CUCM و CMS نيب نمآلا لاصتالا نيكمت

تايوتحملا

ةمدقملا

ريدمو Cisco نم (CMS) تاعامتجالا مداخ نيب لاصتالا نيكمت ةيفيك دنتسملا اذه حضوي ةدحوملا تالاصتالا (CUCM).

ةيساسألا تابلطتملا

تابلطتملا

:ةيلاتا عيضاوملاب ةفرعم كيدل نوكت نأب Cisco يصوت

- ثدحألا تارادصإلاو 3.8 رادصإلا CMS
- IM&P و CUCM •
- Jabber

ةمدختسملا تانوكملا

ةيلاتا ةيداملا تانوكملاو جماربلا تارادصإ ىلإ دنتسملا اذه يف ةدراولا تامولعملا دنتست:

- CMS، رادصإلا 3.8
- CUCM و IM&P 14 SU (3)

ةصاخ ةيلمعم ةئيب يف ةدوجوملا ةزهجألاا نم دنتسملا اذه يف ةدراولا تامولعملا ءاشنإ مت. تناك اذإ .(يضارتفا) حوسمم نيوكتب دنتسملا اذه يف ةمدختسُملا ةزهجألا عيمج تأدب رمأ يأل لمتحملا ريثأتلل كمهف نم دكأتف ،ليغشتلا ديق كتكبش.

ةيساسأ تامولعم

Jabber/Web دوجو ةكراشمل CUCM و CMS نيب نمآ لاصتا ءاشنإ ةيلمع دنتسملا اذه حضوي

App. يمدختسمل ثيدحتلا قلاح نيوكتل قيليصفتلا تاوطخلا حرشي وهو . مداخ نيوكت نكمي .CMS ىلع بيولا قيبطت تاعامتجإ ءانثأ امحالصإو امئاطخأ فاشكتساو عامتجإ يف مەكارتشا ءانثأ Jabber يمدختسمب قصاخلا دجاوتلا قلاح ثيدحتل تاعامتجالا Cisco Meeting Server Web App.

نيوكتلا

CUCM/IMP و CMS مداخ نيب نمآلا لاصتالا نيكمت

ىلإ لوخدلا ليجستب مق CUCM ىل حفصتو ،OS ةرادإ ةحفص يف CUCM ىل لوخدلا ليجستب مق Security > Certificate Management، قدامش ليزنتو

ahaha C	isco Unified Operating System Administra	ation						Navigation Cisco Unified OS Administration
CISCO F	or Cisco Unified Communications Solutions							cisco About
Show - Settin	egs • Security • Software Upgrades • Services • Help •							
Certificate Lis	st							
Generate S	Self-signed 🛛 🐴 Upload Certificate/Certificate chain 🔋 Generate CSR 🔋	Reuse C	ertificate					
CAPF-trust	High_Assurance_SUDI_CA_0a6475524cd8617c62	Trust	CA- signed	RSA	High_Assurance_SUDI_CA	Cisco_Root_CA_2099	08/10/2099	This certificate was used to sign the MIC installed on Cisco en Presence of this certificate allows the end point to communica securely with UCM using the MIC when associated with a secu
CAPF-trust	Cisco_Basic_Assurance_Root_CA_2099_01a6Saf15ee994ebe1	Trust	Self- signed	RSA	Cisco_Basic_Assurance_Root_CA_2099	Cisco_Basic_Assurance_Root_CA_2099	05/27/2099	This certificate was used to sign the MIC installed on Cisco en Presence of this certificate allows the end point to communica securely with UCM using the MIC when associated with a secu
CAPF-trust	CAPF-4c15e524	Trust	Self- signed	RSA	CAPF-4c15e524	CAPF-4c15e524	05/07/2028	
CAPF-trust	Cisco_Root_CA_M2_01	Trust	Self- signed	RSA	Cisco_Root_CA_M2	Cisco_Root_CA_M2	11/12/2037	This certificate was used to sign the MIC installed on Cisco en Presence of this certificate allows the end point to communica securely with UCM using the MIC when associated with a secu
CAPF-trust	Cisco_Root_CA_2099_019a335878ce16c1c1	Trust	Self- signed	RSA	Cisco_Root_CA_2099	Cisco_Root_CA_2099	08/10/2099	This certificate was used to sign the MIC installed on Cisco en Presence of this certificate allows the end point to communica securely with UCM using the MIC when associated with a secu
CAPF-trust	Cisco_Manufacturing_CA_SHA2_02	Trust	CA- signed	RSA	Cisco_Manufacturing_CA_SHA2	Cisco_Root_CA_M2	11/12/2037	This certificate was used to sign the MIC installed on Cisco en Presence of this certificate allows the end point to communica securely with UCM using the MIC when associated with a secu
ipsec	cucm14test.test.com_6dffacb16e53663f3d9af4a66f355758	Identity	Self- signed	RSA	cucm14test.test.com	cucm14test.test.com	09/30/2028	Self-signed certificate generated by system
ITLRecovery	ITLRECOVERY_cucm14test_77cea7891d68be201eff4e1e038db166	Identity	Self-	RSA	cucm14test.test.com	ITLRECOVERY_cucm14test	05/01/2028	Self-signed certificate generated by system
tomcat	cucm14test.test.com_36a79869000000000004	Identity	CA-	RSA	cucm14test.test.com	S-WIN2008R2-CA	10/04/2025	Certificate Signed by S-WIN2008R2-CA
Inmanh-FCDC4	sum Meet CC test am 400basede4C6ba00b400C716b00040a4	Idantitu	Calf.	EC.	current/dtast tast com	curm14test-EC test com	00/20/2028	Calf-signed cartificate generated by system

