

ةهجاو لالځ نم VCS رادصا حاتفم تيبتت رم اوألا رطس ةهجاو نيوكت لاثم و بيولا

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ةمدقملا

نم Cisco نم (VCS) ويديفالا تالاصتا م داخ ل رادصا حاتفم تيبتت دن تسملا اذه فص ي
(CLI) رم اوألا رطس ةهجاو بيولا ةهجاو لالځ.

ةيساسألا تابلطتملا

تابلطتملا

ةيلاتلا عيضاوملاب ةفرعم كي دل نوكت نأ Cisco ي صوت

VCS تيبتت

بيولا ةهجاو ربع هيل لوصول نكمي حل اص IP ناو نع تقبطو حانج نب VCS تيبتت ب تمق دقل
و CLI.

همالتسا و VCS ل يسلسلتلا مقرلل حل اص رادصا حاتفم بلط مي دقت مت

و CLI و web interface ب لوؤسملا باسحو (CLI ب) رذج ءاوس دح لعل عم VCS ل ل ذفنم ي قلت ي

Cisco.com نم VCS جم انرب ةيقرت ةروص لي زنتب مق

انه تيبتتلا ةلدأ لعل روثلال نكمي: **ةظحالم**

<http://www.cisco.com/c/en/us/support/unified-communications/telepresence-video-communication-server-vcs/products-installation-guides-list.html>

ةمدختسملا تانوكملا

ةةلالتل اءماربلا تارااصلل الل اءنءسملل اءه فل ءءراولل تامولعملل اءنءسء:

VCS رااصلل 8.6.1 و 8.7.3

VCS Control 8.x و 7.x تارااصلل

VCS Expressway 8.x و 7.x تارااصلل

PuTTY (ةفلرط ءاكاءم ءمانرب)

نامال ءقبط لوكوءورب معءل ءفلرط ءاكاءم ءمانرب فل مااءءءسل ءنءم فل ءلء نم الءب—
ءلء لل امو TeraTerm و Secure CRT لءم (SSH)

(PuTTY ل نامال ءسئلل لوكوءورب للمع) PSCP

SCP معءل للمع فل مااءءءسل ءنءم فل—

ةفلرءلل ءاءءم وائل رااصلل ءاءءم عم صءءءرءلل فل نوءرءءلل ال ءلربلل

Chrome و Internet Explorer للمع فل نأ بءو ءلءءءسل ءمءل ءلءءم ال اءه فل بفل وءءصءم
واسءم لءءب

ءصاء ءفللمعم ءئبل فل ءءوءومل ءزهءال نم اءنءسملل اءه فل ءءراولل تامولعملل ءاشنل مء
ءنءك اءل (فلضارءل) ءوسمم نبل وءءءل اءنءسملل اءه فل ءمءءءسل ءزهءال ءلمء ءءب
رمل فل لمءءءم ال رلءاءلل ءمءه فل نم ءكاءءل ءرءابم ءءءبب

نبل وءءلل

بفل ولاءهءاو رااصلل ءاءءم ءلءبءل لاءم

نبل رائل ءلءل انه

ءاءءم رااصلل ءءبء ءلءءسل ءنأ ءءاو رائل

ةفلرءلل ءفللمع نم ءءء ءااصلل ءاءءم ءفاصل ءنءم فل ءلءل رائل

ءلء ءءب ءفلرءلل رائل بءو بءم ال ولاءءومءم ال رائل ضرءنسل و لمع فل رائل نأ ام

VCS لملءءء ءءاعل نبل رائل ال ءبلءلءم: ءءءالم

صءءءرءلل فل نوءرءءلل ال ءلربلل لاءم سفل نبل رائل ال ءمءءءسل: ءءءالم

اءه لامءءءساب وبل ءلءلءاب اءه ببل ولاءهءاو لاءم موقل. ءءومءم ال رائل رهظل ءءاو رائل
ءنءسملل

مقرلل لل لوصءللو ءب صاءل (VCS) ءرومل ءئل فل فرعم ءلءبءل ءءءمب: 1 ءوطلءل
فللسلسءلل مقرلو و PAK مقر مااءءءساب ءب صاءل رااصلل ءاءءم مبل ءءو فللسلسءلل
أو بلءءل ءلءل Cisco صءلءرءل قلرل نم صءلءرءلءب ءصاء فل نوءرءءلل ءلرب ءلءلءل
ءلءم ال لبلسل لل ءلءل نوءرءءلل ال ءلربل فل رائل ءلءلءلءب و رااصلل ءاءءم لل ءلءلءلءل
ءلءم ال اءهء مءءءءسل رااصلل ءاءءم ءفلرءل ءنءم فل

