

ةكرشل عباتلا ريغ زاہجلا ءاطخأ فاشكتسا اھالصالو 11 PCA يف ءحصول Cisco

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ءمدقمل

ءانثأ نوزحملل Prime (PCA) ل نواعتل نامضل لكاشم حالصا ءيفي ك دننتمسمل اذھ حصولي (PLM) ءيساسال صيخرتلا ريومو Cisco Unified Communications Manager (CUCM) ءفاضل ءل ءل و CUCM قيبطت هنا شيحو Cisco سئل هنا لعل زاہجل نوزحمل رهظي.

Cisco ن TAC يس دنهم، ينالو غنيس ايردن او روسيم لاكم لبق نم ءمھاسمل تمت

ءيساسال تابلطتم

تابلطتم

دننتمسمل اذھل ءصاخ تابلطتم ءجوت ال

ءمدختسمل تانوكمل

لعل دننتمسمل اذھ قبطني:

- ءرادمل ءمدخلل ءوزم ءضو PCA 11.x ل (MSP)
- فاضتسمل نواعتل طيسو ءيفنت HCM-F) 10.6.x
- Cisco Unified Communications Manager (CUCM) 11.5.x
- لقتسم PLM 11.5.x زاہج

ءصاخ ءيلمعم ءئيبي ف ءءوومل ءزهجال نم دننتمسمل اذھ في ءءراول تامولعمل ءاشنل م تناك اذل. (يضارتفا) حوسمم نيوكتب دننتمسمل اذھ في ءمدختسمل ءزهجال ءيمج ءءب رمأ لملحمل ريئاتلل كمھف نم ءكأف، ءرشابم كءكبش

ءلكشمل

ال امءنع زاہجل ضرع في و نوزحمل ءحفص في Cisco ريغ هنا لعل CUCM زاہج ضرع مئي SNMP تامالءتسا ل اءانءسا زاہجل ءون ءيءء PCA نكمي

PCA درج ضرورع

cucm-alfa.alfa.com

NonCisco

RTAC

ciscoUCVirt...

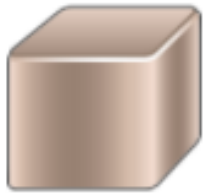
10.48.55.29



10.48.55.29

360: زاھجلا ضرورع ةقيرط ىلع ءيشلا سفن مي دقت متي

Device 360° View



CUCM-ALFA

10.48.55.29 / 00:50:56:9e:01:9e

NONCISCO

Not Configured / NAT Disabled

94 days, 8 hours, 52 minutes

[View Details](#)