CUCM Tomcat ةداەش

مداخ ىل| لوخدلا ليجستب مق Cisco Unified Presence (CUPS) مراخ ىل لوخدلا ليجستب مق OS، عل مداخ ىل Cisco Unified Presence (CUPS) مداخ ىل لوخدلا ليجستب مق قدامش ليزنتو CUPS.

Cisco U	nified IM and Pres	sence	Operating	g Syste	em Administrat	ion	Navigatio	n Cisco Unified IM and Presence OS Administration 👻 Go			
For Cisco U	inted communications soluti	ons						cisco About Logout			
show Security Security Software Dygrades Services Help											
Certificate List											
Generate Self-signed	🛐 Generate Self-signed 🌇 Upload Certificate/Certificate chain 👔 Generate CSR 📳 Reuse Certificate										
Status	-Status										
•											
Certificate List (1	- 23 of 23)							Rows per Page 50 v			
Find Certificate List where	Certificate v begins	with 🗸			Find Clear Filter						
		:	Select item or e	nter search	text 🗸						
Certificate	Common Name	Usage	Туре	Кеу Туре	Distribution	Issued By	Expiration	Description			
cup	impnew.test.com	Identity	CA-signed	RSA	impnew.test.com	S-WIN2008R2-CA	10/04/2025	Certificate Signed by S-WIN2008R2-CA			
cup-ECDSA	impnew-EC.test.com	Identity	Self-signed	EC	impnew.test.com	impnew-EC.test.com	09/30/2028	Self-signed certificate generated by system			
cup-trust	Impnew-EC	Trust	Self-signed	EC	Impnew	Impnew-EC	09/30/2028	Trusted local cluster own-certificate			
cup-trust	impnew-EC.test.com	Trust	Self-signed	EC	impnew.test.com	impnew-EC.test.com	09/30/2028	Trusted local cluster own-certificate			

Presence CUPS ةداەش

.Cup و Tomcat ةداەش ىلع تعقو يتالا "رذجالا قدصمالا عجرمالا ةداەش" ليزنت

uludu Cisco U	Unified Operating System Administration						Navigation Cisco Unified	OS Administration				
CISCO For Cisco	Unified Communications Solutions							cisco About				
Show • Settings • Se	w × Settings * Security * Software Upgrades * Services * Heb *											
Certificate List												
Generate Self-signed	g Generate Self-signed 🕮 Upload Certificate chain 👔 Generate CSR 👔 Reuse Certificate											
Status												
5 records found												
Certificate List (J	1 - 5 of 5)							Rows per Page 50				
Find Certificate List when	re Certificate v begins with v tomcat-trust Select item or enter search	Find Clear Filter	•									
Certificate *	Common Name/Common Name_SerialNumber	Usage	Туре	Key Type	Distribution	Issued By	Expiration	Description				
tomcat-trust	cucm14test-EC.test.com 486beedc456be0fb40ff7716b999d3a4	Trust	Self-signed	EC	cucm14test.test.com	cucm14test-EC.test.com	09/30/2028	Trust Certificate				
tomcat-trust	S-WIN2008R2-CA_0d758d12017cb7bf49a9a7381b3d388e	Trust	Self-signed	RSA	S-WIN2008R2-CA	S-WIN2008R2-CA	09/29/2028	Signed Certificate				
tomcat-trust	monew.test.com_4b3c/sz/sb308060138671933/04030483	IFUSE	servagnea	R5A	impnew.test.com	impnew.test.com	09/30/2028	Inust Certificate				
tomcat-trust	cucm14test.test.com_35a798690000000004	Trust	CA-signed	RSA	cucm14test.test.com	S-WIN2008R2-CA	10/04/2025	Trust Certificate				
tomcat-trust	impnew-EC.test.com_779ac9d72e3f6e922687583a1071417e	Trust	Self-signed	EC	impnew.test.com	impnew-EC.test.com	09/30/2028	Trust Certificate				