دنتسمل اذه قاطن جراخ PAK ىلع ةلثمأ دجوت :ةظحالم

ينورتكلال دي ربال ىلع لاثم

You have received this email because your email address was provided to Cisco Systems during the Serial Number Lookup process for software license activation key/file. Please read this email carefully and forward it with any attachments to the proper system administrator if you are not the correct person.

```
System Serial Number      : 0B616767
Hardware Serial Number    : 0B616767
MAC Address               : 000000000000
Service Contract         : -
SC End Date              : -

Software Part Name       : L-VCS-FINDME:
Tandberg Item No        : L-VCS-FINDME:VCS - Enable User Policy feature
Shipped Version          : -
Shipped Version Key      : 116341U00-1-1C328745
Shipped Image URL       : -
Upgrade To              : -
Upgrade To Key           : 7513492028475672
Upgrade To Image URL    : -

Options
Cisco Option Name       : LIC-VCS-300:
Tandberg Option Name    : 116341X300:VCS - add 300 non-traversal calls
Option Key              : 116341X300-1-7D03B558

Options
Cisco Option Name       : LIC-VCS-DEVPROV:
Tandberg Option Name    : 116341P00:VCS - Enable Device Provisioning
Option Key              : 116341P00-1-1FEB68A1

Options
Cisco Option Name       : LIC-VCS-GW:
Tandberg Option Name    : 116341G00:VCS - Enable GW feature
Option Key              : 116341G00-1-96554215
```

Sample Release
Key

ضرتسم مادختساب (VCS) ويديفالاتافلمب ةصاخال بيولا ةهجاو ىلى لوصول: 2 ةوطخال VCS. ةلاح ةشاش ىلى كلقن متيولوؤسم باسح مادختساب لوخدلا لچس .بيو

دنتسمل اذه في دمتم لكشب تاناخال ضعب هيومت مت :ةظحالم



Overview

Note: Login brings you to the Status Screen

System Information

System name	VCS-C
Up time	22 days 32 minutes 11 seconds
Software version	X8.6.1
IPv4 address101
Options	500 Non Traversal Calls, 150 Traversal Calls, 2500 Registrations, Encryption, Interworking, FindMe, Device Provisioning, Microsoft Interoperability.

Resource usage (last updated: 17:07:52 EDT)

<u>Non-traversal calls</u>	Current	0
	Peak	0
	Since last restart	0
	License usage current	0%
	License usage peak	0%
<u>Traversal calls</u>	Current video	0
	Current audio (SIP)	0
	Peak video	0
	Peak audio (SIP)	0
	Since last restart video	0
	Since last restart audio (SIP)	0
	License usage current	0%
	License usage peak	0%
<u>Registrations</u>	Current	0
	Peak	0
	Since last restart	0
	License usage current	0%
	License usage peak	0%

قوف رورملا .كب صاخلا رادصلإا حاتفم تيبتتل ةبسانملا ةشاشلا إلى لقتنا :3 ةوطخال ةناي ص بيوبتلا ةمالع .



Click on Maintenance

Overview

System information		
System name	VCS-C	
Up time	22 days 32 minutes 11 seconds	
Software version	X8.6.1	
IPv4 address	.101	
Options	500 Non Traversal Calls, 150 Traversal Calls, 2500 Registrations, Encryption, Interworking, FindMe, Device Provisioning, Microsoft Interoperability.	

Resource usage (last updated: 17:07:52 EDT)		
Non-traversal calls		
Current	0	
Peak	0	
Since last restart	0	
License usage current	0%	
License usage peak	0%	
Traversal calls		
Current video	0	
Current audio (SIP)	0	
Peak video	0	
Peak audio (SIP)	0	
Since last restart video	0	
Since last restart audio (SIP)	0	
License usage current	0%	
License usage peak	0%	
Registrations		
Current	0	
Peak	0	
Since last restart	0	
License usage current	0%	
License usage peak	0%	

رأي الخلل حيث افم قوف رقنا، عمئ اقلال روهظ دنع 4: ةوطخلال



Overview

System information		
System name	VCS-C	
Up time	22 days 32 minutes 11 seconds	
Software version	X8.6.1	
IPv4 address	.101	
Options	500 Non Traversal Calls, 150 Traversal Calls, 2500 Registrations, Encryption, Interworking, FindMe, Device Provisioning, Microsoft Interoperability.	

Resource usage (last updated: 17:10:32 EDT)		
Non-traversal calls		
Current	0	
Peak	0	
Since last restart	0	
License usage current	0%	
License usage peak	0%	

- Upgrade
- Logging
- Option keys
- Tools
- Security certificates
- Backup and restore
- Diagnostics
- Maintenance mode
- Language
- Restart options

Click on Option Keys

حاتفم ل قح كانه نو كيسف ، اديج اتي بثت اذه ناك اذو رادصال حاتفم مسق طحال 5: ةوطخلال

عميق اقبسم دوجوم ال VCS تيبثت ب صاخ ال رادص ال اجات فم لقح علم متي .غراف رادص ال
هذه ي ف رادص ال اجات فم نييعل تل ةيقرتل راخ مادختس اكنكمي .يلال ال رادص ال اجات فم
ةلال.

جات فم ريغتي .ةيونال ال رادص ال اجات فم ريغتي ال :ةظالم
ال 8.x ال 7.x لثم ةيسيئرل ا رادص ال اجات فم نيي طوق رادص ال

رادص ال اجات فم لقح ي ف هقصلو ك صاخ ال رادص ال اجات فم خسنب مق

CISCO Cisco TelePresence Video Communication Server Control

This system has 5 alarms

Status System Configuration Applications Users Maintenance

You are here: Maintenance > Option keys

Key	Description	Status	Validity period
<input type="checkbox"/> 116341C00-1-1E7D8EDE	Microsoft Interoperability	Active	Unlimited
<input type="checkbox"/> 116341G00-1-98554215	H323-SIP Interworking Gateway	Active	Unlimited
<input type="checkbox"/> 116341P00-1-1FEB68A1	Device Provisioning	Active	Unlimited
<input type="checkbox"/> 116341U00-1-1C328745	FindMe	Active	Unlimited

Delete Select all Unselect all

System information

Serial number: 0B616767

Active options: 500 Non Traversal Calls, 150 Traversal Calls, 2500 Registrations, Encryption, Interworking, FindMe, Device Provisioning, Microsoft Interoperability.

