

# CloudCenter 4.8.2 Manager ريغتملا فلملا عقومو

## تايوتحمل

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## عمدقمل

اهريغت مت يتلا تافل مللا عقوم دننتملا اذه فصري

## لكشب لمعي قرادال مداخ ناك اذا امم ققحتللا متي فيك قحيص

1. SSH عم CloudCenter Manager لى لوخدلا ليجست.

2. رمال مادختساب لمعي قرادال مداخ ناك اذا امم ققحت.

```
[root@ip-172-31-78-238 sysconfig]# systemctl status mgmtserver.service
mgmtserver.service - Management Server
  Loaded: loaded (/etc/systemd/system/mgmtserver.service; enabled; vendor preset: disabled)
  Active: inactive (dead) since Fri 2017-11-10 16:55:31 UTC; 15s ago
  Process: 2732 ExecStart=/bin/sh -c . /etc/profile.d/jdk.sh;/usr/local/cliqr/apps/mgmtserver.war
 (code=killed, signal=TERM)
  Main PID: 2732 (code=killed, signal=TERM)
```

```
Nov 10 16:54:48 ip-172-31-78-238.ec2.internal sh[2732]: / ____| | | |
____| | | | | | | \ / |
Nov 10 16:54:48 ip-172-31-78-238.ec2.internal sh[2732]: | | | | ____ _ _ _ | | | ____ _
_ | | _ _ _ | \ / | _ _ _ _ _ _ _ _ _ _
Nov 10 16:54:48 ip-172-31-78-238.ec2.internal sh[2732]: | | | | / _ \ | | / _ \ | | / _ \
'_ \ | / _ \ ' _ | | \ / | / _ \ ' _ \ / _ \ ' _ |
Nov 10 16:54:48 ip-172-31-78-238.ec2.internal sh[2732]: | | | | ( ) | | | ( ) | | | _ /
| | | | _ / | | | | ( | | | | ( | | _ / |
Nov 10 16:54:48 ip-172-31-78-238.ec2.internal sh[2732]: \____|_| \ / \_,_| \_,_| \____\____|_|
|_| \_\____|_| | | | \_,_| | | \_,_| \_,_| \____|_|
```

```
Nov 10 16:54:48 ip-172-31-78-238.ec2.internal sh[2732]: __/ |
Nov 10 16:54:48 ip-172-31-78-238.ec2.internal sh[2732]: |___/
Nov 10 16:54:48 ip-172-31-78-238.ec2.internal sh[2732]: packager : (v4.8.2-SNAPSHOT), Powered by
Spring Boot : 1.5.8.RELEASE
Nov 10 16:55:31 ip-172-31-78-238.ec2.internal systemd[1]: Stopping Management Server...
Nov 10 16:55:31 ip-172-31-78-238.ec2.internal systemd[1]: Stopped Management Server.
[root@ip-172-31-78-238 sysconfig]#
```