Tomcat ل رذجاا ةداهش

alada Cis	sco Unified IM a	nd Presen	ce Opera	ting Syste	em Administra	tion	Navigation Cis	co Unified IM and Presence OS Administration 🕞
CISCO For	Cisco Unified Communica	tions Solutions						cisco About Log
Show - Settings	✓ Security ✓ Software U	Jpgrades 👻 Serv	ices 👻 Help 👻					
Certificate List								
Generate Self	-signed Dpload Certifie	cate/Certificate chai	n 🔋 Generati	CSR 🛺 Rei	use Certificate			
Status								
(i) 4 records fo	und							
Certificate List	(1 - 4 of 4)							Rows per Page 50
Find Certificate Li	st where Certificate	✓ begins with	✓ cup-trust		Find Clear Filter	P		
			Select item	or enter search	n text v			
Certificate	Common Name	Usage	Туре	Кеу Туре	Distribution	Issued By	Expiration	Description
cup-trust	impnew-EC	Trust	Self-signed	EC	impnew	Impnew-EC	09/30/2028	Trusted local cluster own-certificate
cup-trust	impnew-EC.test.com	Trust	Self-signed	EC	impnew.test.com	impnew-EC.test.com	09/30/2028	Trusted local cluster own-certificate
cup-trust	S-WIN2008R2-CA	Trust	Self-signed	RSA	S-WIN2008R2-CA	S-WIN2008R2-CA	09/29/2028	Signed Certificate
cup-trust	impnew	Trust	Self-signed	RSA	impnew	Impnew	09/30/2028	Trusted local cluster own-certificate
Concernto Colf el		Castificate shale	Concerning CCD	Davias Castilla	at a			

CUPS ل رذجلا ةداەشلا

يف (يأ) ةطيسولا ةداەشلاو ،ىلعألا يف مداخلا ةداەش عضو ،ينعت ةداەش ةمزح CUCM تاداەش نم ةداەش ةمزح ءاشنا ةبرع عوجر (1) ب ةعوبتم ،لڧسألا يڧ رذجلا ةداەشو ،فصتنملا.

ةداەش ةمزحلا ل ةنيع انە:

1	BEGIN · CERTIFICATE	
2	MIIFqsCCBJOgAwIBAgIKNqeYaQAAAAAABDANBgkqhkiG9w0BAQsFADBBMRMwEQYK	
3	CZImiZPyLGQBGRYDY29tMREwDwYKCZImiZPyLGQBGRYBUxEXMBUGA1UEAxMOUy1X	
4	SU4yMDA4UjItQ0EwHhcNMjMxMDA0MTMyNsE2WhcNMjUxMDA0MTMsNsE2WjEXMQsw	
5	CQYDVQQGEwJJTjEMMAoGA1UECBMDa2FyMQwwCgYDVQQHEwNpbmQxDjAMBgNVBAoT	
6	BWNpc2NvMRwwGgYDVQQDExNjdWNtMTR0ZXN0LnR1c3QuY29tMIIBIjANBgkqhkiG	
7	9w0BAQEFAAOCAQ8AMIIBCgKCAQEAoYE9sn27hV05JUwAEwutEy5RA4WwsxIvkqEI	
8	ah0fDpRI2GgY+mrH9q70hAvG3uDYBtBHKYJpkYepeULNjZkhO7a39IeeJMG8/q28	
9	SCk2+j1VIyw8gt+CnG6E6ibCD+HNdtKfwL0ipSd1TnlieX6DsF05Z1K4Alm4yrsN	
10	+b0/wSIkfV0+ValyC90nbTCUkIKgvqvqGzdiyndb6TRfhi+w4RD+0NgOBjWHqcXX	
11	WXgp9JWYQdy7YeX8Y2k1jBAyRhSPfa35hojy470hE91N8axmHRm2m5htqEe0kSOy	
12	2oO9pj7f7Aq1wsVAfVpQCxx1ZsXtZARHpGdswpm4M8r5MoXPtwIDAQABo4ICjTCC	
13	AokwDgYDVR0PAQH/BAQDAgWgMB0GA1UdJQQWMBQGCCsGAQUFBwMBBggrBgEFBQcD	
14	AjAoBgNVHREEITAfggh0ZXN0LmNvbYITY3VjbTE0dGVzdC50ZXN0LmNvbTAdBgNV	
15	HQ4EFgQUTMTpsuTu05EBHZwgGFb6qii7MS8wHwYDVR0jBBgwFoAUaL6fIQ4Vp+QI	Server Certificate on TOP
16	UDs/X6MwFAVhJ4IwgcgGA1UdHw3BwDCBvTCBuqCBt6CBtIaBsWxkYXA6Ly8vQ049	
17	Uy1XSU4yMDA4UjItQ0EsQ049V010MjAwOFIyLENOPUNEUCxDTj1QdWJsaWM1MjBL	
18	ZXk1MjBTZXJ2aWN1cyxDTj1TZXJ2aWN1cyxDTj1Db25maWd1cmF0aW9uLERDPVMs	CUCM TOMCAT CEPT
19	REM9Y29tP2N1cnRpZmljYXR1UmV2b2NhdGlvbkxpc3Q/YmFsZT9vYmp1Y3RDbGFs	COCIM TOMICAT CERT
20	csljUkxEaXN0cmlidXRpb25Qb21udDCBugYIKwYBBQUHAQEEga0wgaowgacGCCsG	
21	AQUFBsAChoGabGRhcDovLy9DTj1TLVdJTjIwMDhSMi1DQSxDTj1BSUEsQ049UHVi	
22	bGljJTIwS2V5JTIwU2VydmljZXMsQ049U2VydmljZXMsQ049Q29uZmlndXJhdGlv	
23	bixEQs1TLERDFWNvbT9jQUN1cnRpZm1jYXR1F2Jhc2U/b2JqZWN0Q2xhc3M9Y2Vy	
24	dGlmaWNhdGlvbkFldGhvcml0eTA9BgkrBgEEAYI3FQcEMDAuBiYrBgEEAYI3FQiF	
25	yrsWhcnoHIXBjS6B5uhFhsusPgeGpusehts3XAIBZAIBAjAnBgkrBgEEAYI3FQoE	
26	GjAYMAoGCCsGAQUFBwMBMAoGCCsGAQUFBwMCMA0GCSqGSIb3DQEBCwUAA4IBAQCQ	
27	hREe6ZJHVx1N7JNgY0REi4V953FiyQPIVYFYVEdaKA1+Afv1S214D7ohFIjL5rSA	
28	ThWiFFSW1mEa5Cj1g9gi21eHIZuDuoR6XEKWB/bkC9BXoDkKMFV7bh9CoOgFmXk8	
29	r6xeN7HScAHAs3wFILUnAip1KP/7odBkNUsgT39NJAL1UgVPpT81r61k8OR5TaYI	
30	9vs4dw5oCqs17Z0Av8ZDKNfDTsWoOGtUZdCMIxasJ05ALmMBtagqYBNj16URkR8i	
31	f2sOkb+NdPZD4XAEOOtW8rji124ukr7JBgeWYsjsD2tsZsJgslMprNaVuMDh280Q	
32	JQFAiCOp2GgYjkJBZcH2	
33	END · CERTIFICATE	
34	BEGIN · CERTIFICATE	
35	MIIDXTCCAkWgAwIBAgIQDXWNEgF8t79Jqac4Gz04jjANBgkqhkiG9w0BAQsFADBB	
36	MRMwEQYKCZImiZPyLGQBGRYDY29tMREwDwYKCZImiZPyLGQBGRYBUxEXMBUGA1UE	
37	AxMOUy1XSU4yMDA4UjItQ0EwHhcNMjMwOTI5MTMxMsIsWhcNMjgwOTI5MTMyMsIy	
38	WjBEMRMwEQYKCZImiZPyLGQBGRYDY29tMREwDwYKCZImiZPyLGQBGRYBUsEXMBUG	
39	AlUEAxMOUy1XSU4yMDA4UjItQ0EwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEK	
40	AoIBAQCXa6tjSyOUyn6GkoSbe98SaSKrUNGbCORKnI41tWEiX0vPITEsqZUPRJq4	
41	7C8useeDiJPUbWAY9e8F4nm+VhG3EKqkwekr1JAF1mV4hkypxR0Wz64b4yO4Ln8e	B
42	3E/F6/SXA6HOqHDylqlQMWSA/PXB441GKbSnfA4pjTBSnMP5WL+iBruYHp9tX6EJ	Root certificate at bottom
43	IJq5Fe+RZYNh/mLuB+0Qf10Cn4sqsxZGf8DxhJNHU+2mSq7h319exxioDcwiVwZ0	
44	xqUKrvBs6jBtOg4Kvs3za4AHyP91SAA2vp42MwtBdis8O3wx+vm/HoVr0fHum/W1	
45	Z92iwR9JxA4tKoJHVpBwMVnrK7TrAgMBAAGjUTBPMAsGA1UdDwQEAwIBhjAPBgNV	
46	HRMBAf8EBTADAQH/MB0GA1UdDgQWBBRovp8hDhWn5AhQOz9fozAUBWEngjAQBgkr	
47	BgEEAYI3FQEEAwIBADANBgkqhkiG9w0BAQsFAAOCAQEAV5nsa91K4BI3CAuBgMMe	
48	YSPExL5kExPQcFtJtlFjnC5uTC4I0MQQFfuralBQfr4DokDXK5892npt5DAFors5	
49	k60GpH1bRPBaoxJhK0TaSimL6yAZ0fZo380nrVRDZKlug/1VeXF/2h1TeZc73utt	
50	k5sqewqTQO4NHrBp0Udybmpf2L5BJhlctoH490PI0HEbmVDE0WALKX1iqsuEZrmm	
51	Mr10MRRLs22BpX2WSqw90IrmpWI3fds2kE2S1DvuaNcc7B8W0hgWT3HxnyuMTyZi	
52	b6Yf7hb5F3ZSOpHFU1bZ22tqk4qouEigyoaUZaLcVhV5UdBCCvwyU19yU6+EscnM	
53	Ww==	
54	END · CERTIFICATE	
55		
		Iust 1 carriage return