Software option

Add option key

Add option

Release key

Release key

Set release key

Note the Release Key section and the blank field if this is a new VCS. This may have a value if the release key is already installed. Copy your newly acquired Release Key into this field.

رادص ال اجات فم لقح ي ف قصلم رادص ال اجات فم ةيؤر ككنكمي : 6 ةوطخال



This system has 5 alarms

Option keys

You are here: Maintenance > Option k

Key	Description	Status	Validity period
<input type="checkbox"/> 116341C00-1-1E7D8EDE	Microsoft Interoperability	Active	Unlimited
<input type="checkbox"/> 116341G00-1-98554215	H323-SIP Interworking Gateway	Active	Unlimited
<input type="checkbox"/> 116341P00-1-1FEB68A1	Device Provisioning	Active	Unlimited
<input type="checkbox"/> 116341U00-1-1C328745	FindMe	Active	Unlimited

Delete Select all Unselect all

System information

Serial number 0B616767
Active options 500 Non Traversal Calls, 150 Traversal Calls, 2500 Registrations, Encryption, Interworking, FindMe, Device Provisioning, Microsoft Interoperability.

Software option

Add option key

Here, I've pasted in the release key from our email example above.

Add option

Release key

Release key

Set release key

Current licenses

رادصالاحاتفم نييعت قوف نألارقنا :7 ةوطخلا



Option keys

You are here: Maintenance > Option I

Key	Description	Status	Validity period
<input type="checkbox"/> 116341C00-1-1E7D8EDE	Microsoft Interoperability	Active	Unlimited
<input type="checkbox"/> 116341G00-1-98554215	H323-SIP Interworking Gateway	Active	Unlimited
<input type="checkbox"/> 116341P00-1-1FEB68A1	Device Provisioning	Active	Unlimited
<input type="checkbox"/> 116341U00-1-1C328745	FindMe	Active	Unlimited

Delete Select all Unselect all

System information

Serial number 0B616767
Active options 500 Non Traversal Calls, 150 Traversal Calls, 2500 Registrations, Encryption, Interworking, FindMe, Device Provisioning, Microsoft Interoperability.

Software option

Add option key ⓘ

Add option

Release key

Release key 7513492028475672 ⓘ

Set release key

Now I click Set release key

Current licenses

لدى أي رهظت يتال ةبل اظم ال في ليغشت ال ةداع | يبعشت ال طابترال ا قوف رقنا : 8 ةوطخل ال VCS: ليغشت ةداع ال ةحفصل ال

Option keys

You are here: Maintenance > Option

Saved The release key has been updated, however a restart is required for it to take effect.

Key	Description	Status	Validity period
<input type="checkbox"/> 116341C00-1-1E7D8EDE	Microsoft Interoperability	Active	Unlimited
<input type="checkbox"/> 116341G00-1-96554215	H323-SIP Interworking Gateway	Active	Unlimited
<input type="checkbox"/> 116341P00-1-1FEB68A1	Device Provisioning	Active	Unlimited
<input type="checkbox"/> 116341U00-1-1C328745	FindMe	Active	Unlimited

Delete Select all Unselect all

Notice how a message comes up saying I need to restart, click on restart and follow steps from there to reload the VCS. Once rebooted, the key will be installed.

System information

Serial number: 0B616767

Active options: 500 Non Traversal Calls, 150 Traversal Calls, 2500 Registrations, Encryption, Interworking, FindMe, Device Provisioning, Microsoft Interoperability.

Software option

Add option key:

Add option

Release key

Release key: 7513492028475672

Set release key

رادصإلإ حاتفم تيبتتل ةيقرتلإ راخ: ينال راخإل

ف ةيقرتلإب مق م، كذلبلق لإحلإ ناك امك ةناصلإ قوف رقنا، ببولأ ةهجاو نم: 1 ةوطخلإ ةقتبئالم ةمئاقلل.

CISCO Cisco TelePresence Video Communication Server Control

Status System Configuration Applications Users **Maintenance** This system has 6 alarms Help Logout

Upgrade You are here: Maintenance > Upgrade

- Upgrade**
- Logging
- Option keys
- Tools
- Security certificates
- Backup and restore
- Diagnostics
- Maintenance mode
- Language
- Restart options

7513492028475672

Upgrade component

WARNING: You should backup the system before upgrading. [System backup](#)

Select file No file selected

ةيقرتلا نوكم مسق ىرت ،ةيقرتلا ةشاش في 2 ةوطخال

ىل VCS ءامارب ةيقرت ةروص لىزن تب تمق كن دن تسمل اذ ضررت في :ةظءالم
كب صءخال لىل ءملا رت وىبم ءلا

اهل لىزن تب تمق لىل VCS ةيقرت ةروص ءقوم دىءءل ضارءءس لىل ءرقنا

CISCO Cisco TelePresence Video Communication Server Control

Status System Configuration Applications Users **Maintenance** This system has 5 alarms Help Logout

Upgrade You are here: Maintenance > Upgrade

Component	Version	Release key
B2BUA Presence Relay	1.0-319687	
B2BUA Service	1.0-319687	
c_mgmt	8.6-1.0.319687	
collectdsupport	5128	
oaksupport	5128	
stringencoderssupport	5128	
System platform	X8 6.1	7513492028475672
traffic_server	5128	
xcp-vcs	1.0-319687	
xcpsupport	5128	

Upgrade component

WARNING: You should backup the system before upgrading. [System backup](#)

Select file No file selected

Click Browse to locate your upgrade image, then browse to the file on your local machine and upload.