Private IP Address **10.48.55.29**

Model **ciscoUCVirtualMachine**

Customer **RTAC**

AccessLevelDiscovery لجس حضوي

```
12-Sep-2017|15:25:43.003|DEBUG|AccessLevelDiscovery|pool-4-thread-4|work() : Starting Access
Level Discovery for device 10.48.55.29
12-Sep-2017|15:25:43.003|DEBUG|AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.inv.AbstractDiscoveryStage|updateStatusReason|41| Later Error Index for
device 10.48.55.29 is 1022 Old Message
12-Sep-2017|15:25:43.003|DEBUG|AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.inv.AbstractDiscoveryStage|updateStatusReason|94| Error Index for device
10.48.55.29 is 1022 New Message Discovery in progress.
12-Sep-2017|15:25:43.003|DEBUG|AccessLevelDiscovery|pool-4-thread-4|probeAccessLevel() : Started
for device 10.48.55.29
12-Sep-2017|15:25:43.003|DEBUG|AccessLevelDiscovery|pool-4-thread-4|probeAccessLevel() :
Matching credentials for 10.48.55.29
12-Sep-2017|15:25:43.003|ERROR|AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.inv.access.core.DeviceAccessLevelDiscovery$MyWorkItem|getFinalDeviceCredenti
alsList|709| Ignoring the DEFAULT profile as the snmp community string is not provided.
12-Sep-2017|15:25:43.005|DEBUG|AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.inv.access.core.DeviceAccessLevelDiscovery$MyWorkItem|getFinalDeviceCredenti
alsList|760| probeAccessLevel() : CmDevice Credentials List size : 0
12-Sep-2017|15:25:43.006|DEBUG|AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.inv.access.core.DeviceAccessLevelDiscovery$MyWorkItem|probeAccessLevel|231|
Before classificationOfDeviceType, device credential id is 6429244
12-Sep-2017|15:25:43.007|DEBUG|AccessLevelDiscovery|pool-4-thread-4|probeAccessLevel() :
isDeviceTypeRediscoveryEnabled flag has set to true or mode is MSP - 10.48.55.29 device type
is re-initialize to Unknown.
12-Sep-2017|15:25:43.007|DEBUG|AccessLevelDiscovery|pool-4-thread-4|probeAccessLevel() : *****
CmDevice Type Classification - STARTS [ 10.48.55.29 ]*****
12-Sep-2017|15:25:43.007|DEBUG|AccessLevelDiscovery|pool-4-thread-4|probeAccessLevel() :
DeviceType is null/Other/Unknown for device 10.48.55.29
12-Sep-2017|15:25:43.007|DEBUG|AccessLevelDiscovery|pool-4-thread-4|probeAccessLevel() : Running
device type classification for device 10.48.55.29
12-Sep-2017|15:25:43.007|DEBUG|AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.inv.access.core.DeviceTypeGeneratorManager|getDeviceType|167|
getDeviceType() : For device 10.48.55.29 - Find the device Type
12-Sep-2017|15:25:43.007|DEBUG|AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.inv.access.core.DeviceTypeGeneratorManager|getDeviceType|169|
```

```
getDeviceType() : For device 10.48.55.29; DC PROFILE NAME : 10.48.55.29
12-Sep-2017|15:25:43.007|INFO |AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.inv.access.core.DeviceTypeGeneratorManager|getDeviceType|217| DC Id: 6429244
12-Sep-2017|15:25:43.008|INFO |AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.access.DeviceUtil|getSysOID|759| DeviceUtil.getSysOID:Before invoking PAL
for SysOID10.48.55.29
12-Sep-2017|15:25:43.077|INFO |AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.access.DeviceUtil|getSysOID|766| DeviceUtil.getSysOID:After involking PAL:
sysOID =1.3.6.1.4.1.9.1.1348 Ip Address 10.48.55.29
12-Sep-2017|15:25:43.107|DEBUG|AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.inv.access.core.DeviceTypeGeneratorManager|getDeviceType|240|
getDeviceType(): SysOID and SysDescr are fetched from device 10.48.55.29
12-Sep-2017|15:25:43.107|DEBUG|AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.inv.access.core.DeviceTypeGeneratorManager|getDeviceType|241|
getDeviceType(): SysOID : 1.3.6.1.4.1.9.1.1348
12-Sep-2017|15:25:43.107|DEBUG|AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.inv.access.core.DeviceTypeGeneratorManager|getDeviceType|242|
getDeviceType(): SysDescr : Linux release:2.6.32-431.20.3.el6.x86_64 machine:x86_64
12-Sep-2017|15:25:43.108|DEBUG|AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.inv.access.core.DeviceTypeGeneratorManager|getDeviceType|268| Device type of
profile is null
12-Sep-2017|15:25:43.108|INFO |AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.inv.access.core.impl.DeviceSwitchType|getDeviceType|17| Checking is Switch
Type check for 10.48.55.29
12-Sep-2017|15:25:43.108|INFO |AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.inv.access.core.impl.DeviceRouterType|getDeviceType|17| Checking is Router
Type for 10.48.55.29
(...)
12-Sep-2017|15:25:44.548|DEBUG|AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.inv.access.core.impl.DeviceUC500SeriesType|getDeviceType|19|
DeviceUC500SeriesType:getDeviceType
12-Sep-2017|15:25:44.548|DEBUG|AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.inv.access.core.impl.DeviceUC500SeriesType|getDeviceType|26| DeviceGroup-
Call Control : DeviceName - Cisco CallManager
12-Sep-2017|15:25:44.637|ERROR|AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.inv.access.core.impl.DeviceESXType|checkifESX|65| Exception in
checkIfESXnull
12-Sep-2017|15:25:44.692|DEBUG|AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.inv.access.core.impl.DeviceCIMType|checkIfCIM|61| checkIfCIM ()
12-Sep-2017|15:25:45.390|INFO |AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.inv.access.core.impl.DeviceSOFTSWITCHType|getDeviceType|42| From
DeviceSOFTSWITCHType
12-Sep-2017|15:25:45.390|DEBUG|AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.inv.access.core.impl.DeviceSOFTSWITCHType|checkIfSoftSwitch|60|
checkIfSoftSwitch ()
12-Sep-2017|15:25:46.070|DEBUG|AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.inv.access.core.impl.DeviceSOFTSWITCHType|getDeviceType|51| Device
10.48.55.29 is not a SOFTSWITCH
12-Sep-2017|15:25:46.070|DEBUG|AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.inv.access.core.impl.DeviceNonCiscoType|getDeviceType|32|
DeviceNonCiscoType: device Type is Non Cisco
12-Sep-2017|15:25:46.139|DEBUG|AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.inv.access.core.DeviceTypeGeneratorManager|getDeviceType|175|
probeAccessLevel() : Found DeviceType NONCISCO for device 10.48.55.29
12-Sep-2017|15:25:46.139|DEBUG|AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.inv.access.core.DeviceAccessLevelDiscovery$MyWorkItem|classificationOfDevice
Type|339| probeAccessLevel() : ***** CmDevice Type Classification - ENDS *****
12-Sep-2017|15:25:46.140|DEBUG|AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.inv.access.core.DeviceAccessLevelDiscovery$MyWorkItem|probeAccessLevel|244|
After classificationOfDeviceType, device credential id is 6429244
12-Sep-2017|15:25:46.140|DEBUG|AccessLevelDiscovery|pool-4-thread-
4|com.cisco.nm.emms.inv.access.core.DeviceAccessLevelDiscovery$MyWorkItem|probeAccessLevel|251|
After resetting to original id, device credential id is 6429244
12-Sep-2017|15:25:46.140|DEBUG|AccessLevelDiscovery|pool-4-thread-4|probeAccessLevel() : DC
```