## ةرادإل مداخ لئغشت ةداعإ كنكمي فيك

لئغشت ةداعإ ل systemCTL رمألا لئغشت كئل ع م ث نمو ،ماظن لئ تامدخال عيمج ريغت مت ةرادإل مداخ.

```
[root@ip-172-31-78-238 sysconfig]# systemctl restart mgmtserver.service
[root@ip-172-31-78-238 sysconfig]#
```

```
[root@ip-172-31-78-238 sysconfig]# systemctl status mgmtserver
mgmtserver.service - Management Server
   Loaded: loaded (/etc/systemd/system/mgmtserver.service; enabled; vendor preset: disabled)
   Active: active (running) since Fri 2017-11-10 15:19:20 UTC; 1h 27min ago
   Main PID: 601 (sh)
   CGroup: /system.slice/mgmtserver.service
           601 /bin/sh -c . /etc/profile.d/jdk.sh;/usr/local/cliqr/apps/mgmtserver.war
           611 /bin/bash /usr/local/cliqr/apps/mgmtserver.war
           667 /usr/lib/jvm/java-8-sun/bin/java -Dsun.misc.URLClassPath.disableJarChecking=true -
Xms2048m -Xmx4096m -Djava.security.egd=file:/dev/./urandom -jar
/usr/local/cliqr/apps/mgmtserver.war
```

```
Nov 10 15:19:20 ip-172-31-78-238.ec2.internal sh[601]: logger: Executing configuration set by
user
Nov 10 15:19:53 ip-172-31-78-238.ec2.internal sh[601]: ____ -
____
Nov 10 15:19:53 ip-172-31-78-238.ec2.internal sh[601]: / ____| | | |
____| | | | | \ / |
Nov 10 15:19:53 ip-172-31-78-238.ec2.internal sh[601]: | | | | ____ - - ___| | | | ____ -
- | | - - - | \ / | - - - - - - -
Nov 10 15:19:53 ip-172-31-78-238.ec2.internal sh[601]: | | | | / _ \ | | | | / _ \ | | | | / _ \
'_ \ | / _ \ ' __| | | | / _ \ | ' _ \ / _ \ | / _ \ | / _ \ ' __|
Nov 10 15:19:53 ip-172-31-78-238.ec2.internal sh[601]: | | ____| | ( ) | | | | ( ) | | ____| _/ |
| | | | _/ | | | | | ( ) | | | | ( ) | | ____| _/ |
Nov 10 15:19:53 ip-172-31-78-238.ec2.internal sh[601]: \____|_| \_/\ _\,-|\_,-|\____\___|_|
|_| \_-\___|_| |_| |_\_-_|_| |_| \_-|\_,-| \_-\_|
Nov 10 15:19:53 ip-172-31-78-238.ec2.internal sh[601]: __/ |
Nov 10 15:19:53 ip-172-31-78-238.ec2.internal sh[601]: |___/
Nov 10 15:19:53 ip-172-31-78-238.ec2.internal sh[601]: packager : (v4.8.2-SNAPSHOT), Powered by
Spring Boot : 1.5.8.RELEASE
[root@ip-172-31-78-238 sysconfig]#
```

## ةئزتلا مداخ لئغشت ةداعإ كنكمي فيك

```
[root@ip-172-31-78-238 sysconfig]# systemctl restart hazelcast-server
[root@ip-172-31-78-238 sysconfig]#
[root@ip-172-31-78-238 sysconfig]# systemctl status hazelcast-server
hazelcast-server.service - Hazelcast Server
   Loaded: loaded (/etc/systemd/system/hazelcast-server.service; enabled; vendor preset:
disabled)
   Active: active (running) since Fri 2017-11-10 16:54:37 UTC; 14s ago
```

```
Main PID: 2731 (sh)
CGroup: /system.slice/hazelcast-server.service
2731 /bin/sh -c . /etc/profile.d/jdk.sh;/usr/local/cliqr/apps/hazelcast-server.jar
2735 /bin/bash /usr/local/cliqr/apps/hazelcast-server.jar
2760 /usr/lib/jvm/java-8-sun/bin/java -Dsun.misc.URLClassPath.disableJarChecking=true
-Xms256m -Xmx256m -Djava.security.egd=file:/dev/./urandom -jar /usr/local/cliqr/apps/hazelcast-server.jar
```

```
Nov 10 16:54:37 ip-172-31-78-238.ec2.internal systemd[1]: Started Hazelcast Server.
Nov 10 16:54:37 ip-172-31-78-238.ec2.internal systemd[1]: Starting Hazelcast Server...
Nov 10 16:54:39 ip-172-31-78-238.ec2.internal sh[2731]: 16:54:39.116 [main] INFO
com.cisco.cloudcenter.hazelcast.HazelcastServer - Starting Hazelcast Server..
Nov 10 16:54:43 ip-172-31-78-238.ec2.internal sh[2731]: _ _ _
_ _ _ _ _
Nov 10 16:54:43 ip-172-31-78-238.ec2.internal sh[2731]: | | | | | | | | | |
| / | | | | | | | | | |
Nov 10 16:54:43 ip-172-31-78-238.ec2.internal sh[2731]: | | | | | | | | | |
| | | | | | | | | |
Nov 10 16:54:43 ip-172-31-78-238.ec2.internal sh[2731]: | _ _ | / _ ` | _ / _ \ | / _ / _ ` / _ |
_ | \ _ \ / _ \ ' _ \ \ / / | / _ / _ \
Nov 10 16:54:43 ip-172-31-78-238.ec2.internal sh[2731]: | | | | ( _ | / / _ / | ( _ | ( _ \ _ \
| _ _ _ ) | _ / | \ v / | | ( _ | _ /
Nov 10 16:54:43 ip-172-31-78-238.ec2.internal sh[2731]: | _ |
| _ | \ _ , / _ \ _ | _ | \ _ \ _ , | _ / \ _ | | _ _ / \ _ | _ | \ / | _ | \ _ \ _ |
Nov 10 16:54:43 ip-172-31-78-238.ec2.internal sh[2731]: CliQr Hazelcast Server : (v4.8.2-
SNAPSHOT), Powered by Spring Boot : 1.5.8.RELEASE
[root@ip-172-31-78-238 sysconfig]#
```

```
-----
[root@ip-172-31-78-238 sysconfig]# ps -ef | grep hazelcast
cliqrus+ 2731 1 0 16:54 ? 00:00:00 /bin/sh -c .
/etc/profile.d/jdk.sh;/usr/local/cliqr/apps/hazelcast-server.jar
cliqrus+ 2735 2731 0 16:54 ? 00:00:00 /bin/bash /usr/local/cliqr/apps/hazelcast-
server.jar
cliqrus+ 2760 2735 6 16:54 ? 00:00:14 /usr/lib/jvm/java-8-sun/bin/java -
Dsun.misc.URLClassPath.disableJarChecking=true -Xms256m -Xmx256m -
Djava.security.egd=file:/dev/./urandom -jar /usr/local/cliqr/apps/hazelcast-server.jar
root 3024 1854 0 16:58 pts/0 00:00:00 grep --color=auto hazelcast
[root@ip-172-31-78-238 sysconfig]#
```