نم قصل اوخسنا. اه بلط دن ع رادصال حاتفم لقح يف رادصال حاتفم ةم يق لخدا: 3 ةوطخل
 x8.7.3 الى x8.6.1 نم ، ةلحال هذه لثم ةطيسب ةيقرت هذه تناك اذا و ا ينورت كلالا دي ربال
 ةشاشلا سفن نم اه قصل واهخسنا:

Upgrade

Component	Version	Release key
B2BUA Presence Relay	1.0-319687	
B2BUA Service	1.0-319687	
c_mgmt	8.6-1.0.319687	
collectdsupport	5128	
oaksupport	5128	
stringencoderssupport	5128	
System platform	X8 6.1	7513492028475672
traffic_server	5128	
xcp-vcs	1.0-319687	
xcpsupport	5128	

Upgrade component

WARNING: You should backup the system before upgrading. [System backup](#)

Select file

Release key

Once the file is selected, you can paste your release key in the field noted to the left. You can copy the release key from your licensing email. Or, if you are just doing a minor upgrade like in this example from 8.6.1 to 8.7.3, you can copy and paste the release key already installed which is circled above in this example

و ا ةي لمعل نع اديعب رحبت الوعبتت يتلا تاي لمعل بقار. ةيقرت زلا قوف رقنا: 4 ةوطخل
 ةداعا يل ع رقنا. اه تي بثت متيس م ث ، ةروصل ليمحت متيس. دي دج نم ادبال ك يل ع
 اه بلط دن ع ليغشلا

Upgrade

Component	Version	Release key
B2BUA Presence Relay	1.0-319687	
B2BUA Service	1.0-319687	
c_mgmt	8.6-1.0.319687	
collectdsupport	5128	
oaksupport	5128	
stringencoderssupport	5128	
System platform	X8 6.1	7513492028475672
traffic_server	5128	
xcp-vcs	1.0-319687	
xcpsupport	5128	

Upgrade component

WARNING: You should backup the system before upgrading. [System backup](#)

Select file

Release key

Information
 The 16-character release key for the new software version. This is not required if you are upgrading to a dot release, for example from 1.0 to 1.1.

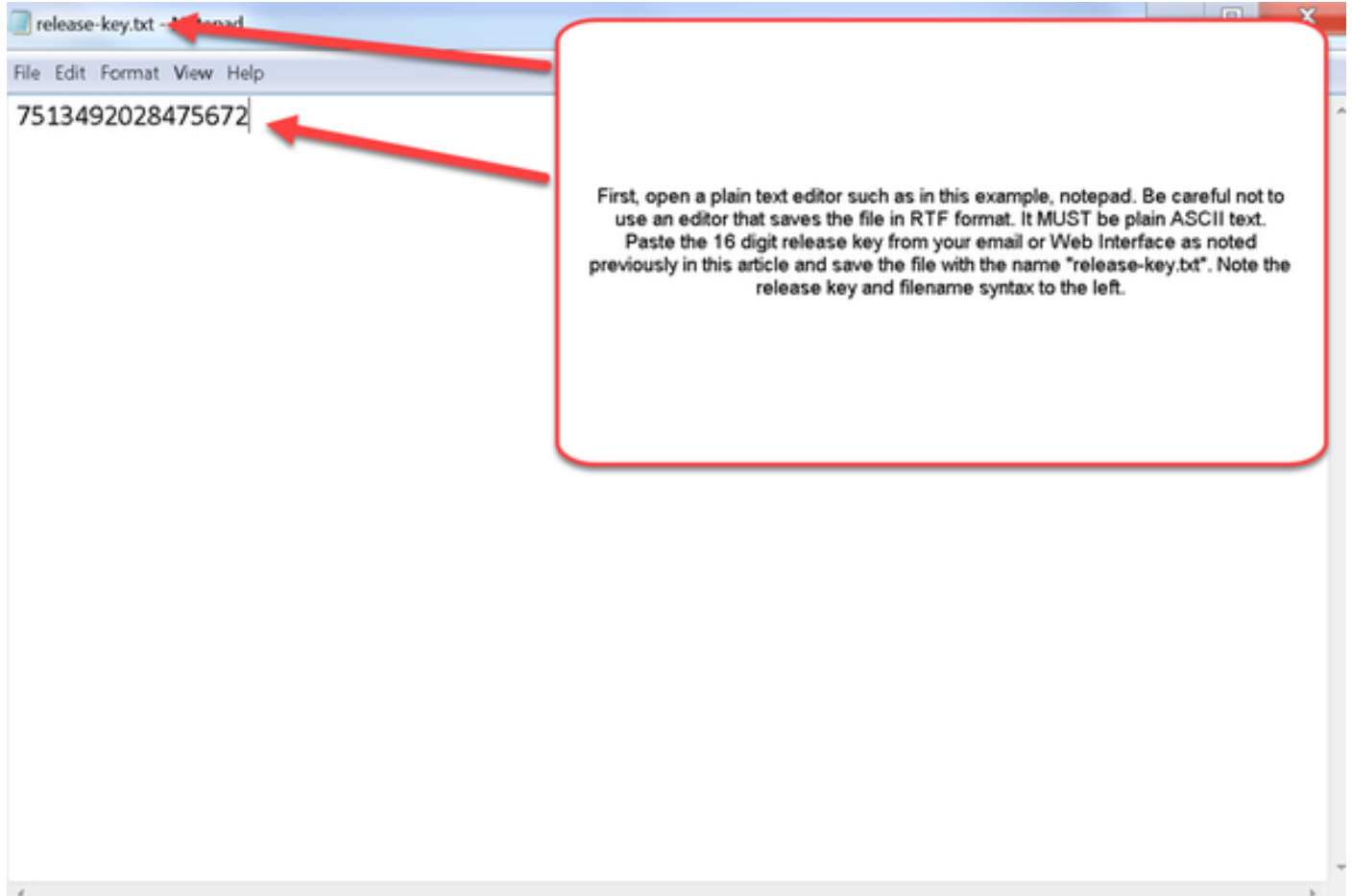
Once the release key is pasted, you can click upgrade and then follow the steps from there. Do not leave the screens or you will have to start over. The image will first upload, then it gets installed and finally you restart the VCS. Once it is restarted and comes back up, it should be on the new release and the release key can be verified exactly the same as with a fresh install.

