

تاني وكت وأ تاريخي غت يأل لمحتحمل الريثأتلل كمهف نم دكأتف ،ةرشابم كتكباش

نيوكتلا

1. ةوطخلال

- على عةرفوتملاو ليحستلاو ليصوتلا ةادأب ةصاخلا zip تافل م لي زنتب مق <http://www.cisco.com/>

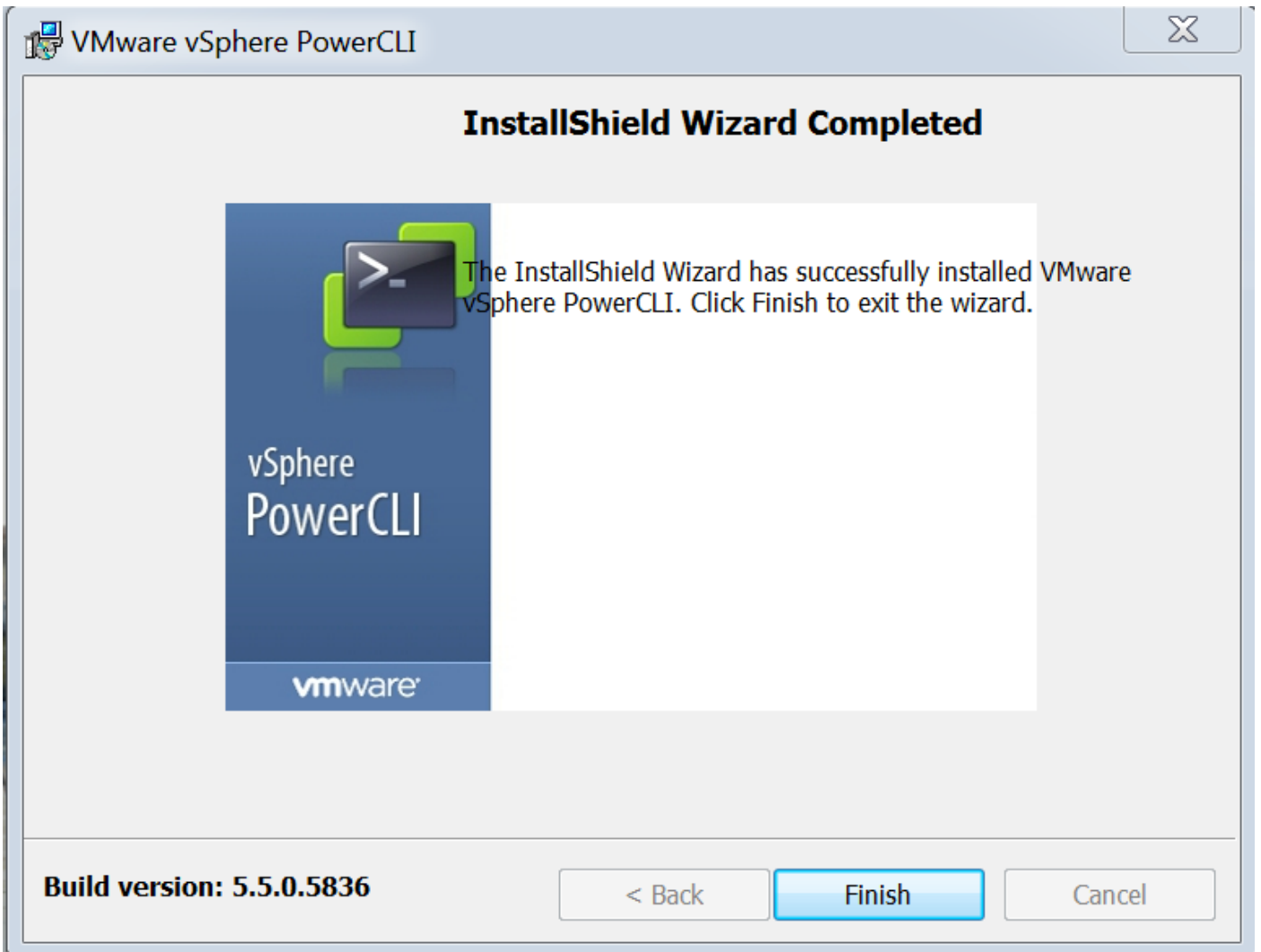
[Cisco UCS Manager ل VMware vSphere Web Client نم ةيفاضالا ةفيظولا](#)
[Cisco UCS Manager ري دم قحلملل ليحستلا ةادأ](#)

