

16. CMC-CẦU GIẤY-HN - Task #920

Thực hiện test renew Certificate Vcenter

06-07-2024 21:19 - Hiếu Nguyễn Phùng

Trạng thái:	In Progress	Bắt đầu:	06-07-2024
Mức ưu tiên:	Normal	Hết hạn:	
Phân công cho:	Hiếu Nguyễn Phùng	Tiến độ:	0%
Chủ đề:		Thời gian ước lượng:	0:00 giờ
Phiên bản:	11/11 - 16/11/2024	Thời gian:	0:00 giờ

Mô tả

Tìm hiểu, cập nhật thông tin SSL VSAN, test trước ở lab

Tiến hành renew SSL Certificate:

vcenter: 10.80.101.125

administrator/Lvs\$3726

Vcenter + External PSC:

Vcenter: 10.80.101.140

administrator@vsphere.local/Lvs\$3726

VM: root/Lvs\$3726

PSC: 10.80.101.139

administrator@vsphere.local/Lvs\$3726

VM: root/Lvs\$3726

=====

Cập nhật kết quả:

Kiểm tra thời hạn Certificate:

Certificate Viewer: 10.80.101.125



General

Details

Issued To

Common Name (CN)	10.80.101.125
Organization (O)	<Not Part Of Certificate>
Organizational Unit (OU)	<Not Part Of Certificate>

Issued By

Common Name (CN)	CA
Organization (O)	photon-machine
Organizational Unit (OU)	VMware Engineering

Validity Period

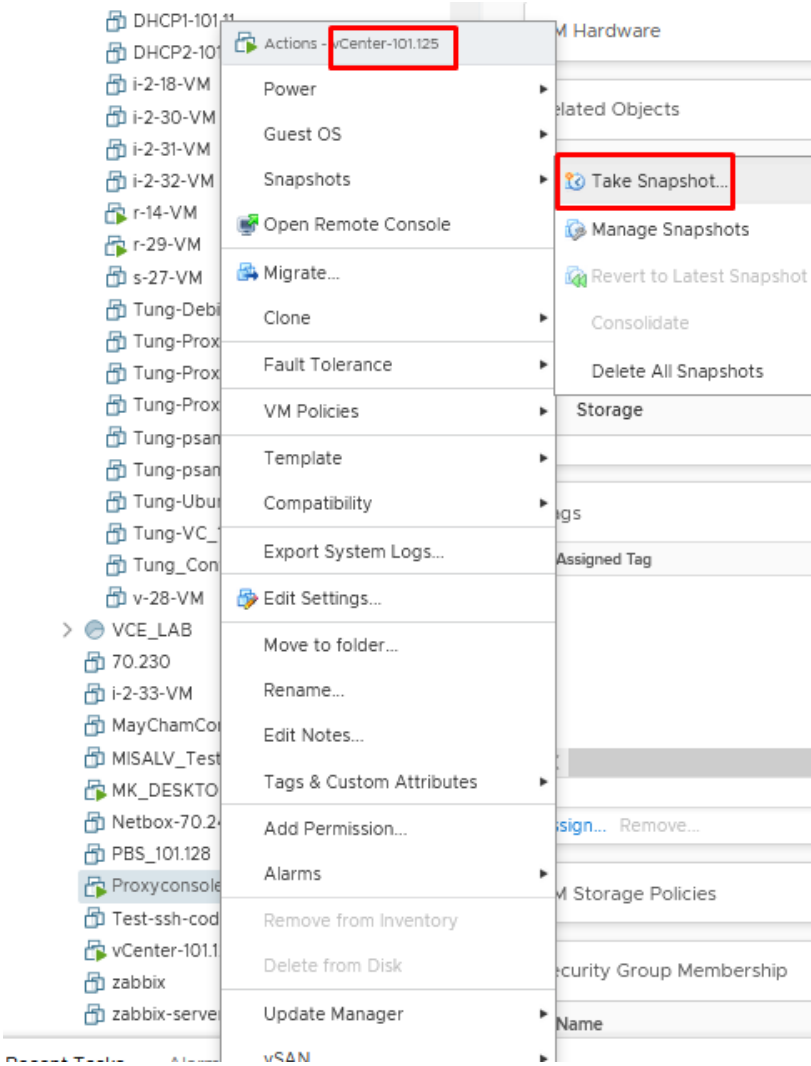
Issued On	Thursday, September 19, 2024 at 3:29:46 PM
Expires On	Sunday, September 20, 2026 at 3:29:46 AM

