

CUCM و VCS نيب ةقطنملا تاداع| نيوكت

تايوتحملا

[ةمدقملا](#)

[ةيساسألا تابلطتملا](#)

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[ةمدختسملا تانوكملا](#)

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[اهجالص او ءاطخألا فاشكتسا](#)

ةمدقملا

Video Communication Server (VCS) ىلع ةقطنملا تاداع| نيوكت ءارج| دنتسملا اذه فصى رخآ VCS وأ Cisco Unified Communications Manager (CUCM) ب لاصتال.

ةيساسألا تابلطتملا

تابلطتملا

ةيلاتلا عيضاوملاب ةفرعم كي دل نوكت نأب Cisco ي صوت:

- VCS
- CUCM

ةمدختسملا تانوكملا

VCS ىلع ةقيثو اذه يف ةمولعمللا تسسأ.

ةصاخ ةيلمعم ةئيب يف ةدوجوملا ةزهجال نم دنتسملا اذه يف ةدراوللا تامولعمللا ءاشنإ مت تناك اذإ. (يضا رتفا) حوسمم نيوكتب دنتسملا اذه يف ةمدختسملا ةزهجاللا عيمج تادب رما يال لم تحملا ريثاتلل كمهف نم دكأتف، ليغشتلا ديقتك تكبش.

نيوكتلا

ت. او طخل هذه عبتا، ةقطنملا تاداع| نيوكتلا.

ةطنش لكش و VCS ىل لوخدلا ل جس. 1. ةوطخل.

ةروصللا يف حضوم وه امك قطنملا > قطنملا > نيوكتلا ىل لقتنا. 2. ةوطخل.

tsbu-blr-vcsx1 - Overview - Mozilla Firefox

https://10.78.23.19/overview

CISCO Cisco TelePresence Video Communication Server Expressway

This system has 2 alarms

Status System Configuration Applications Users Maintenance

Overview

System information

System name

Up time

Software version

IPv4 address

IPv6 address

Options

Resource usage (last u

Traversal calls

Non-traversal calls

Protocols

Registration

Authentication

Call routing

Local Zone

Zones

Domains

Unified Communications

Dial plan

Bandwidth

Traversal

Call Policy

Since last restart video

Since last restart audio (SIP)

License usage current

License usage peak

Current

Peak

Since last restart

License usage current

License usage peak

1

0

13

2

5044

62

5%

21%

4

16

29017

N/A

N/A

Registrations, 70 TURN Relays, Traversal Server, Encryption, Interworking, Advanced Networking.

tsbu-blr-vcsx1 -write System host name: tsbu-blr-vcsx1 System time: 15:59 IST

Language: en_US S/N: 52A15031 Version: X8.1.1

ديج دي دحت 3. ةوطخل

tsbu-blr-vcsx1 - Zones - Mozilla Firefox

https://10.78.23.19/zones

CISCO Cisco TelePresence Video Communication Server Expressway

This system has 2 alarms

Status System Configuration Applications Users Maintenance

Zones

You are here: Configuration > Zones > Zones

Name	Type	Calls	Bandwidth used	H323 status	SIP status	Search rule status	Actions
DefaultZone	Default zone	1	6000 kbps	On	On		View/Edit
<input type="checkbox"/> CUCM_Neighbor_OSLO	Neighbor	0	0 kbps	Off	Failed	No search rules configured	View/Edit
<input type="checkbox"/> CUCM_Banglore_1	Neighbor	0	0 kbps	Off	Active	No search rules configured	View/Edit
<input type="checkbox"/> CUCM_Neighbor_BLR	Neighbor	0	0 kbps	Off	Active	Enabled search rules: 1	View/Edit
<input type="checkbox"/> CUCM_Neighbor_BLR_PUB2	Neighbor	0	0 kbps	Off	Active	No search rules configured	View/Edit
<input type="checkbox"/> CUCM_Neighbour_BLR_PUB2_R	Neighbor	0	0 kbps	Off	Active	Disabled search rules: 1	View/Edit
<input type="checkbox"/> cucmharshan	Neighbor	0	0 kbps	Off	Active	Enabled search rules: 1	View/Edit
<input type="checkbox"/> Multiway-SIP	Neighbor	0	0 kbps	Off	Active	Enabled search rules: 1	View/Edit