Name	Date Modified	Size
Cisco UCS Plugin Registration Tool.exe	Mar 11, 2015, 12:35 PM	186 KB
Cisco_UCS_Plugin_Registration_Tool_v1.1.1.zip	Feb 24, 2016, 10:20 AM	35 KB
ucs-vcplugin-1.1.1	Feb 24, 2016, 10:23 AM	--
ucs-vcplugin-1.1.1.zip	Feb 23, 2016, 4:39 PM	18.9 MB

2. ةوطخلال

- ليحستلا ةادأ لي غشتل على رادصا وأ VMware PowerCLI 5.1 تي بشتب مق
- ش دحأ رادصا وأ VMware vCenter 5.1 جم انرب تي بشتب
- PowerCLI تي بشتب جلا عم









3. ةوطخال

- ةسسأل هتابلطتمو VMware vSphere Web Client 5.5 تيبتب مق
- عجا، VMware نم vSphere بيوليمعل ةسسأل تابلطتمال لوح تامولعم لعل لوصحلل
لل - http://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=2005083
- 5.5 vCenter زاخ دنسمل اذه في دوومال لاثمل مدختسي. vCenter تيبتت

4. ةوطخال

- HTTP و HTTPS مداخل لعل ةفاضتسمال قحللمال ةمخ

Index of /software/vmware/vsphere

<u>Name</u>	<u>Last modified</u>	<u>Size</u>	<u>Description</u>
 Parent Directory		-	
 [redacted]	13-Apr-2013 00:26	-	
 [redacted]	13-Apr-2013 00:28	-	
 [redacted]	13-Apr-2013 00:27	-	
 [redacted]	24-Sep-2013 18:08	-	
 [redacted]	21-Feb-2015 01:40	-	
 [redacted]	16-Dec-2015 03:52	-	
 cli/	13-Apr-2013 20:12	-	
 license/	17-Nov-2015 23:34	-	
 ucs-vcplugin-1.1.1.zip	23-Feb-2016 16:39	18M	
 ucs-vcplugin-1.2.1.zip	24-Feb-2016 16:09	19M	

5. ةوطخالا

- ليجست ةادأ ةشاش رهظت. اهليغشتل اجودزم ارقن رقناو ليجستلا ةادأ طغض ك فب مق قحل م Cisco UCS.
- مداخل فيضملا مسا و IP/Hostname - IP لوقحلا نيوكتب مق، دي دج قحل م ليجستل ع قوم. vCenter رورم ةملك - رورملا ةملك. vCenter مدختسم مسا - مدختسملا مسا. vCenter لاثملا ليجستل ع. فيفاضلا zip فلمب صاخلا HTTPS/HTTP ل URL ناونع - قحل م لا، لاسرا لعل رقنا. <https://10.1x.1x.1/plugins/ucs/ucs-vcplugin-1.1.1.zip>



This tool registers/unregisters the Cisco UCS Plugin for VMware vSphere Web Client

Action

Register Plugin

Unregister Plugin

vCenter Details

IP/Hostname

[REDACTED]