SHA-256 Fingerprints

Certificate	6c084d73b7adf8233b87a6e6930de3c7786d24114d1a32001f7a26127b4adec0
Public Key	54be95a9272585f7e79b47f095c925a27255f29f39683b95529247b305531fa1

```
root@photon-machine [ ~ ]# /usr/lib/vmware-vmafd/bin/vecs-cli entry list --store
vpxd-extension --text
Number of entries in store :    1
Alias : vpxd-extension
Entry type :    Private Key
Certificate:
  Data:
    Version: 3 (0x2)
    Serial Number:
      e4:eb:73:8d:b1:62:81:02
    Signature Algorithm: sha256WithRSAEncryption
    Issuer: CN=CA, DC=vsphere, DC=local, C=US, ST=California, O=photon-machi
ne, OU=VMware Engineering
    Validity
      Not Before: Sep 19 08:21:18 2024 GMT
      Not After : Sep 19 08:21:18 2026 GMT
    Subject: CN=vpxd-extension, DC=vsphere, DC=local, C=US, OU=mID-77fe06c3-
dc3e-4f00-afed-92653ee06378
    Subject Public Key Info:
      Public Key Algorithm: rsaEncryption
      Public-Key: (2048 bit)
      Modulus:
        00:eb:ed:e9:c7:6b:35:6c:0e:fb:e9:90:ac:17:3b:
        0c:ee:04:cc:7d:6c:5a:72:ca:f2:10:01:74:c8:1f:
        4b:31:0f:24:08:b6:70:92:75:9c:70:ee:c5:b9:34:
        24:4b:82:57:2b:b7:1c:9c:16:63:6c:51:2b:68:52:
        2c:4f:a2:3a:57:8d:ef:51:9e:cb:d1:7f:38:2e:15:
        45:73:3e:37:81:e3:5f:00:57:9a:2f:2c:5e:15:48:
        c9:bc:ab:90:31:04:83:d9:2e:23:23:b0:9b:9d:94:
        ee:94:00:16:2e:03:30:4a:f0:72:ae:b3:3a:4f:dc:
        d9:63:6b:01:b7:22:93:40:f4:ca:fe:42:2a:bb:ce:
        12:17:6c:f6:25:46:a2:b1:91:1a:d9:ac:6f:33:3b:
        04:7b:61:1f:7c:b5:32:3f:56:e1:30:4e:d9:57:42:
        30:8f:71:eb:69:84:f6:c3:07:fb:47:2a:60:ad:b7:
        01:d0:a6:62:f1:4f:f0:a1:0d:ba:e8:01:e5:09:cc:
        db:7a:26:96:c7:f4:18:69:fb:ff:29:ae:f0:9b:d4:
        64:ce:da:ea:25:28:3f:df:2b:09:91:d1:27:f8:94:
        97:12:07:61:9d:32:d2:b9:b4:81:73:ee:98:06:ae:
        fe:92:31:43:d5:ce:9b:ee:34:12:cc:21:fl:08:e7:
        cl:73
      Exponent: 65537 (0x10001)
    X509v3 extensions:
      X509v3 Key Usage:
        Digital Signature, Non Repudiation, Key Encipherment
      X509v3 Subject Alternative Name:
        IP Address:10.80.101.125
      X509v3 Subject Key Identifier:
        FA:D3:E4:F4:39:05:BE:40:99:0A:E0:AE:C4:1B:08:92:B0:C9:8B:79
      X509v3 Authority Key Identifier:
        keyid:81:8C:16:21:BC:31:D6:09:96:4E:42:F8:C1:88:D6:1F:E8:60:64:5
```