10.48.55.29 with type null NOT matched CmDevice 10.48.55.29 with type NONCISCO

لحل

ةدووملا تالاصتالا قيبطت يلعل لمعت SNMP ةمدختناك اذا ام ققحت.

SNMP نيتمدخت Cisco CUCM دل: ةظالم

```
SNMP Master Agent[STARTED]
(...)
Cisco CallManager SNMP Service[STOPPED] Service Not Activated
```

Cisco MIB SNMP تامالعتسا يلعل درلا نع ةلوؤسم Cisco CallManager SNMP ةمدختنوكتة ددحمالا

ةلطم SNMP ةمدختنوكت نأ حرتقو، PCA 11.6 يف لفلابل فسأل SNMP ةمدختالصالمت

```
11-Sep-2017|12:56:52.752|DEBUG|AccessLevelDiscovery|pool-6-thread-
10|com.cisco.nm.emms.inv.AbstractDiscoveryStage|updateStatusReason|109| Error Index for device
10.48.50.59 is 1003 New Message SNMP timed out. Probable reasons could be: 1. SNMP service not
enabled in the device. 2. SNMP credentials do not match. 3. Firewall settings blocking the port.
Refer the Install and Upgrade guide for the exact ports to be unblocked.
```

ةلكشمالا

نوزخمالا ةحفص يف Cisco ريغ هنا يلعل PLM زاه ضرع متي

لحل

1. اتقؤم زاهال فاقيا ب مق م نوزخمالا ةحفص يف PLM مداخ ددح.
2. PCA نوزخم نم زاهال فذحا.
3. رماوأل رطس ةهجاو ربع PLM يف اهتفاضل تمت عمتم ةلسلس يف فذحا (CLI):
uTILS snmp config 1/2c عمتم ةلسلس فذح

4. ماطنل يساسأل ماطنللا قيسنت مادختساب PCA يف رخأ ةرم زاهال ةفاضل ب مق يف حضورم وه امك (s) HTTP ل PCA زاه دامتعا تانايب ل قح يف (OS PLM CLI) ل يغشتال ةروصلال.

Add Device



*IP Address

Note: For multiple IP Addresses, use a unique delimiter: comma, pipe or blank space.
Example: 10.39.65.1|10.33.68.99

▶ General SNMP Options

▼ CLI

CLI Login Username

CLI Login Password

Re-enter CLI Login Password

CLI Enable Password

Re-enter CLI Enable Password

▼ HTTP(s)

HTTP(s) Username

HTTP(s) Password

Re-enter HTTP(s) Password

*Note: Please enter the domain name along with username for IICCF devices (ex

Discover

Close

ةمچرتل هذه لوج

ةللأل تاي نقتل نمة ومة مادختساب دن تسمل اذة Cisco تمةرت
ملاعلاء انء مء مء نء مء دختسمل معد و تمة مء دقتل ةر شبل او
امك ةق قء نوك ت نل ةللأل ةمچرت لصف أن ةظحال مء ءء. ةصاأل مء تءل ب
Cisco ةللخت. فرتمة مچرت مء مء دق ةل ةل ةل ةل ةل ةل ةل ةل ةل ةل ةل
ىل ةل
(رفوتم طبارل) ةل ةل ةل ةل ةل ةل ةل ةل ةل ةل ةل ةل ةل ةل ةل ةل