35792-ED03-468A-966B-362BED18021A>

Managing services and certificates with CLI commands:

16. <https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.psc.doc/GUID-DB55A84F-8405-49AB-89B5-04FE3A5CD03C.html#GUID-DB55A84F-8405-49AB-89B5-04FE3A5CD03C>

vSphere 6.0 and 6.5 SSL certificate Replacement / Implementation using the Certificate-Manager automation tool

17. <https://www.virtually-limitless.com/certificates/replacing-or-implementing-ssl-certificates-in-vsphere-6/>

Generate CSR with vsphere certificate manager and prepare root certificate (intermediate CA)

18. <https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.psc.doc/GUID-75008746-C902-4C42-8F5C-6602D6E4EC8B.html>

Manually reviewing certificates in vmware endpoint certificate store vor vsphere 6.x

19. <https://kb.vmware.com/s/article/2111411>
20. Secure boot verifier script: <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.upgrade.doc/GUID-DD075A38-8900-459F-BD9D-69DC87CCE11B.html>