Username

root

Password

Plugin Location

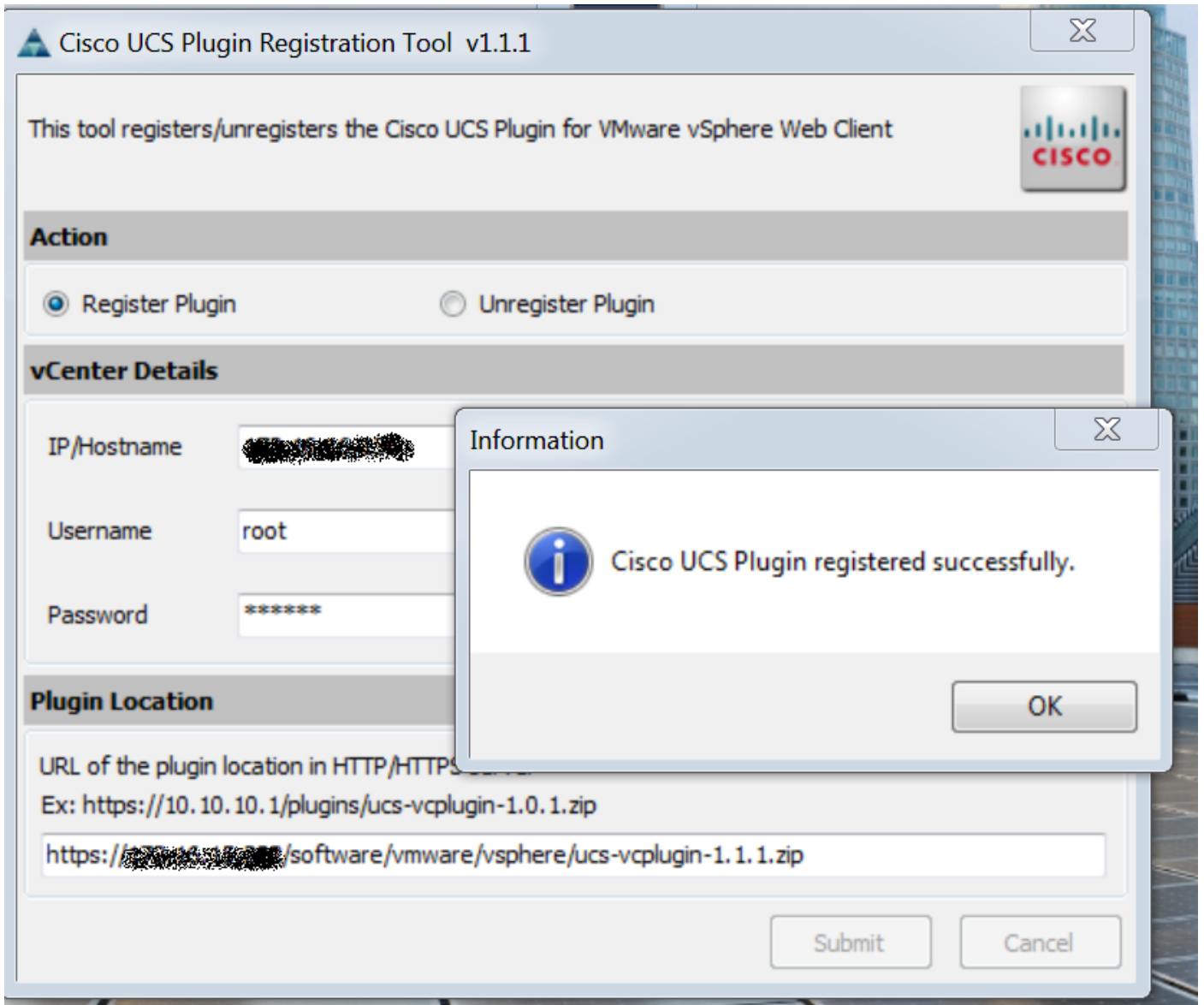
URL of the plugin location in HTTP/HTTPS server

Ex: <https://10.10.10.1/plugins/ucs-vcplugin-1.0.1.zip>

[https://\[REDACTED\]/software/vmware/vsphere/ucs-vcplugin-1.1.1.zip](https://[REDACTED]/software/vmware/vsphere/ucs-vcplugin-1.1.1.zip)