5
Snapshot lại VM vcenter:



Thực hiện thao tác gia hạn lại Cer:

```
root@photon-machine [ ~ ]# /usr/lib/vmware-vmca/bin/certificate-manager

*** Welcome to the vSphere 6.5 Certificate Manager ***

-- Select Operation --

1. Replace Machine SSL certificate with Custom Certificate
2. Replace VMCA Root certificate with Custom Signing Certificate and replace all Certificates
3. Replace Machine SSL certificate with VMCA Certificate
4. Regenerate a new VMCA Root Certificate and replace all certificates
5. Replace Solution user certificates with Custom Certificate
6. Replace Solution user certificates with VMCA certificates
7. Revert last performed operation by re-publishing old certificates
8. Reset all Certificates

Note : Use Ctrl-D to exit.
Option[1 to 8]: 8
Do you wish to generate all certificates using configuration file : Option[Y/N] ? : y

Please provide valid SSO and VC privileged user credential to perform certificate operations.
Enter username [Administrator@vsphere.local]: administrator@vsphere.local
Enter password:

Please configure certool.cfg with proper values before proceeding to next step.
Press Enter key to skip optional parameters or use Default value.
Enter proper value for 'Country' [Default value : US] : US
Enter proper value for 'Name' [Default value : CA] : CA
Enter proper value for 'Organization' [Default value : VMware] : VMware
Enter proper value for 'OrgUnit' [Default value : VMware Engineering] : VMware Engineering
Enter proper value for 'State' [Default value : California] : California
Enter proper value for 'Locality' [Default value : Palo Alto] : Palo Alto
Enter proper value for 'IPAddress' (Provide comma separated values for multiple IP addresses) [optional] : 10.80.101.125
```