Tomcat ةداەش ةمزح

يف (يأ) ةطيسولا ةداەشلاو ،ىلعألاا يف مداخلا ةداەش عضو ،ينعت ةداەش قمزح .CUPS تاداەش نم صيخرت ةمزح ءاشنإب مق ةبرع عوجر (1) ب ةعوبتم ،لفسألاا يف رذجلا ةداەشو ،فصتنملاا.

1	BEGIN · CERTIFICATE	
2	MIIFqTCCBJGgAwIBAgIKNrMm8gAAAAABTANBgkqhkiG9w0BAQsFADBBMRMwEQYK	
3	CZImiZPyLGQBGRYDY29tMREwDwYKCZImiZPyLGQBGRYBUzEXMBUGA1UEAxMOUy1X	
4	SU4yMDA4UjItQ0EwHhcNMjMxMDA0MTMsOTU0WhcNMjUxMDA0MTM0OTU0WjBjMQsw	
5	CQYDVQQGEwJJTjEOMAwGA1UECBMFa2FybmExDDAKBgNVBAcTA2JnbDEOMAwGA1UE	
6	ChMFY21sY28xDDAKBgNVBAsTA2thcjEYMBYGA1UEAxMPaW1wbmV3LnR1c3QuY29t	
7	MIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAkHb9jzWyhi6i4IkSx8hC	
8	Z1U5LZHBQZ8RDQw1vT3CFGZut+dayK9KzhYtsOAhRFwLPWgGtABJWMr98f+DM0RG	
9	FsmCtNolZsEOqSQCR6b/kbQuC+6LhhgpIM8I44StLaAF4neZ/5dmCU9sJNCpnbpH	
10	EbqbXKhW8V4ZBZeLP0T2savk5V+vriGuMjV299vGrEu49kB0EN2M+mnfcnf2OxT5	
.1	wtFqCY9jijKSKC4Ocu6iJS8A7Hi/yJQJ1NeUmnLpGpF/HKUrclu5pBdfiV1EXBkS	
.2	LX2bm49PFGRS0guxJZVC457vmAgACgKvwE5s3HvW1t3Tp1WE4AZtSn3s9tsYS0C7	
.3	bwIDAQABo4ICfsCCAnswHQYDVR01BBYwFAYIKwYBBQUHAwEGCCsGAQUFBwMCMA4G	CUPS Certificate
.4	A1UdDwEB/wQEAwIFoDAaBgNVHREEEsARgg9pbXBuZXcudGVsdC5jb20wHQYDVR00	cors certificate
15	BEYEFOxvmV/jdcIDMEVOjsWR/yRAo9ktMB8GA1UdIwQYMBaAFGi+nyEOFafkCFA7	
16	P1+jMBQFYSeCMIHIBgNVHR8EgcAwgb0wgbqggbeggbSGgbFsZGFw0i8vL0NOPVMt	
.7	V010MjAwOFIyLUNBLENOFVdJTjIwMDhSMixDTj1DRFAsQ049UHVibG1jJTIwS2V5	
18	JTIwU2VydmljZXMsQ049U2VydmljZXMsQ049Q29uZmlndXJhdGlvbixEQz1TLERD	
.9	PWNvbT9jZXJ0aWZpY2F0ZVJ1dm9jYXRpb25MaXN0P2Jhc2U/b2JqZWN0Q2xhc3M9	
20	Y1JMRG1zdHJpYnV0aW9uUG9pbnQwgboGCCsGAQUFBwEBBIGtMIGqMIGnBggrBgEF	
1	BQcwAoaBmmukYXA6Ly8vQ049Uy1X3U4yMDA4UjItQ0EsQ049QU1BLENOPVB1Ymxp	
12	YyUyMEtleSUyMFN1cnZpY2VsLENOPVN1cnZpY2VsLENOPUNvbmZpZ3VyYXRpb24s	
33	REM9UyxEQs1jb20/Y0FDZXJ0aWZpY2F0ZT9iYXN1P29iamVjdENsYXNsPWN1cnRp	
34	ZmljYXRpb25BdXRob3JpdHkwPQYJKwYBBAGCNxUHBDAwLgYmKwYBBAGCNxUIhcq7	
35	FoXJ6ByFwY0ugeboRYbLss4HhqbrHobc91wCAWQCAQIwJwYJKwYBBAGCNxUKBBow	