Submit

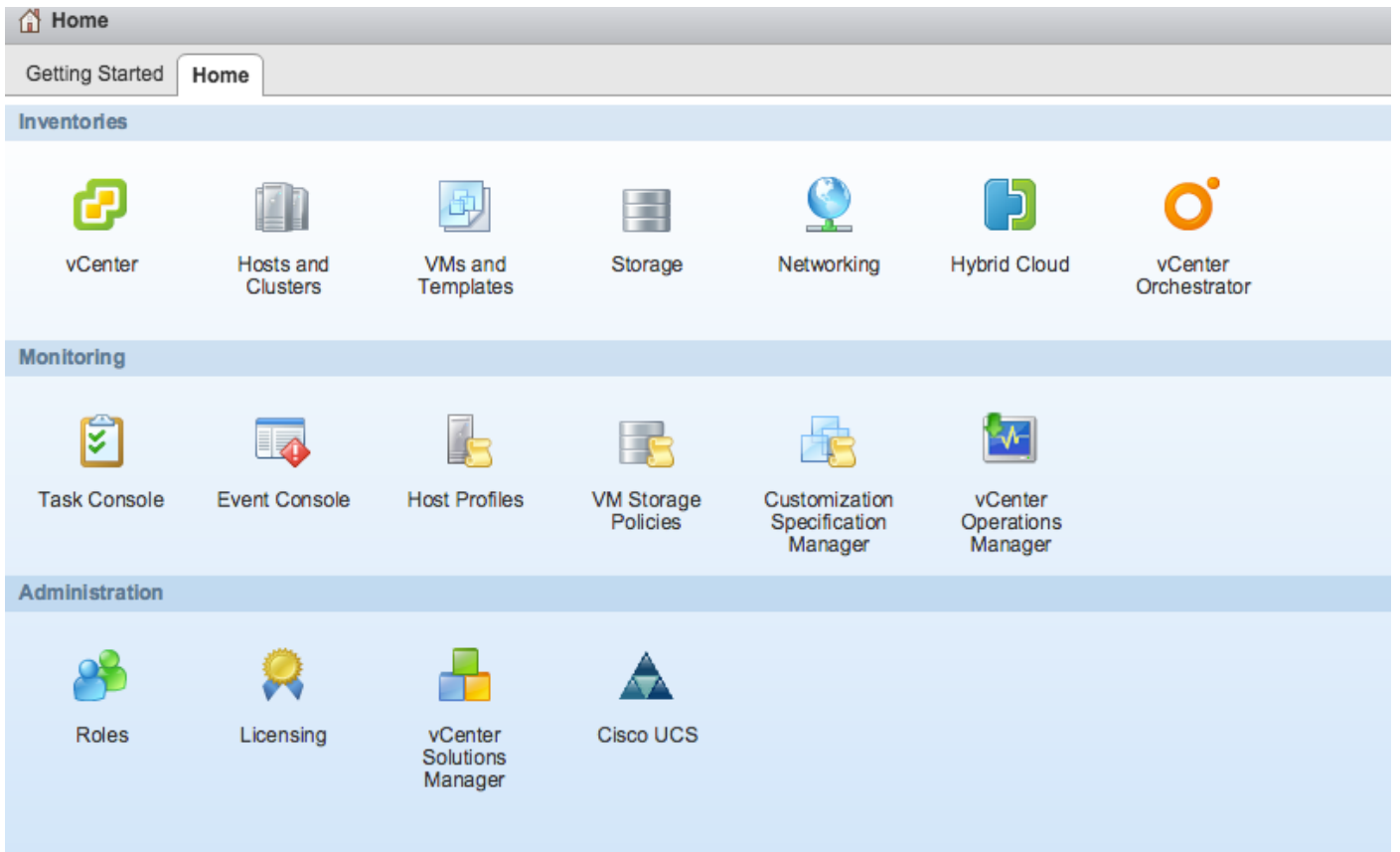
Cancel



- ليحست ءاغل رايتخاله ءناخ نم ققحتف UCS ءرادا قحلم ليحست ءاغل اديرت تنك اذا لوقحلا لامك او يفاضاله نوكملا
- عم ريذحتلا راوح عبرم! لعفلا ب لجم يرت نأ كنكمي، ليحستلا ءءاعاب موقت تنك اذا تافل لم ليذنت مت اذا. لعفلا ب لجم Cisco UCS نم 1.x ءيفاضاله ءفيظولاً: ءالاسرلا ءمدخ ليغشت ءءاعاو ايودي اهتلازا متت يتح رخأ ءرم اهليذنت متي نلف، لعفلا ب قحلملا ءءءاتم لل قفاوم قوف رقناو ءالاسرلا عجار. vSphere بويوليمع

6. ءوطخال

- UCSM ءيفاضاله ءفيظولا تيبتت نم ققحتلل vCenter لىل لوخدلا ليحستب مق



7: ةوطخا

- vCenter ىل ع UCSM قحلم مادختساب UCSM لاجم ليجست
- Cisco UCS قحلم ىل ع اجودزم ارقن رقنا
- UCS لاجم ليجست ل ليجست ىل ع رقنا



- نأ بجي، ىرخأ ةرم لوخدلا ليجست درجم ب vSphere. بي و لي مع ليجمت ةداعإل معن قوف رقنأ لاجم لرت . لاجم ل UCSM

Cisco UCS Management Center

Home

Registered UCS Domains

Plugin Version: 1.2(1)

UCS Hostname/IP	Username	SSL	Port	Connection State
 [redacted]	admin	<input checked="" type="checkbox"/>	443	

ةحصلا نم ققحتلا

1. ةوطخلا

- لاجم ل UCSM لىصافت نم ققحت

vmware vSphere Web Client


root@localos | Help

Rack13-FI Actions

Summary Monitor Manage Related Objects

Rack13-FI

- Chassis: 1
- Rack Mounts: 0
- Fabric Interconnects: 2





Rack13-FI



Version: 2.2(5a) UCSM Version

Virtual IPv4 Address: [redacted]