## CCM؟ في نيوكتلا مداخ لي غشت اداع ة فيك

```
[root@ip-172-31-78-238 sysconfig]# systemctl restart config-server
[root@ip-172-31-78-238 sysconfig]#
```

```
-----
[root@ip-172-31-78-238 sysconfig]# ps -ef | grep config-server
cliqrus+ 3096 1 0 17:00 ? 00:00:00 /bin/sh -c .
/etc/profile.d/jdk.sh;/usr/local/cliqr/apps/config-server.jar
cliqrus+ 3100 3096 0 17:00 ? 00:00:00 /bin/bash /usr/local/cliqr/apps/config-
server.jar
cliqrus+ 3177 3100 48 17:00 ? 00:00:16 /usr/lib/jvm/java-8-sun/bin/java -
Dsun.misc.URLClassPath.disableJarChecking=true -Xmx256m -jar /usr/local/cliqr/apps/config-
server.jar
root 3300 1854 0 17:00 pts/0 00:00:00 grep --color=auto config-server
[root@ip-172-31-78-238 sysconfig]#
```

```
[root@ip-172-31-78-238 sysconfig]# systemctl status config-server
config-server.service - Config Server
```

```

Loaded: loaded (/etc/systemd/system/config-server.service; enabled; vendor preset: disabled)
Active: active (running) since Fri 2017-11-10 17:00:14 UTC; 1min 12s ago
Main PID: 3096 (sh)
CGroup: /system.slice/config-server.service
        3096 /bin/sh -c . /etc/profile.d/jdk.sh;/usr/local/cliqr/apps/config-server.jar
        3100 /bin/bash /usr/local/cliqr/apps/config-server.jar
        3177 /usr/lib/jvm/java-8-sun/bin/java -Dsun.misc.URLClassPath.disableJarChecking=true
-Xmx256m -jar /usr/local/cliqr/apps/config-server.jar

Nov 10 17:00:14 ip-172-31-78-238.ec2.internal systemd[1]: Starting Config Server...
Nov 10 17:00:34 ip-172-31-78-238.ec2.internal sh[3096]: _____
_
Nov 10 17:00:34 ip-172-31-78-238.ec2.internal sh[3096]: / ____|          /
_(_)          | | ( )          / ____|
Nov 10 17:00:34 ip-172-31-78-238.ec2.internal sh[3096]: | |      ___ _ _ | | _ _ _ _ _
__ _ _ | | _ _ _ _ _ | (___ _ _ _ _ _ _ _ _
Nov 10 17:00:34 ip-172-31-78-238.ec2.internal sh[3096]: | |      / _ \ | ' _ \ | | / _ ` | | | |
' _ / _ ` | | | / _ \ | ' _ \ \___ \ / _ \ ' _ \ \ / / _ \ ' _ |
Nov 10 17:00:34 ip-172-31-78-238.ec2.internal sh[3096]: | |____| ( ) | | | | | | ( | | | | |
| ( | | | | ( ) | | | | ____ ) | __/ | \ v / __/ |
Nov 10 17:00:34 ip-172-31-78-238.ec2.internal sh[3096]: \____\___/|_| |_| | | \___, | \___, |_| |
\___, |_| \___, |_| \___, |_| | | |____/ \___, |_| \___, |_| |
Nov 10 17:00:34 ip-172-31-78-238.ec2.internal sh[3096]: __/ |
Nov 10 17:00:34 ip-172-31-78-238.ec2.internal sh[3096]: |____/
Nov 10 17:00:34 ip-172-31-78-238.ec2.internal sh[3096]: CliQr Configuration Server : (v4.8.2-
SNAPSHOT) , Powered by Spring Boot : 1.5.8.RELEASE
[root@ip-172-31-78-238 sysconfig]#