New Delete Select all Unselect all

User: admin Access: Read-write System host name: tsbu-blr-vcsx1 System time: 16:00 IST

Language: en_US S/N: 52A15031 Version: X8.1.1

كذل اق فولوقحل هذه ريغت 4. ةوطخل

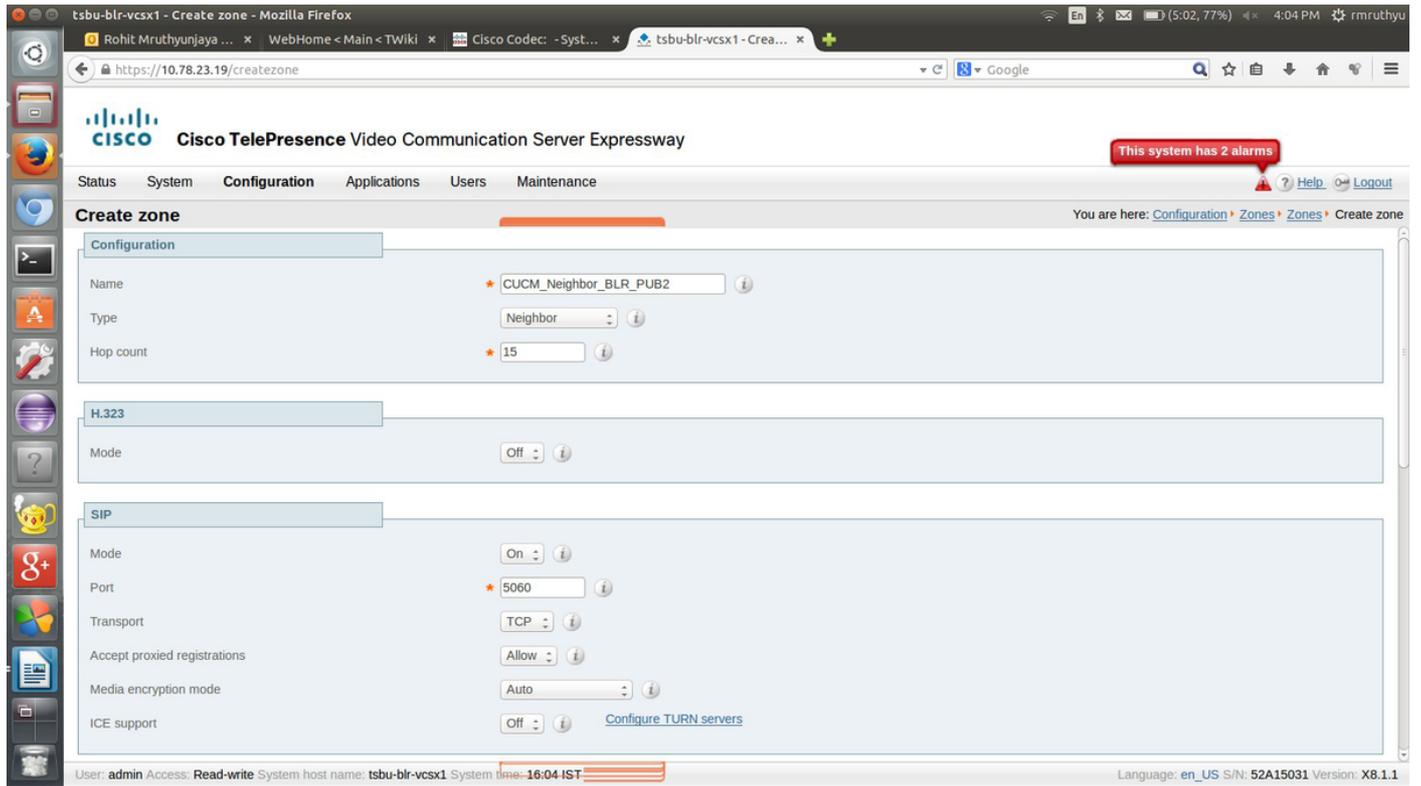
{ةقطنم ل م س ا} : م س ا ل

راجل : عون ل