HA Configuration: cluster





Chassis: 1

ESX Servers:  2  0 Chassis ID, Type of server, VM Details

Non-ESX Servers:  4  0

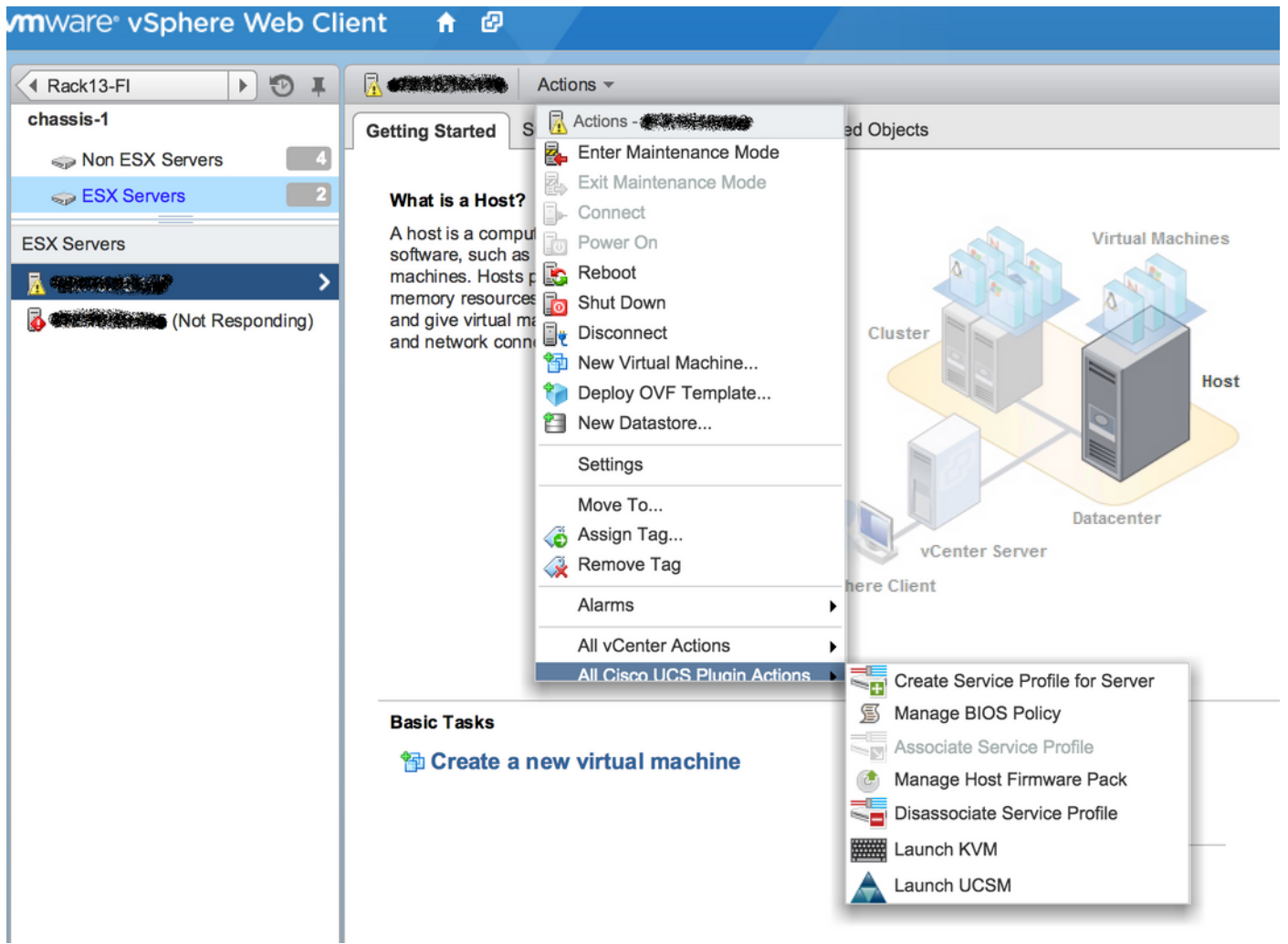
VMs: 2

Fault Summary

 0  10  3  6

CISCO

- UCSM ةففاضإلا ةفيظولا تاراخي



- مداخل فيرعت فلم بل اوقو مداخل فيرعت فلم و ة باثال جماربالا لثم رخا تارايخ مداوخلا عيمجتو

The screenshot shows the VMware vSphere Web Client interface. The left sidebar shows the navigation tree with 'Rack13-FI' selected. The main content area is titled 'Rack13-FI' and shows the 'Firmware' tab. Below the tabs, there are buttons for 'Host Firmware Packages', 'Firmware Upload Tasks', and 'Firmware Packages'. The 'Actions' section is expanded to show a table of firmware packages.

Name	Type	State	Version
ucs-mini-k9-bundle-infra.3.0.1c.A.bin	full-bundle	active	3.0(1c)A
ucs-k9-bundle-b-series.2.2.3d.B.bin	b-series-bundle	active	2.2(3d)B