```

## CCM? في تامالعال مداخ لي غشت اداع نكمي فيك

```

[root@ip-172-31-78-238 sysconfig]# systemctl restart notification
[root@ip-172-31-78-238 sysconfig]#

-----
[root@ip-172-31-78-238 sysconfig]# ps -ef | grep notification
cliqrus+ 3572      1  0 17:02 ?          00:00:00 /bin/sh -c .
/etc/profile.d/jdk.sh;/usr/local/cliqr/apps/notification-server.jar
cliqrus+ 3574    3572  0 17:02 ?          00:00:00 /bin/bash /usr/local/cliqr/apps/notification-
server.jar
cliqrus+ 3587    3574  68 17:02 ?          00:00:31 /usr/lib/jvm/java-8-sun/bin/java -
Dsun.misc.URLClassPath.disableJarChecking=true -Xms256m -Xmx256m -
Djava.security.egd=file:/dev/./urandom -jar /usr/local/cliqr/apps/notification-server.jar
root      3704    1854  0 17:03 pts/0    00:00:00 grep --color=auto notification
[root@ip-172-31-78-238 sysconfig]#

-----

[root@ip-172-31-78-238 sysconfig]#
[root@ip-172-31-78-238 sysconfig]# systemctl status notification
notification.service - Notification Server
Loaded: loaded (/etc/systemd/system/notification.service; enabled; vendor preset: disabled)
Active: active (running) since Fri 2017-11-10 17:02:57 UTC; 1min 16s ago
Main PID: 3572 (sh)
CGroup: /system.slice/notification.service
        3572 /bin/sh -c . /etc/profile.d/jdk.sh;/usr/local/cliqr/apps/notification-server.jar
        3574 /bin/bash /usr/local/cliqr/apps/notification-server.jar
        3587 /usr/lib/jvm/java-8-sun/bin/java -Dsun.misc.URLClassPath.disableJarChecking=true
-Xms256m -Xmx256m -Djava.security.egd=file:/dev/./urandom -jar
/usr/local/cliqr/apps/notification-server.jar

Nov 10 17:02:57 ip-172-31-78-238.ec2.internal systemd[1]: Started Notification Server.
Nov 10 17:02:57 ip-172-31-78-238.ec2.internal systemd[1]: Starting Notification Server...