ني تي رطل م دختسا. VCS ليغشت ةداعا درجمب ، حيحص لكشب رادصال تي بثت نم ققحت
 دن تسما اذه يف ةحصلا نم ققحتلا مسق يف ني تظحالما

رم اوأا رطس ةه جاو رادصال حاتفم تي بثت لاثم

نمضتت نېأزج نم ةنوكم ةي لمع هذه .رم اوألا رطس ةهجاو ربع رادصإ حاتفم تي بثتت مق جم انرب قي بطتو Windows في (CMD) رم ألا هجوم نم لاثملا اذه في (PSCP) ليمع مادختسا لثم ةي فرط ةاكاحم PuTTY.

دوجو مدع نم دكأت .ي داع ASCII يصن فلم ىلإ كب صاخلا رادصإلا حاتفم خسننا :1 ةوطخلا ررحم قي بطت في رادصإلا حاتفم خسننا .اهدب وأ رادصإلا حاتفم ةميقي لبق تافاسم **release-key.txt** ةئيه ىلع فلملا ظفحا كب صاخلا صوصنلا



لقتنا .رتوي بمكلا ىلع ليلدلا س فن في PSCP.exe و **release-key.txt** فلم عض :2 ةوطخلا ليلدلا رادصإلا حاتفم خسنناو Windows في (CMD) رم اوأ هجوم مادختساب ليلدلا كلذ ىلإ دنع رنجلال باسحلا رورم ةم لك لخدأ .PSCP ةكرجل رنجلال باسحلا مادختسا .VCS ىلع تقوم لاثم يلي امي في 100% ةبسنن ب حضورم وه امك لقلنلا ةي لمع لامتك نم ققحت .اهبلط

```
C:\Users\jawaii\Desktop>pscp release-key.txt root@10.10.10.101:/tmp/release-key
Using keyboard-interactive authentication.
Password:
release-key.txt | 0 kB | 0.0 kB/s | ETA: 00:00:00 | 100%

C:\Users\jawaii\Desktop>pscp s42700x8_7_3.tar.gz root@10.10.10.101:/tmp/tandberg
-image.tar.gz
Using keyboard-interactive authentication.
Password:
s42700x8_7_3.tar.gz | 48644 kB | 579.1 kB/s | ETA: 00:11:41 | 10%
```

Note in the first circle above, we are using a Windows CMD prompt where I've saved the release-key.txt file to my desktop. In the first line, I've navigated to my desktop with the CMD command "cd desktop" and then am copying the file over to the VCS using free ware putty PSCP. In the next circle, I am copying over the image to the VCS using PSCP. and the third circled item is showing the progress. Once complete, I will use putty SSH shell to restart the VCS.

هذه خسننا. انه عم دختسم الما 8.7.3 لثم، اهيلي اةي قرتي لتلا ةروصلنا خسننا: 3 ةوطخلنا نوكي ي قلتتي ةروص ةي جمر ب الما، 100% ب ي دبي ةل اءل اءق قء. PSCP ماءءءءنا س ربع ةروصلنا VCS ل اءي نأ زءا ءءنا ء VCS ل اء خسن تءهنا:

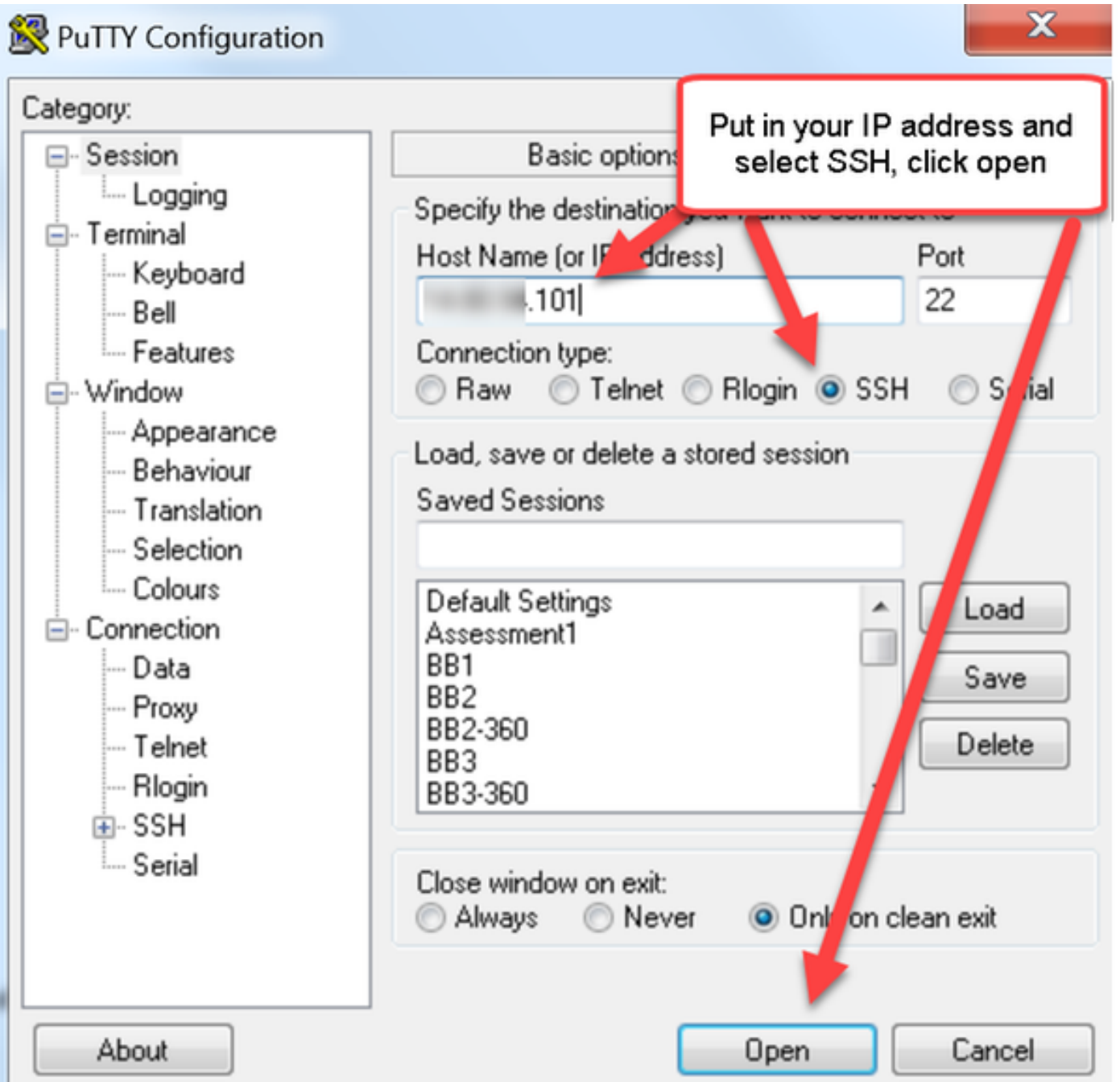
```
C:\Users\jawaii\Desktop>pscp C:\Users\jawaii\Desktop\release-key.txt root@10.10.10.101:/tmp/release-key
Using keyboard-interactive authentication.
Password:
release-key.txt | 0 kB | 0.0 kB/s | ETA: 00:00:00 | 100%

C:\Users\jawaii\Desktop>pscp s42700x8_7_3.tar.gz root@10.10.10.101:/tmp/tandberg
-image.tar.gz
Using keyboard-interactive authentication.
Password:
s42700x8_7_3.tar.gz | 454854 kB | 584.6 kB/s | ETA: 00:00:00 | 100%

C:\Users\jawaii\Desktop>
```

Note, the installation is complete. Now we go to Putty and reboot the VCS via CLI from an SSH session. Alternatively, you can reboot the VCS from the Web Interface.

بءءءنا و PuTTY ءءءنا. VCS ءم ان رب ي ل SSH ةسل ء ربع VCS ءم ان رب يءهءم ءءاءءب مق: 4 ةوطخلنا ءءءل SSH قوف رءنا. VCS ب صءءل IP نا وء يء:



لخدا. اهبلط دنع لوؤسم باسح مادختساب VCS لى لى لوخدلا لچس وحتف قوف رقنا: 5 ةوطخلال
 لخدا. reboot لى VCS نأ حىحص رمالا لى قلى تي تنأ تقق د. اهبلط دنع لوؤسم لى باسح رورم ةم لك
 ةمزج xCommand نأ دكؤي VCS لى. رمالا ةحص نم دكأت لى لاؤسو ةفاسم ةمالعب اعوبتم رمالا
 VCS لى تدهم دىعي نأ ةمزج xCommand رمالا تلخد. VCS لى غشت ةداعاب موقيس

```

login as: admin
Using keyboard-interactive authentication.
Password:
Login as admin or whatever admin account you have set, as long as that
account has full admin privileges.

# alarms:
* warning    TES Provisioning Extension services communication failure - The VCS is unable to communicate with the TES Provisioning Extension services. Phone book ser
vice failures can also occur if TES does not have any users provisioned against this cluster.
* warning    Insufficient media ports - There is an insufficient number of media ports to support the number of licensed calls
* warning    Insecure password in use - The root user has the default password set
* warning    Configuration warning - For phone book requests to work correctly, authentication policy must be enabled on the Default Subzone and any other relevant su
bzone; authentication must also be enabled on the Default Zone if the endpoints are not registered
* warning    Configuration warning - For provisioning to work correctly, authentication policy must be enabled on the Default Zone and any other relevant zone that re
ceives provisioning requests

Last login: Thu Nov  3 23:38:19 EDT 2016 from 10.10.10.135 on pts/0
TANDBERG Video Communication Server ED.6.1
OS Release date: 2015-08-25 17:40, build

OK

#Command Boot ?
#h xCommand Boot
#Reboots the VCS.

OK

#Command Boot

OK

```

م تي لاصتال نأل يداع فرصت اذه. قلغت ةسلج PuTTY و reboot نوکي وه نأ VCS ضموي
 (VCS) ويديفل تافلماظن ليعشت ديهمت ةداع قرغتسي. VCS ديهمت ةداع دنع هؤاهن
 ةهجاو ربع ام احيحص لكشب تبثمل رادصل اجاتفم ةحص نم ققحت. قئاقد سمخ يلاوح
 اذه يف ةحصل نم ققحتل مسق يف ظحال م وه امك (CLI) رماوالا رطس ةهجاو وا بيولا
 دنسمل.

ةحصل نم ققحتل

بيولا ةهجاو يلع رادصل اجاتفم تي بثت ةحص نم ققحتل

بيولا ةهجاو يف رادصل اجاتفم تي بثت نم ققحتل امه ب كنكمي ناتقيرط كانه
 رادصل اجاتفم لقح ددحو اقبس م هي ل ةراشل اتم امك تارايل اجاتفم ةحص عجار 1 رايل

Option keys

You are here: Maintenance > Option

Key	Description	Status	Validity period
<input type="checkbox"/> 116341C00-1-1E7D8EDE	Microsoft Interoperability	Active	
<input type="checkbox"/> 116341G00-1-96554215	H323-SIP Interworking Gateway	Active	
<input type="checkbox"/> 116341P00-1-1FEB68A1	Device Provisioning	Active	
<input type="checkbox"/> 116341U00-1-1C328745	FindMe	Active	

Information

Specifies the option key of your software option. These are added to the system in order to add extra functionality, such as increasing the system's capacity. Contact your Cisco representative for further information.

Range: 0 to 1024 characters

Delete Select all Unselect all

System information

Serial number: 0B616767

Active options: 500 Non Traversal Calls, 150 Traversal Calls, 2500 Registrations, Encryption, Interworking, FindMe, Device Provisioning, Microsoft Interoperability.

Software option

Add option key

Add option

Release Key is installed

Release key

Release key

Set release key

اقبسم ةراشإلا تمت امك ةققرتلا ةحفص نم ققحت :2 رايخا

Component	Version	Release key
B2BUA Presence Relay	1.0-319687	
B2BUA Service	1.0-319687	
c_mgmt	8.6-1.0.319687	
collectdsupport	5128	
oaksupport	5128	
stringencoderssupport	5128	
System platform	X8.6.1	
traffic_server	5128	
xcp-vcs	1.0-319687	
xcpsupport	5128	7513492028475672

Upgrade component

WARNING: You should backup the system before upgrading. [System backup](#)

Select file No file selected.

You can see the Release Key on the Upgrade Screen too.

رادصإلا حاتفم تيبتتل (CLI) رماوالا رطس ةهجاو ةهجاو نم ققحتلا

ىلإ SSH لمع ةسلج لالخنم (CLI) رماوالا رطس ةهجاو ربع رادصإلا حاتفم تيبتتل نم ققحت يف اقبسم هيلإ ةراشإلا تمت امك لوؤسم باسح مادختساب لوخدلا لچس. رماوالا رطس ةهجاو xStatus SystemUnit Software رمالا رادصإل مق ،كانه ىلإ لوصولا درجمبو. دنتسمل اذه رادصإلا حاتفم تيبتتو ةيقرتلا حاجن ةطخالم كنكمي:

```
login as! admin
Using keyboard-interactive authentication
Password:
5 alarms:
 * warning TMS Provisioning Extension services communication failure - The VCS
is unable to communicate with the TMS Provisioning Extension services. Phone b
ook service failures can also occur if TMS does not have any users provisioned a
gainst this cluster.
 * warning Insufficient media ports - There is an insufficient number of medi
a ports to support the number of licensed calls
 * warning Insecure password in use - The root user has the default password
set
 * warning Configuration warning - For phone book requests to work correctly,
authentication policy must be enabled on the Default Subzone and any other rele
vant subzone; authentication must also be enabled on the Default Zone if the end
points are not registered
 * warning Configuration warning - For provisioning to work correctly, authen
tication policy must be enabled on the Default Zone and any other relevant zone
that receives provisioning requests

Last login: Thu Nov 3 23:49:32 EDT 2016 from 10.10.10.135 on pts/0
TANDBERG Video Communication Server 20.7.3
SW Release date: 2016-04-14 10:20, build
OK

xastatus systemunit software
#a SystemUnit: /
Software:
Build: oak_V8.7.3 rc 2
Configurations:
AdvancedAccountSecurity: "False"
DeviceProvisioning: "True"
DualNetworkInterfaces: "False"
Encryption: "True"
EnhancedOCSCollaboration: "True"
Expressway: "False"
ExpresswaySeries: "False"
FindMe: "True"
Interworking: "True"
NonTraversalCalls: "500"
Registrations: "2500"
StarterPack: "False"
TraversalCalls: "150"
Name: "e42700"
ReleaseDate: "2016-04-14"
ReleaseKey: 7533492020475672
Version: "20.7.3"
#a/end
OK
```

SSH into the VCS and login as admin and enter the admin password when prompted.