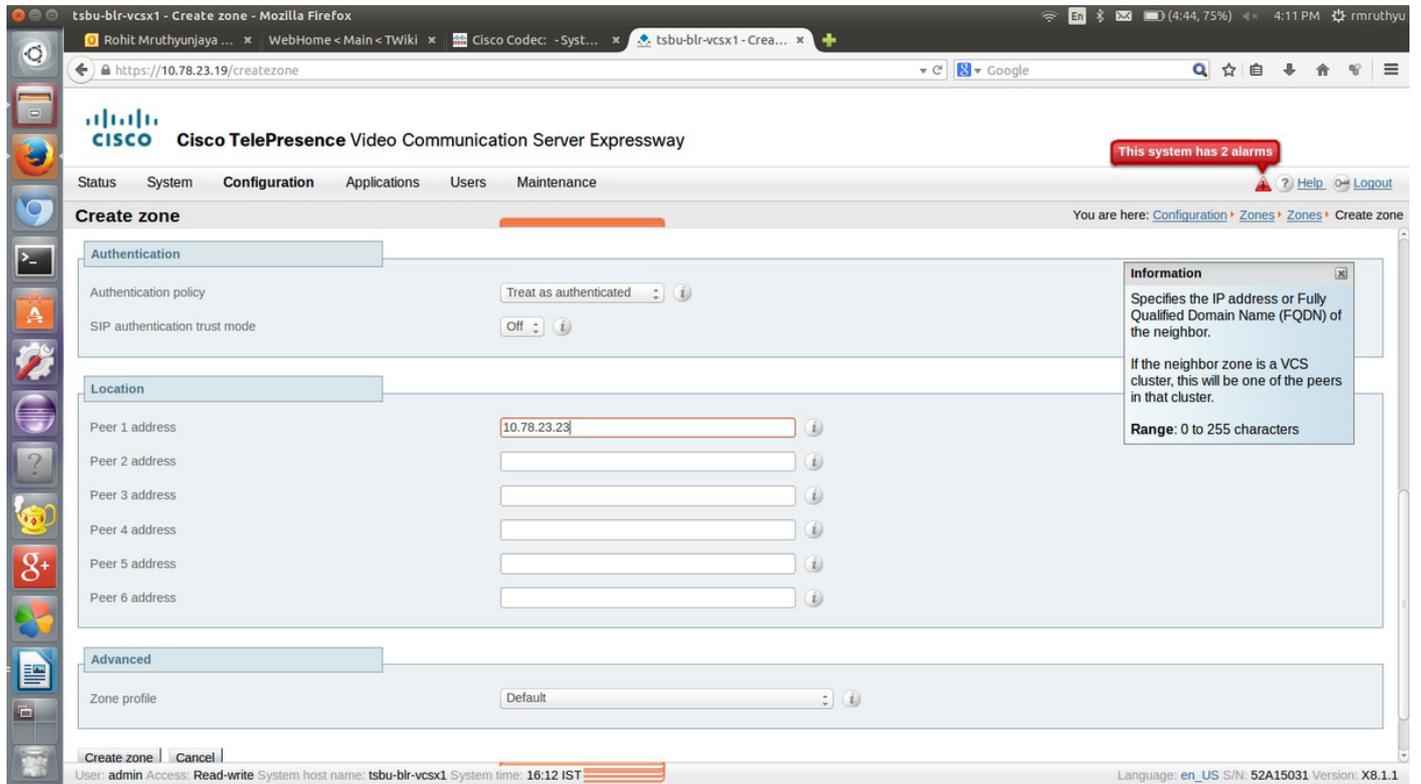
فاق ي : H.323 عضو

ةهول ا ي ف هتروفي ذل ا ذفنم ل ا م ق ر ل ا م م) SIP: 5060 ذفنم (CUCM/VCS

CUCM لبق نم اموعدم ريفش تالناك اذا TLS) و UDP و TCP SIP لقن



دح م. اهب عطنش ليكش تديرت يتال ل هجولا ناو نع عقوم ريفوت و قوصمك لماعتل قداصملا ةسايس نييعتب مقو ةنايص دح 5. ةوطخل ا قطنم ءاشنا.