```

```
Nov 10 17:03:04 ip-172-31-78-238.ec2.internal sh[3572]: _ _ _ _ _
Nov 10 17:03:04 ip-172-31-78-238.ec2.internal sh[3572]: | \ | | | | ( ) / _ ( ) | |
( ) / ____|
Nov 10 17:03:04 ip-172-31-78-238.ec2.internal sh[3572]: | \ | | _ _ | | _ _ | _ _ _ _ | | _
_ _ _ _ _ | ( _ _ _ _ _ _ _ _ _ _
Nov 10 17:03:04 ip-172-31-78-238.ec2.internal sh[3572]: | . ` | / _ \ | _ | | _ | / _ / _ ` | _ |
| / _ \ | ' _ \ \ _ \ / _ \ ' _ \ \ / / _ \ ' _ |
Nov 10 17:03:04 ip-172-31-78-238.ec2.internal sh[3572]: | | \ | ( ) | | _ | | | | ( _ ( _ | | _ |
| ( _ ) | | | | _ _ ) | _ / | \ v / _ / |
Nov 10 17:03:04 ip-172-31-78-238.ec2.internal sh[3572]: | _ | \ _ | \ _ / \ _ | _ | _ |
| _ | \ _ \ _ , _ | \ _ | _ | \ _ / | _ | | _ _ / \ _ | _ | \ / \ _ | _ |
Nov 10 17:03:04 ip-172-31-78-238.ec2.internal sh[3572]: osmosix-notification : (v4.8.2-
SNAPSHOT), Powered by Spring Boot : 1.5.8.RELEASE
[root@ip-172-31-78-238 sysconfig]#
```

## CCM؟ في cliqr-admin ةمدخ لي غشت ةداع! متت فيك

```
[root@ip-172-31-78-238 sysconfig]# systemctl restart cliqr-admin
[root@ip-172-31-78-238 sysconfig]#
```

```
[root@ip-172-31-78-238 sysconfig]# ps -ef | grep cliqr-admin
cliqrus+ 3736 1 0 17:05 ? 00:00:00 /bin/sh -c .
/etc/profile.d/jdk.sh;/usr/local/cliqr/apps/cliqr-admin.jar
cliqrus+ 3737 3736 0 17:05 ? 00:00:00 /bin/bash /usr/local/cliqr/apps/cliqr-admin.jar
cliqrus+ 3750 3737 69 17:05 ? 00:00:22 /usr/lib/jvm/java-8-sun/bin/java -
Dsun.misc.URLClassPath.disableJarChecking=true -Xms256m -Xmx256m -
Djava.security.egd=file:/dev/./urandom -jar /usr/local/cliqr/apps/cliqr-admin.jar
root 3779 1854 0 17:05 pts/0 00:00:00 grep --color=auto cliqr-admin
[root@ip-172-31-78-238 sysconfig]#
```

```
[root@ip-172-31-78-238 sysconfig]# systemctl status cliqr-admin
cliqr-admin.service - Cliqr Admin
Loaded: loaded (/etc/systemd/system/cliqr-admin.service; enabled; vendor preset: disabled)
Active: active (running) since Fri 2017-11-10 17:05:28 UTC; 1min 2s ago
Main PID: 3736 (sh)
CGroup: /system.slice/cliqr-admin.service
3736 /bin/sh -c . /etc/profile.d/jdk.sh;/usr/local/cliqr/apps/cliqr-admin.jar
3737 /bin/bash /usr/local/cliqr/apps/cliqr-admin.jar
3750 /usr/lib/jvm/java-8-sun/bin/java -Dsun.misc.URLClassPath.disableJarChecking=true
-Xms256m -Xmx256m -Djava.security.egd=file:/dev/./urandom -jar /usr/local/cliqr/apps/cliqr-
admin.jar
```

```
Nov 10 17:05:28 ip-172-31-78-238.ec2.internal systemd[1]: Started Cliqr Admin.
Nov 10 17:05:28 ip-172-31-78-238.ec2.internal systemd[1]: Starting Cliqr Admin...
Nov 10 17:05:31 ip-172-31-78-238.ec2.internal sh[3736]: i _ _ _ _ _
Nov 10 17:05:31 ip-172-31-78-238.ec2.internal sh[3736]: / ____| | | | |
| | | | | \ | | | | ( )
Nov 10 17:05:31 ip-172-31-78-238.ec2.internal sh[3736]: | | | | | _ _ _ _ _ | | _ _ _ _ _
_ _ | | _ _ _ _ _ / \ _ _ | | _ _ _ _ _
Nov 10 17:05:31 ip-172-31-78-238.ec2.internal sh[3736]: | | | | | / _ \ | | | | / _ ` | / _ / _ \ '
\ | _ / _ \ ' _ | / \ \ / _ ` | ' _ ` _ \ | | ' _ \
Nov 10 17:05:31 ip-172-31-78-238.ec2.internal sh[3736]: | | _ _ | | ( ) | | _ | | ( _ | ( _ _ / |
| | | | _ / | | / _ _ \ ( _ | | | | | | | | | |
Nov 10 17:05:31 ip-172-31-78-238.ec2.internal sh[3736]: \ _ _ | _ | \ _ / \ _ , _ | \ _ , _ | \ _ \ _ | _ |
| _ | \ _ \ _ | _ | / / \ _ \ , _ | _ | | _ | _ | _ |
Nov 10 17:05:31 ip-172-31-78-238.ec2.internal sh[3736]: Powered by Spring Boot : 1.5.8.RELEASE
```

```
[root@ip-172-31-78-238 sysconfig]#
```