Sau khi gia hạn thành công:

```
Update service 3db44994-6491-403a-8672-ad5dfb96bcb2; spec: /tmp/svcspec_s5jbE1
Get service 2dcd69a2-4cf6-47c1-9b66-5e130a758cab
Update service 2dcd69a2-4cf6-47c1-9b66-5e130a758cab; spec: /tmp/svcspec_KSTyQY
Get service 12acd6e5-4765-46b3-8ef5-8f2afcd8fb79
Update service 12acd6e5-4765-46b3-8ef5-8f2afcd8fb79; spec: /tmp/svcspec_GjxfRf
Get service 8f344fb4-d86a-4eld-ac7d-88fd9feeeded
Update service 8f344fb4-d86a-4eld-ac7d-88fd9feeeded; spec: /tmp/svcspec_BwWi4S
Get service e09d90ec-38d5-4dd8-a684-64fec8b775ad
Update service e09d90ec-38d5-4dd8-a684-64fec8b775ad; spec: /tmp/svcspec_gJnh2K
Get service e64ac643-4594-4ef1-9f30-cb7ac263173a
Update service e64ac643-4594-4ef1-9f30-cb7ac263173a; spec: /tmp/svcspec_4N76TJ
Get service 57f63d4b-c8e7-4b92-ad44-9dde73780b29
Update service 57f63d4b-c8e7-4b92-ad44-9dde73780b29; spec: /tmp/svcspec_xBE883
Get service 483adb82-af4c-4018-8ca0-28434243012f
Update service 483adb82-af4c-4018-8ca0-28434243012f; spec: /tmp/svcspec_rl9CbV
Get service c9a678d2-8891-4f37-902e-dc1943242f67
Update service c9a678d2-8891-4f37-902e-dc1943242f67; spec: /tmp/svcspec_SvF7w6
Get service 4d836e0e-d6d2-4ae3-9dc0-61574aae4d0f
Update service 4d836e0e-d6d2-4ae3-9dc0-61574aae4d0f; spec: /tmp/svcspec_spVxKx
Get service 05fc62fb-1191-4d33-9862-157a39c4839d
Update service 05fc62fb-1191-4d33-9862-157a39c4839d; spec: /tmp/svcspec_BnLUiF
Get service 41297ed9-5d98-40fb-9235-227ela71b301
Update service 41297ed9-5d98-40fb-9235-227ela71b301; spec: /tmp/svcspec_KDfpf4
Get service 0045e86f-d981-4602-be57-0c6d753d0ad3
Update service 0045e86f-d981-4602-be57-0c6d753d0ad3; spec: /tmp/svcspec_2jFqUR
Get service be327261-b619-45a7-9fd0-4251e79755d0
Update service be327261-b619-45a7-9fd0-4251e79755d0; spec: /tmp/svcspec_SZR4df
Get service 5f05d726-107a-4511-9020-eb51c69e51a4
Update service 5f05d726-107a-4511-9020-eb51c69e51a4; spec: /tmp/svcspec_7PZ35T
Get service 8a2252e4-57e1-4fab-876e-4f9b83ba305f
Update service 8a2252e4-57e1-4fab-876e-4f9b83ba305f; spec: /tmp/svcspec_YVthyJ
Get service 0154d41f-9681-443a-a50d-8250bla54e97
Update service 0154d41f-9681-443a-a50d-8250bla54e97; spec: /tmp/svcspec_9HzanV
Get service 78287b10-4222-4733-b10f-dd2297eeeeb0
Update service 78287b10-4222-4733-b10f-dd2297eeeeb0; spec: /tmp/svcspec_la_lkm
Get service de0601b9-aa54-4150-83b2-31785cb83d59
Update service de0601b9-aa54-4150-83b2-31785cb83d59; spec: /tmp/svcspec_lNS7ap
Get service 7294f569-97c2-4690-b2ed-0411b4584798
Update service 7294f569-97c2-4690-b2ed-0411b4584798; spec: /tmp/svcspec_AXTQb4
Get service 5f05d726-107a-4511-9020-eb51c69e51a4_authz
Update service 5f05d726-107a-4511-9020-eb51c69e51a4_authz; spec: /tmp/svcspec_L2Xlob
Get service 5f05d726-107a-4511-9020-eb51c69e51a4_kv
Update service 5f05d726-107a-4511-9020-eb51c69e51a4_kv; spec: /tmp/svcspec_BCQNVH
Get service d71aa5b3-2d8a-40b7-ae76-9060398577f8
Update service d71aa5b3-2d8a-40b7-ae76-9060398577f8; spec: /tmp/svcspec_mJgz4C
Get service 90074ae4-856d-4271-86c7-6359176d5cb7
Update service 90074ae4-856d-4271-86c7-6359176d5cb7; spec: /tmp/svcspec_0wvnly
Get service 13cdb2ec-34bb-482e-9559-3d867a550bd6
Update service 13cdb2ec-34bb-482e-9559-3d867a550bd6; spec: /tmp/svcspec_E3QWJa
Get service 101c7396-7ac3-40cb-8636-53405640227e
Update service 101c7396-7ac3-40cb-8636-53405640227e; spec: /tmp/svcspec_vOcS8j
Get service 4dd57993-48e2-44ce-9cdc-738c466d54ac
Update service 4dd57993-48e2-44ce-9cdc-738c466d54ac; spec: /tmp/svcspec_52BGsX
Updated 30 service(s)
Status : 60% Completed [Reset vpxd-extension Cert...]
2024-09-22T12:36:56.765Z Updating certificate for "com.vmware.vim.eam" extension

2024-09-22T12:36:57.188Z Updating certificate for "com.vmware.rbd" extension

Reset status : 100% Completed [Reset completed successfully]

root@photon-machine [ ~ ]#
```