ثحبلا دعاوق > بلطالا ةطخ > نيوك تالناك لقتنا 6. ةوطخل

tsbu-blr-vcsx1 - Overview - Mozilla Firefox

https://10.78.23.19/overview

CISCO Cisco TelePresence Video Communication Server Expressway

This system has 2 alarms

Status System Configuration Applications Users Maintenance

Overview

- Protocols
- Registration
- Authentication
- Call routing
- Local Zone
- Zones
- Domains
- Unified Communications
- Dial plan
- Bandwidth
- Traversal
- Call Policy

- Configuration
- Transforms
- Search rules
- Policy services

System information

System name

Up time

Software version

IPv4 address

IPv6 address

Options

Resource usage (last u

Traversal calls

Non-traversal calls

Since last restart video 5044

Since last restart audio (SIP) 62

License usage current 3%

License usage peak 21%

Current 2

Peak 16

Since last restart 29026

License usage current N/A

License usage peak N/A

https://10.78.23.19/searchrules System host name: tsbu-blr-vcsx1 System time: 16:13 IST Language: en_US S/N: 52A15031 Version: X8.1.1

ديج ددح 7. ةوطخل

tsbu-blr-vcsx1 - Search rules - Mozilla Firefox

https://10.78.23.19/searchrules

CISCO Cisco TelePresence Video Communication Server Expressway

This system has 2 alarms

Status System Configuration Applications Users Maintenance

Search rules

You are here: Configuration > Dial plan > Search rules

Priority	Rule name	Protocol	Source	Authentication required	Mode	Pattern type	Pattern string	Pattern behavior	On match	Target	State
1	LocalZoneMatch	Any	Any	No	Any alias	Alias pattern match	(3ld{3})@10.78.23.19(*)	Replace	Continue	LocalZone	Enabled
1	Route VCS calls to CUCM Neighbour BLR PUB2 R	Any	Any	No	Alias pattern match	Alias pattern match	(3ld{3})@10.78.23.19(*)	Replace	Stop	CUCM_Neighbour_BLR_PUB2_R	Disabled
40	Route VCS call to CUCM(21)	SIP	Any	No	Alias pattern match	Alias pattern match	(3ld{3})@10.78.23.19(*)	Replace	Stop	(unconfigured)	Enabled
40	Route VCS Calls to CUCM_BLR	Any	Any	No	Alias pattern match	Alias pattern match	(3ld{3})@10.78.23.19(*)	Replace	Stop	CUCM_Neighbor_BLR	Enabled
40	CUCM to registered devices(VCS_BLR)	Any	Any	No	Alias pattern match	Alias pattern match	(.*)@10.78.23.19((: ;).*)?	Replace	Stop	LocalZone	Disabled
40	Route VCS call to CUCM(23)	Any	Any	No	Alias pattern match	Alias pattern match	(3ld{3})@10.78.23.19(*)	Replace	Stop	cucmharshan	Enabled
48	H323 Calls to MCU	Any	Any	No	Alias pattern match	Alias pattern match	(55577ld+)@indiaqalab.com	Replace	Continue	LocalZone	Enabled
48	SIP Calls to MCU	Any	Any	No	Alias pattern match	Alias pattern match	555(77ld+)@indiaqalab.com)	Replace	Continue	Multiway-SIP	Enabled

New Delete Enable Disable Select all Unselect all

Search rules are applied in priority order, with 1 being the highest priority

Related tasks

- Test whether a pattern match or transform has the expected result
- Perform a test search for an alias

User: admin Access: Read-write System host name: tsbu-blr-vcsx1 System time: 16:15 IST Language: en_US S/N: 52A15031 Version: X8.1.1