Note in this specific example, my VCS is upgraded now and my release key is installed.

اهحالصإو ءاطخأل فاشكتسا

حاتفم رايخ تلخد Cisco VCS لىل عحاتفم قاطلإ تنأ امدنع رادصلإ يأ ىقلىل تي ال تفوس تنأ وه ةيقرتللاب موقت تنأ امدنع حاتفم رايخ تلخد وأ VCS لىل نم لاجم حاتفم رادصلإ ي هذه ةيادب ي ف روكذملال ي نورتكلالال ديربلال لاثم حضوي .لشفللال اعويش رثكالال ببسلال ي ف رايخ حاتفم لاخذل دنع أطخ شدي .رادصلإل حاتفم لىل ةفاضلالاب تارايللال حيتافم ةلاقملال رادصلإل حاتفم لىل قح

Status System Configuration Applications Users Maintenance

You are here: Maintenance > Option

Option keys

Saved: The release key has been updated, however a [config](#) is required for it to take effect.

Key	Description	Status	Validity	Information
<input type="checkbox"/> 116341000-1-1E7D8E0E	Microsoft Interoperability	Active	Unlimited	Specifies the option key of your software option. These are added to the system in order to add extra functionality, such as increasing the system's capacity. Contact your Cisco representative for further information. Range: 0 to 1024 characters
<input type="checkbox"/> 116341000-1-96554215	H323-SIP Interworking Gateway	Active	Unlimited	
<input type="checkbox"/> 116341P00-1-1FE868A1	Device Provisioning	Active	Unlimited	
<input type="checkbox"/> 116341U00-1-1C328745	FindMe	Active	Unlimited	

System information

Serial number: 0B6167C7

Active options: 500 Non Traversal Calls, 150 Traversal Calls, 200 Registrations, Encryption, Interworking, FindMe, Device Provisioning, Microsoft Interoperability

Software option

Add option key:

Add option

Release key

Release key: 116341000-1-1E7D

Set release key

Here, I have pasted into the release key field to the left, the Microsoft Interoperability Option Key noted above. The VCS will let me do this, I then click Set release key which the VCS also lets me do and it prompts me to restart at the top of the page.

عج حيص ريغ ةمي ق لاخدا عم VCS ليغشت دعأ .رادصلا حاتفم لقح يف ةمي ق يا VCS لبق ي
 "حلاص ريغ رادصلا حاتفم أطخ يقلتتسو"

Status System Configuration Applications Users Maintenance

You are here: Status > Overview

Overview

Invalid release key: Release key is missing: the system is in demonstration mode and has limited functionality, contact your Cisco support representative to buy your release key.

System information

System name: VCS-C

Up time: 8 minutes 8 seconds

Software version: X8.7.3

IPv4 address: 14.80.94.101

Options: 501 Non Traversal Calls, 150 Traversal Calls, 3 Registrations, Encryption, Interworking, FindMe, Device Provisioning, Microsoft Interoperability

Resource usage (last updated: 01:41:40 EDT)

Resource	Current	Peak	Since last restart	License usage current	License usage peak
Non-traversal calls	0	0	0	0%	0%
	0	0	0	0%	0%
	0	0	0	0%	0%
	0	0	0	0%	0%
	0	0	0	0%	0%
Traversal calls	0	0	0	0%	0%
	0	0	0	0%	0%
	0	0	0	0%	0%
	0	0	0	0%	0%
	0	0	0	0%	0%
Registrations	0	0	0	0%	0%
	0	0	0	0%	0%
	0	0	0	0%	0%
	0	0	0	0%	0%
	0	0	0	0%	0%

Now I have an Invalid Release Key
 To fix this, I simply follow the release key process noted in this document and install the RELEASE KEY and not an option key.

طرشلا اذه حيصتل دنتمسلا اذه يف حضوم وه امك رادصلا حاتفم تيبتت مق

لاطعال نم ىرخأ عاونأ يا يف ةدعاسم لل Cisco TAC كارشاب مق

ةمچرتل هذه ل و ح

ةلأل تاي نقتل ن م ة و مچ م ادخت ساب دن تسمل اذ ه Cisco ت مچرت
ملاعلاء نأ عي مچ ي ف ن ي م دخت سمل ل معد ي و تح م مي دقت ل ة ي رش ب ل و
امك ة ق ي قد ن و ك ت ن ل ة ي ل ة مچرت ل ض ف أ ن ة ظ حال م ي ج ر ي . ة ص ا خ ل 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 (رف و ت م ط بار ل ا) ي ل ص أ ل ا ي ز ي ل ج ن ا ل ا دن تسمل ا