36	GDAKBggrBgEFBQcDATAKBggrBgEFBQcDAjANBgkqhkiG9w0BAQsFAAOCAQEAVJDy	
37	3mMOFWgLW4hishn/XCPChLMPG54IE+EINTBqsoqxsvl3XLldo0JjNAI7Xd+FoAGQ	
38	UXRjRN3q326yiY5C2itTLe/aVpc1C5yN6krL/8PEnBnmopubQVdqRUCbn4r21iNV	
29	sNcBrUeOY0Vr2/EVeBObVb1DGowfrxMj59v40k15wYc88h0bopL1I/Sc2mpw5m2Z	
30	R5nyyxSXfjkMZSwvMnO+Sus7dbJu2sfI6sw0EhF12tRRQHCsq9n9uQDSUXCjQFdq	
31	Y3A+LJGewlAuPt4+sqOxjYKYNP8m8+WIBIUEv+oXAoVbs8ffQFoPXYf/ZmWrBJRP	
32	2v/At0ns31UdcKFUPw==	
33	END · CERTIFICATE	
34	BEGIN · CERTIFICATE	
35	MIIDXTCCAkWgAwIBAgIQDXWNEgF8t79Jqac4Gs04jjANBgkqhkiG9w0BAQsFADBB	
36	MRMwEQYKCZImiZPyLGQBGRYDY29tMREwDwYKCZImiZPyLGQBGRYBUzEXMBUGA1UE	
37	AxMOUy1XSU4yMDA4UjItQ0EwHhcNMjMwOTI5MTMxMsIsWhcNMjgwOTI5MTMyMsIy	
38	WjBBMRMwEQYKCZImiZPyLGQBGRYDY29tMREwDwYKCZImiZPyLGQBGRYBUxEXMBUG	
39	A1UEAxMOUy1XSU4yMDA4UjItQ0EwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEK	
10	AoIBAQCXa6tjSyOUyn6GkoSbe98SaSKrUNGbCORKnI41tWEiX0vPITEsqZUPRJq4	
11	7C8useeDiJPUbWAY9e8F4nm+VhGSEKqkwekrlJAF1mV4hkypxR0Ws64b4yO4Ln8e	Poot Cartificate
12	3E/F6/SXA6HOqHDy1q1QMWSA/PXB441GKbSnfA4pjTBSnMP5WL+iBruYHp9tX6EJ	Root Certificate
13	IJq5Fe+RZYNh/mLuB+0Qf10Cn4sqxxZGf8DxhJNHU+2mSq7h319exxioDcwiVwZ0	
14	xqUKrvBs6jBtOg4Kvs3sa4AHyP91SAA2vp42MwtBdis8O3wx+vm/HoVr0fHum/W1	
15	292iwR9JxA4tKoJHVpBwMVnrK7TrAgMBAAGjUTBPMAsGA1UdDwQEAwIBhjAPBgNV	
16	HRMEAf8EBTADAQH/MB0GA1UdDgQWBBRovp8hDhWn5AhQ0z9fozAUBWEngjAQBgkr	
17	BgEEAYI3FQEEAwIBADANBgkqhkiG9w0BAQsFAAOCAQEAV5nsa91K4BISCAuBgMMe	
18	YSPExL5kExPQcFtJt1FjnC5uTC4I0MQQFfura1BQfr4DokDXK5892npt5DAFors5	
19	k60GpH1bRPBaoxJhK0TaSimL6yAZ0fZo380nrVRD2Klug/1VeXF/2h1TeZc73utt	
50	k5sqewqTQO4NHrBp0Udybmpf2L5BJh1ctoH490PI0HEbmVDE0WALKX1iqsuE2rmm	
51	Mr10MRRLs2ZBpX2WSqw90IrmpWI3fds2kE2S1DvuaNcc7B8W0hgWT3HxnyuMTyZi	
52	b6Yf7hb5F3ZSOpHFU1bZ22tqk4qouEigyoaUZaLcVhV5UdBCCvwyU19yU6+EscnM	
33	XX==	
2.4	END · CERTIFICATE	
5		_
		carriage return

carriage return

CUPS ةداەش ةمزح

.WinSCP لالخ نم CMS مداخ ىل| اقباس اەۋاشن| مت يتلا ةمزحلا تاداەش ىلع طغضا WinSCP.