ءاهاهناال دنح طفح ددحو كذل اقفو لوقحلل هذه ميقي لاداب مق 8. ةوطخل

{name} :ءءاقلا مسا

{description} :فصولا

ءءءولال 2

راءءءءملا مساال ءءومن ءءءاظم ءءصولا

ءءومنللا ءءون Regex

{regex pattern} طمن قباطي يذال :طمنال ةلسلس

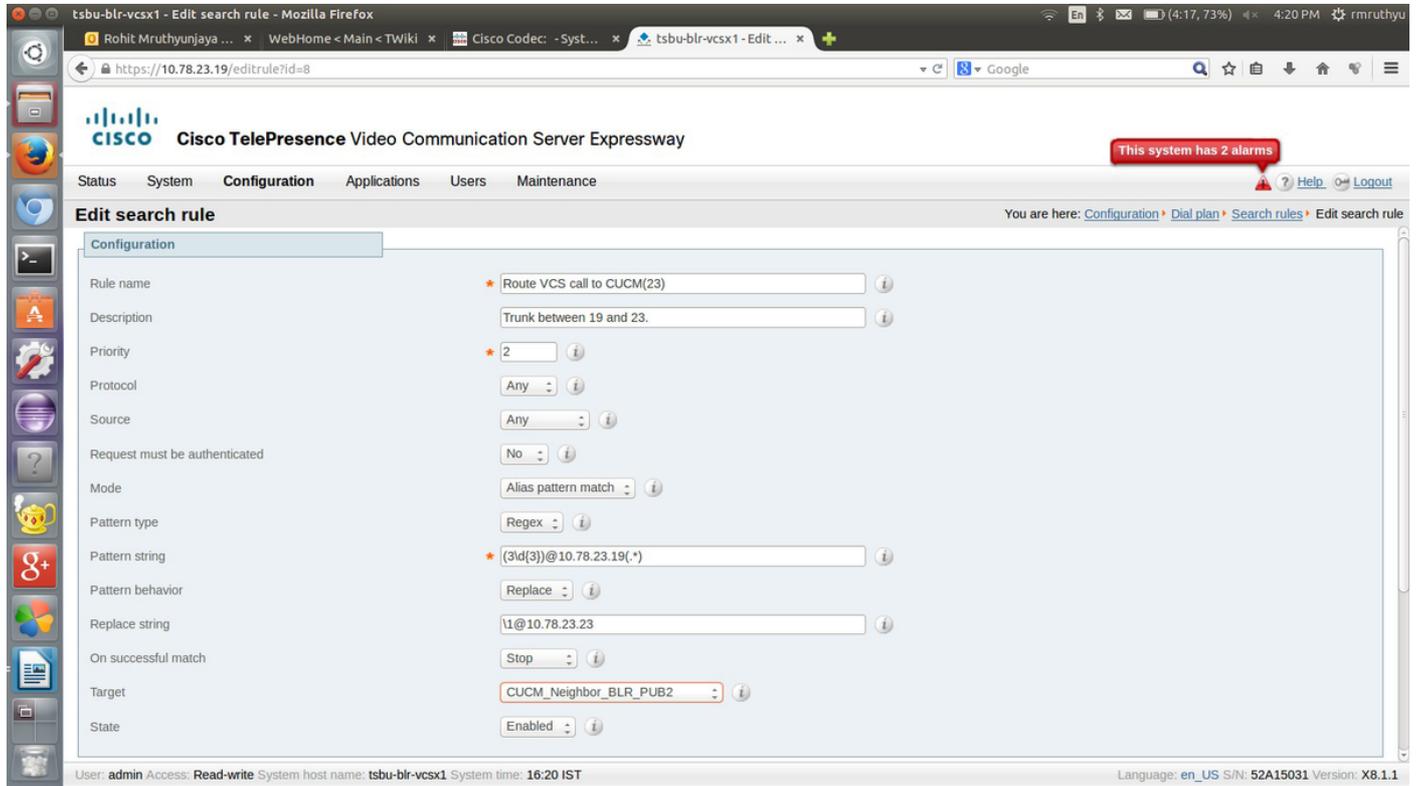
لادبتس: طمنال كولس

{ب طمنال لادبتس | بچي ةلسلس |} :ةلسلس لادبتس

فاقوي: حجنانل قباطال ةلح ي ف

{5 و 4 ةوطخلال ي ف ةئاشناب تمق يذال مقرلا ددح}: فدهال

نكمم: ةلحال



تاعد تنك عي طتسي CUCM/VCS ةياغ ىلا تلجس نوكي نأ ةياهنلا، ةطنشلا نم بناج نأ ل لئكشتلا متي نإ ام

ةحصلال نم ققحتلا

نيوكتلا اذه ةحص نم ققحتلل ءارجا آيلا ح دجوي ال

اهحالصاو ءاطخال فاشكتسا

نيوكتلا اذهل اهحالصاو ءاطخال فاشكتسال ةددم تامولعم آيلا ح رفوتت ال

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 ل ا ن ا ع مچ م ف ن م دخت س م ل م عد و ت م م م دقت ل ة يرش ب ل و
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 م ه ت غ ل ب
Cisco ي ل خ ت . ف ر ت م 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 م ل ا ح ل ا و ه
ل ا ل ا م ا د ا د ع و ج ر ل ا ب ي ص و ت و ت ا مچرت ل ا ه ذه 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