ucs-k9-bundle-b-series.2.2.5b.B.bin	b-series-bundle	active	2.2(5b)B
ucs-k9-bundle-b-series.2.2.2c.B.bin	b-series-bundle	active	2.2(2c)B
ucs-k9-bundle-b-series.2.1.2a.B.bin	b-series-bundle	active	2.1(2a)B
ucs-k9-bundle-b-series.2.1.3b.B.bin	b-series-bundle	active	2.1(3b)B
ucs-m82-8p-vic.2.2.1c.T03-ET.gbin	image	active	
ucs-m82-8p-vic.2.2.1c.T02-ET.gbin	image	active	
ucs-m82-8p-vic.2.2.1c.T01-ET.gbin	image	active	
ucs-m82-8p-vic.2.2.1c.T05-ET.gbin	image	active	
ucs-m82-8p-vic.2.2.1c.T04-ET.gbin	image	active	
ucs-k9-bundle-infra.2.1.3b.A.bin	infrastructure-bur	active	2.1(3b)A
ucs-k9-bundle-infra.2.2.5a.A.bin	infrastructure-bur	active	2.2(5a)A
ucs-k9-bundle-infra.2.2.1d.A.bin	infrastructure-bur	active	2.2(1d)A
ucs-k9-bundle-infra.2.2.5b.A.bin	infrastructure-bur	active	2.2(5b)A
ucs-m82-8p-vic.2.2.1d.T-ET.gbin	image	active	
ucs-m81kr-vic.2.0.3a.gbin	image	active	
ucs-tac-e2e-diag.gbin	image	active	