Name	Size	Туре	Name	Size	Changed	Rights	Owner
		Parent director	C2wip.key	198 KB	5/16/2020 3:44:38 PM	rrr	admin
eupbun.cer	4 KB	Security Certifi	CA.cer	198 KB	8/17/2021 9:36:00 PM	rrr	admin
eucmbun.cer	4 KB	Security Certifi	CA222.cer	198 KB	8/17/2021 10:53:32 PM	rrr	admin
			CA2222.cer	198 KB	8/24/2023 9:35:26 AM	rr	admin
			CB1.csr	198 KB	8/24/2023 2:58:43 PM	rr	admin
			CB1.key	198 KB	8/24/2023 2:58:43 PM	rr	admin
			CB222.cer	198 KB	8/17/2021 11:07:26 PM	rr	admin
			CB222.csr	198 KB	8/18/2021 4:21:01 AM	rr	admin
			CB222.key	198 KB	8/18/2021 4:21:01 AM	rrr	admin
			CB2222.cer	198 KB	8/24/2023 9:35:26 AM	rrr	admin
			a) cmm.csr	198 KB	4/20/2022 11:12:14 PM	rrr	admin
			🗋 cmm.key	198 KB	4/20/2022 11:12:14 PM	rr	admin
			im cms.cer	198 KB	9/21/2021 12:18:15 PM	rrr	admin
			and cms.lic	198 KB	10/26/2023 5:54:51 PM	rr	admin
			🙀 cucmbun.cer	198 KB	10/4/2023 7:18:03 PM	rrr	admin
			La cup.cer	198 KB	10/4/2023 3:51:03 PM	rrr	admin
		(cupbun.cer	198 KB	10/4/2023 7:22:10 PM	rr	admin
			Feb_09_2023_14_14.bak	518 KB	2/9/2023 2:13:12 PM	rrr	admin
			Feb_10_2023_13_27.bak	518 KB	2/10/2023 1:25:05 PM	rrr	admin

CMS ىلإ تاداەشلا ةمزح خسن

callbridge ucm certs <cert-bundle>. مادختساب CallBridge علع TOMCAT قمزح قداهش نييعت



تسارت تريس يدغيربيلاك

.callbridge imps certs <cert-bundle مادختساب CallBridge یلع Cup مداوخ ةعومجم ةداهش نييعت



تاداەشلا مزح نييعت نم ققرحتلل رمألا callbridgeليغشتب مق.



CallBridge يف ةقثالا ةداەش نم ققحتالا

رقناو ،CUCM رقناو ،User Management > User Settings > Access Control Group رقناو ،Add رقناو ،etw معاشناب مقو ،Add رقناو ،New

cisco	Cisco U For Cisco I	Unified CM	Administra	tion s				
System 💌	Call Routing 🔻	Media Resources	Advanced Featur	es 🔻 Device	 Application 	User Management	▼ Bulk Administration ▼	Help 🔻
Access Co	ontrol Group	Configuration						
Save								
-Status-								
(i) Statu	us: Ready			_				
Access	Control Group	Information-						
Name*			CUCM_AXL_GROUP	,				
Available	for Users with	User Rank as *	1 - Default User Ra	ink		~		
Save								
(i) *- ir	ndicates require	ed item.						
مجم ءاشنإ	AXL ةعوه							

اقبسم اهؤاشنإ مت يتال لوصولا يف مكحتال ةعومجم ىل Standard_AXL API Access رودا نييعتب مق.

CISCO Unified CM Administration CISCO For Cisco Unified Communications Solutions	Skip to Content Navigation Cisco Unified CM Administration •						
System • Call Routing • Media Resources • Advanced Features • Device • Application • User Management	int ▼ Bulk Administration ▼ Help ▼						
ccess Control Group Configuration Related Links: Back TO Find/List 🗸							
Roles States							
J Status: Ready	Dependency Records						
- Access Control Group Information							
Name* CUCM_AXL_GROUP Available for Users with User Rank as * 1 - Default User Rank ✓							

تعومجم ىل اتاقىبطتل المجمرب قوجاو لوصو نييعت AXL

Name	e* CUCM_AXL_GROUP		
Role	Assignment		
Role	Standard AXL API Access		
		A	ssign Role to Group
			elete Role Assignment
Sav	e		

مق مث .قيبطتلل AXLuser مدختسم ءاشنإب مق مث ،Add New قوف رقناو ،User Management > Application User قوف رقناو ،Add New قرم من يعتب اقبسم اهؤاشنا مت يتلا ،لوصولا يف مكحتال قعومجم نييعتب.