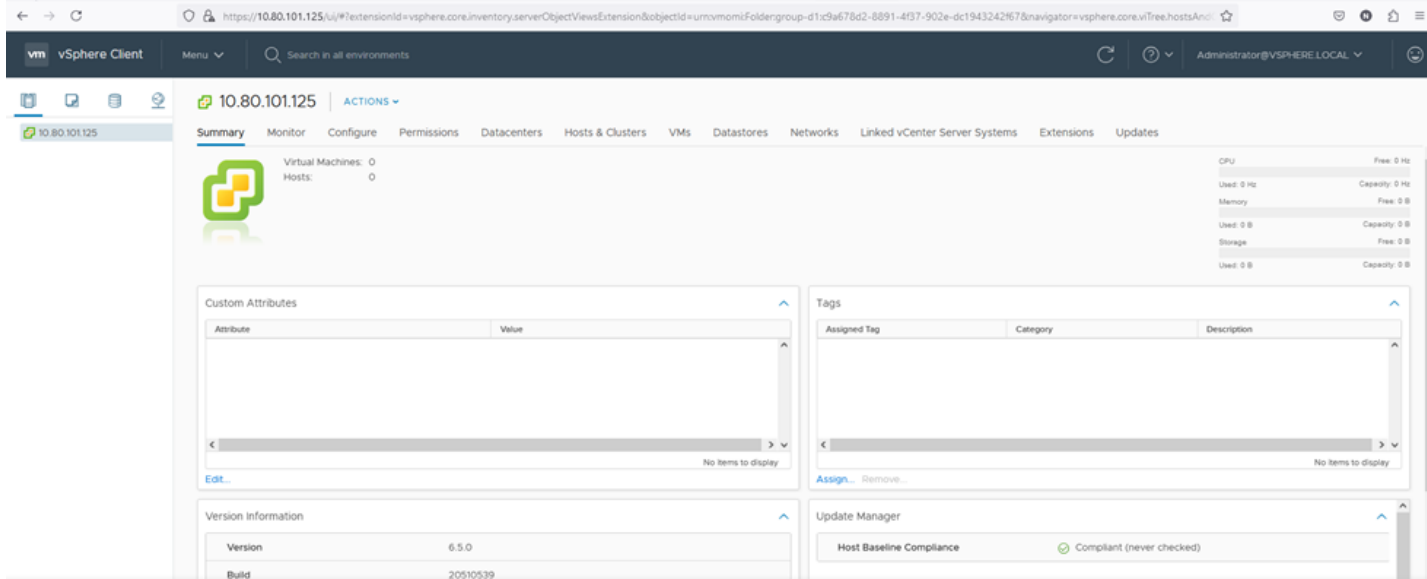
Kiểm tra lại Cer:

Validity

Not Before Sun, 22 Sep 2024 12:24:09 GMT
Not After Tue, 22 Sep 2026 12:24:09 GMT

```
ertificate:  
Data:  
Version: 3 (0x2)  
Serial Number:  
ce:d1:ec:2b:0a:ee:c2:67  
Signature Algorithm: sha256WithRSAEncryption  
Issuer: CN=server.acme.com, DC=vsphere, DC=local, C=US, ST=California, O=photon-machine, OU=VMware Engineering  
Validity  
Not Before: Sep 22 12:26:55 2024 GMT  
Not After : Sep 22 12:26:55 2026 GMT  
Subject: CN=vpzd-extension-77fe06c3-dc3e-4f00-afed-92653ee06378, C=US, ST=California, L=Palo Alto, O=VMware, OU=VMware Engineering  
Subject Public Key Info:  
Public Key Algorithm: rsaEncryption  
Public-Key: (2048 bit)  
Modulus:  
00:be:a6:77:83:07:6e:ab:df:57:02:12:d9:9e:54:  
ed:19:4d:67:5a:59:59:7e:1c:cl:e7:d8:70:07:c3:  
77:ec:bf:f2:8d:cd:d4:67:7d:47:bc:e5:e3:35:f8:  
f7:6d:af:b5:cb:51:b3:97:99:c0:97:b8:a8:cf:6a:  
b6:11:73:bb:8b:e9:be:0a:29:0c:ca:38:03:5e:d6:  
d5:3b:56:93:d0:59:e2:2d:fa:c7:66:00:3a:72:ed:  
d9:e2:20:97:44:ea:32:08:17:3d:57:11:9d:ee:56:  
83:44:54:0a:a7:ab:8d:9c:ac:d5:2d:8d:0c:a6:03:
```