اهحال صا و عا طخ ا ل فاش ك ت سا

vCenter- زا ه ج ل ع ا ه ح ال ص ا و UC SM ة ي ف ا ض ا ل ا ة ف ي ط و ل ا ت ي ب ث ت ع ا ط خ ا ف ا ش ك ت سا

1. ة و ط خ ل ل

- انه عا ر ل ل ا ل ا و ر ط ن ا -
<https://<vCenter IP>/mob/?moid=ExtensionManager&doPath=extensionList%3A%22com%3A%2Ecisco%3A%2Eucs%3A%22%3A%22evc%3A%22%3A%22server>

The screenshot shows the vCenter Extension Manager page. The top section displays the object type 'ExtensionServerInfo[]', the parent managed object ID 'ExtensionManager', and the property path 'extensionList["com.cisco.ucs.vcplugin"].server'. Below this, the 'Properties' section is expanded to show a table of properties.

NAME	TYPE	VALUE																																										
[0]	ExtensionServerInfo	<table border="1"> <thead> <tr> <th>NAME</th> <th>TYPE</th> <th>VALUE</th> </tr> </thead> <tbody> <tr><td>adminEmail</td><td>string[]</td><td>"ucs-vcplugin@cisco.com"</td></tr> <tr><td>company</td><td>string</td><td>"Cisco Systems Inc."</td></tr> <tr><td>description</td><td>Description</td><td> <table border="1"> <thead> <tr> <th>NAME</th> <th>TYPE</th> <th>VALUE</th> </tr> </thead> <tbody> <tr><td>dynamicProperty</td><td>DynamicProperty[]</td><td>Unset</td></tr> <tr><td>dynamicType</td><td>string</td><td>Unset</td></tr> <tr><td>label</td><td>string</td><td>"Cisco UCS Plugin"</td></tr> <tr><td>summary</td><td>string</td><td>"Cisco UCS Plugin"</td></tr> </tbody> </table> </td></tr> <tr><td>dynamicProperty</td><td>DynamicProperty[]</td><td>Unset</td></tr> <tr><td>dynamicType</td><td>string</td><td>Unset</td></tr> <tr><td>serverThumbprint</td><td>string</td><td>Unset</td></tr> <tr><td>type</td><td>string</td><td>"vsphere-client-serenity"</td></tr> <tr><td>url</td><td>string</td><td>"http://<vCenter IP>/ucs-vcplugin-1.2.1.zip"</td></tr> </tbody> </table>	NAME	TYPE	VALUE	adminEmail	string[]	"ucs-vcplugin@cisco.com"	company	string	"Cisco Systems Inc."	description	Description	<table border="1"> <thead> <tr> <th>NAME</th> <th>TYPE</th> <th>VALUE</th> </tr> </thead> <tbody> <tr><td>dynamicProperty</td><td>DynamicProperty[]</td><td>Unset</td></tr> <tr><td>dynamicType</td><td>string</td><td>Unset</td></tr> <tr><td>label</td><td>string</td><td>"Cisco UCS Plugin"</td></tr> <tr><td>summary</td><td>string</td><td>"Cisco UCS Plugin"</td></tr> </tbody> </table>	NAME	TYPE	VALUE	dynamicProperty	DynamicProperty[]	Unset	dynamicType	string	Unset	label	string	"Cisco UCS Plugin"	summary	string	"Cisco UCS Plugin"	dynamicProperty	DynamicProperty[]	Unset	dynamicType	string	Unset	serverThumbprint	string	Unset	type	string	"vsphere-client-serenity"	url	string	"http://<vCenter IP>/ucs-vcplugin-1.2.1.zip"
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- فللم UCS-vcplugin ل zip ىرن اننأ نم دكأت .