## أجلجس تا فلم دجوت نيأ CloudCenter؟

في تا لجلس لادجوت، اي لاج 4.8.2 رادصلال في CloudCenter ري دمل لجلس لادجوت في ريغت ثدح

`/usr/local/cliqr/log directory`

config-server.log و mgmtserver.log و notification-server.log و cliqr-admin.log و hazelcast-server.log فلم لادجوت نيأ

```
[root@ip-172-31-78-238 logs]# ls -l
total 109472
-rw-r--r--. 1 cliqruser cliqruser 250936 Nov 10 17:01 capacity-manager.log
-rw-r--r--. 1 cliqruser cliqruser 161563 Nov 10 17:05 cliqr-admin.log
-rw-r--r--. 1 cliqruser cliqruser 124466 Nov 10 17:05 config-server.log
-rw-r--r--. 1 cliqruser cliqruser 92667 Nov 10 17:03 hazelcast-server.log
-rw-r--r--. 1 cliqruser cliqruser 10485969 Nov 10 16:55 mgmtserver-1.log
-rw-r--r--. 1 cliqruser cliqruser 10705871 Nov 10 16:57 mgmtserver-2.log
-rw-r--r--. 1 cliqruser cliqruser 10485969 Nov 10 16:57 mgmtserver-3.log
-rw-r--r--. 1 cliqruser cliqruser 10485802 Nov 10 16:57 mgmtserver-4.log
-rw-r--r--. 1 cliqruser cliqruser 10485988 Nov 10 16:58 mgmtserver-5.log
-rw-r--r--. 1 cliqruser cliqruser 10485953 Nov 10 17:01 mgmtserver-6.log
-rw-r--r--. 1 cliqruser cliqruser 10485791 Nov 10 17:01 mgmtserver-7.log
-rw-r--r--. 1 cliqruser cliqruser 10485825 Nov 10 17:02 mgmtserver-8.log
-rw-r--r--. 1 cliqruser cliqruser 10485876 Nov 10 17:02 mgmtserver-9.log
-rw-r--r--. 1 cliqruser cliqruser 8147705 Nov 10 17:13 mgmtserver.log
-rw-r--r--. 1 cliqruser cliqruser 383964 Nov 10 17:09 notification-server.log
```

## أجلجس تا فلم دجوت نيأ CCM CloudCenter؟

`/usr/local/cliqr/bin` ليلد في نيوكت لادجوت نيأ

## أجلجس تا فلم دجوت نيأ CCM CloudCenter؟

ليلد في هعضو متيس يذل mgmtserver.conf فلم في تادادع لادجوت نيأ /etc/sysconfig.

## أجلجس تا فلم دجوت نيأ CCM في ELK لوخد لادجوت نيأ؟

filebeat فلم مساب ليلد /etc/sysconfig/ نمض ELK logStack نيوكت فلم دجوت نيأ

ق: 4.8.2 / 4.8.2.x

ةمچرتل هذه ل و ح

ةلأل تاي نقتل ن م ة و مچ م ادخت ساب دن تسم ل ا ذه Cisco ت مچرت  
م ل ا ل ا ا ن ا ع مچ ي ف ن ي م دخت س م ل ل م عد ي و ت ح م م ي دقت 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 ة ا د ع و ج ر ل ا ب ي ص و ت و ت ا مچرت ل ا هذه 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