Đăng nhập vcenter:



Docs chi tiết:

https://docs.google.com/document/d/1I3Kg8MxU896udIKiqiSBXH1czKxn_C53F9MlesOSUGw/edit?usp=sharing

Lược sử

- #1 - 08-07-2024 11:41 - Hiếu Nguyễn Phùng
- Phân công cho gán cho Hiếu Nguyễn Phùng
- #2 - 08-07-2024 11:43 - Hiếu Nguyễn Phùng
- Mô tả cập nhật
- #3 - 12-07-2024 09:20 - Hiếu Nguyễn Phùng

- Chủ đề thay đổi từ Thực hiện renew SSL Certificate VSAN tới Thực hiện test renew SSL Certificate VSAN

#4 - 05-08-2024 08:57 - Hiếu Nguyễn Phùng

- Mô tả cập nhật

- Trạng thái thay đổi từ New tới In Progress

#5 - 22-09-2024 20:22 - Hiếu Nguyễn Phùng

- Tập tin clipboard-202409222012-rxsjs.png được thêm

- Tập tin clipboard-202409222012-nlsh8.png được thêm

- Tập tin clipboard-202409222013-iebns.png được thêm

- Tập tin clipboard-202409222013-kiqov.png được thêm

- Tập tin clipboard-202409222014-p8oqx.png được thêm

- Tập tin clipboard-202409222019-hzied.png được thêm

- Tập tin clipboard-202409222022-0l4qf.png được thêm

- Tập tin clipboard-202409222022-pvv7l.png được thêm

- Mô tả cập nhật

#6 - 22-09-2024 20:27 - Hiếu Nguyễn Phùng

- Mô tả cập nhật

#7 - 23-09-2024 09:00 - Hiếu Nguyễn Phùng

- Chủ đề thay đổi từ Thực hiện test renew SSL Certificate VSAN tới Thực hiện test renew Certificate Vcenter

#8 - 23-09-2024 09:01 - Hiếu Nguyễn Phùng

- Mô tả cập nhật

#9 - 25-09-2024 08:48 - Hiếu Nguyễn Phùng

- Mô tả cập nhật

#10 - 30-09-2024 16:40 - Hiếu Nguyễn Phùng

- Mô tả cập nhật

- Phiên bản gán cho 30/9/2024 - 6/10/2024

#11 - 07-10-2024 14:16 - Hiếu Nguyễn Phùng

- Mô tả cập nhật

#12 - 21-10-2024 10:12 - Hiếu Nguyễn Phùng

- Mô tả cập nhật

#13 - 23-10-2024 14:18 - Hiếu Nguyễn Phùng

- Mô tả cập nhật

#14 - 24-10-2024 08:28 - Hiếu Nguyễn Phùng

- Mô tả cập nhật

#15 - 11-11-2024 16:54 - Ru Nguyễn

- Phiên bản thay đổi từ 30/9/2024 - 6/10/2024 tới 11/11 - 16/11/2024

Tập tin

clipboard-202409222012-rxsjs.png	238 KB	22-09-2024	Hiếu Nguyễn Phùng
clipboard-202409222012-nlsh8.png	485 KB	22-09-2024	Hiếu Nguyễn Phùng
clipboard-202409222013-iebns.png	241 KB	22-09-2024	Hiếu Nguyễn Phùng
clipboard-202409222013-kiqov.png	943 KB	22-09-2024	Hiếu Nguyễn Phùng
clipboard-202409222014-p8oqx.png	38,2 KB	22-09-2024	Hiếu Nguyễn Phùng

clipboard-202409222019-hzied.png	56,6 KB	22-09-2024	Hiếu Nguyễn Phùng
clipboard-202409222022-0l4qf.png	32 KB	22-09-2024	Hiếu Nguyễn Phùng
clipboard-202409222022-pvv7l.png	65,7 KB	22-09-2024	Hiếu Nguyễn Phùng