2. ةوطخلال

- فللم ةفاضتسإ متي شيح HTTP مداخلإ لوصولال ىلع ارداق vCenter ناك اذا امم ققحت ىفاضإلإ .
- ةفيظولال عقوم ىلإ لوصولال ىلع ارداق vCenter ىلع تبثمل vClient ناك اذا امم ققحت ىفاضإلإ https/http .
- لوصولال ةيناكمإ نم ققحتلل شحب ءارجإب مق .
- مداخل عم ةقداصلمل vCenter ىلع رذعت شيح *لماع ريغ دادعإ* اذه . HTTPS لوصول نم ققحت HTTPS .

```
localhost:/tmp # wget https://<HTTP/HTTPS server IP>/<Plugin location>/ucs-vcplugin-1.2.1.zip
--2016-02-25 07:02:15-- https://<HTTP/HTTPS server IP>/<Plugin location>/ucs-vcplugin-1.2.1.zip
Connecting to <HTTP/HTTPS server IP>:443... connected.
ERROR: cannot verify <HTTP/HTTPS server IP>'s certificate, issued by `C=--
/ST=SomeState/L=SomeCity/O=AutoGenerated/OU=SelfSignedCertificate/CN=openfiler/emailAddress=root
@openfiler':
Unable to locally verify the issuer's authority.
ERROR: certificate common name `openfiler' doesn't match requested host name `<HTTP/HTTPS server
IP>'.
To connect to 172.16.15.222 insecurely, use `--no-check-certificate'.
Unable to establish SSL connection.
```

- HTTP مداخل ىلع ماظنل لمع لاثم اذه . HTTP لوصول نم ققحت -

```
localhost:/tmp # wget http://<HTTP/HTTPS server IP>/ucs-vcplugin-1.2.1.zip
-2016-03-03 20:35:31-- http://<HTTP/HTTPS server IP>/ucs-vcplugin-1.2.1.zip
Connecting to <HTTP/HTTPS server IP>:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 19486526 (19M) [application/zip]
Saving to: `ucs-vcplugin-1.2.1.zip.1'

100%[=====] 19,486,526 110M/s in
0.2s
2016-03-03 20:35:31 (110 MB/s) - `ucs-vcplugin-1.2.1.zip.1' saved [19486526/19486526]
```

ةمچرتل هذه ل و ح

ةلأل تاي نقتل ن م ة و مچ م ادخت ساب دن تسم ل ا اذ ه Cisco ت مچرت
م ل ا ل ا ا ن ا ع مچ ي ف ن ي م د خ ت س م ل ل م ع د ي و ت ح م م ي د ق ت ل ة ي ر ش ب ل و
ا م ك ة ق ي ق د ن و ك ت ن ل ة ل ا ة مچرت ل ض ف ا ن ا ة ظ ح ا ل م ي ج ر ي . ة ص ا خ ل ا م ه ت غ ل ب
Cisco ي ل خ ت . ف ر ت ح م مچرت م ا ه م د ق ي ي ت ل ا ة ي ف ا ر ت ح ا ل ا ة مچرت ل ا ع م ل ا ح ل ا و ه
ي ل ا م ا د ع و ج ر ل ا ب ي ص و ت و ت ا مچرت ل ا ه ذ ه ة ق د ن ع ا ه ت ي ل و ئ س م Cisco
Systems (ر ف و ت م ط ب ا ر ل ا) ي ل ص ا ل ا ي ز ي ل ج ن ا ل ا دن ت س م ل ا