Gisco Unified CM Administration For Cisco Unified Communications Solutions		
tem + Call Routing + Media Resources + Advanced Features + Device + Application + User Management + Buk Administration + Hep +		
unlication User Configuration		
y sau	C	
	🔰 📫 Find and List Access Control Groups — Mozilla Firefox — 🛛	
D Statue: Ready		
ANTANIA BAS TABUTA		-
per 10 * and the set	https://10.106.113.229/ccmadmin/userGroupFindList.	
	· La heper, for the last of th	~
onform Password +++++	First and this have a first because	
per Credentals	Find and List Access Control Groups	
onfirm Digest Credentials	Select All Clear All Hadd Selected The Cose	
F Presence Group* Standard Presence group v		
er Rank* 1-Default User Rank v	- Maria	
Accept Presence Subscription	30 means found	
Accept Out-of-dialog REFER		
Accept Unsolicited Notification	Access Control Group (1 - 30 of 30) Row	s per Page(50 V
Accept Replaces Header	Find Access Control Group where Name > begins with > Find Clear Filter	
ruice Information	Name *	Ante
aliable Devices duramentation Terminite	Admin-3rd Party AFI	1
CEPsaietano	Application Clerk Users	1
CSPlest Divise Association	CUCH_AKLGROUP	1
32P/0994AD3r6396 62P/0994AD3r6397	CONTRACTOR CONTRACTOR OF CONTRACTOR CONT	1
**	Standard CAR Admin Users	1
advalled Devices	Standard CCM Admin Users	1
	Standard CCM End Users	1
	Standard CCM Gateway Administration	1
allable Profiles	Standard CCM Phone Administration	1
	Standard CCM Read Only	1
	Stendard CCM Server Mantenance	1
	Standard CCH Server Honitoring	1
	Standard CCM Super Users	1
~	Standard Confidential Access Laver Users	1
^	Standard CTL Avery Call Institution	
	Sector Climer Content and	
APF Information	Graded CTI Alter Calles Number Medifestion	
ssociated CAPP Profiles	Stanlard CTL May Control of Al Devices	
	Standard CTI Allow Control of Phones supporting Connected Xfer and conf	1
View Details	Standard CTI Allow Control of Pitones supporting Rollover Hode	1
	Slandard CTI Allow Reception of SRTP Key Malarial	1
ermissions Information	Standard CTI Enabled	1
	Standard CTI Secure Connection	1
Add to Access Control Group	Standard EM Authentication Proxy Rights	L.
View Datale		

Admin-3rd Party API. دنيرودلا نيذه نييعتو Cup مدختسم ءاشنإب مق

AXL ةعومجم نييعتو مدختسم ءاشنإ

Application User Configu	ration			
🔜 Save 🗶 Delete 🗋	Copy 🖓 Add New		V 🔓 https://10.106.113.229/ccmadmin/userGroupFindList.do?whe 50%	<u>හ</u> ≡
Application User Informat	tion			
User ID*	Nputer (B	dit Credential	Find and List Access Control Groups	
rassworg			Select All Clear All Add Selected T Close	
Confirm Password			3.643	
Digest Credentials			31 records found	
Confirm Digest Credentials				
BUF Presence Group*	Standard Presence group		Access Control Group (1 - 31 of 31)	Rows per Page 50 v
User Rank*	t-Default User Rank v			
Accept Presence Subscript	tion		Find Access Control Group where Name V begins with V ad Find Clear Filter 🔶 📼	
Accept Out-of-dialog REF	52		Name *	Rank
Accept Unsolicited Notifics	tion		Admin-3rd Party API	1
Accept Replaces Header			Application Clenc Users	1
Device Televentiles		10.00	CUCM_AXE_GROUP	1
vevice information			CUP_User_GRP	1
Available Devices	Auto-registration Template		Standard Audit Users	1
	CSPtest	Device Association	n Standard CAR Admin Users	1
	SEP0896AD5F6396	Find more Route Po	Standard CCM Admin Users	1
	SEP0896AD5F6397		Standard CCM End Users	1
	**		Standard CCM Gateway Administration	1
Controlled Devices			Standard CCM Phone Administration	1
			Sandard CCM Read Only	1
			Standard CCM Server Maintenance	1
Available Profiles			Standard CCM Server Monitoring	1
			Standard CCM Super Users	1
			Standard Confidential Access Level Users	1
		_	Standard CTI Allow Call Monitoring	1
CTI Controlled Device Profile	**		Standard CTI Allow Call Park Monitoring	1
		¥	Standard CTI Allow Call Recording	1
		^	Standard CTI Allow Calling Number Modification	1
		_	Standard CTI Allow Control of All Devices	1
CAPF Information			Standard CTI Allow Control of Phones supporting Connected Xfer and conf	1
Associated CAPF Profiles			Standard CTI Allow Control of Phones supporting Rollover Mode	1
			Standard CTI Allow Reception of SRTP Key Material	1
			Standard CTI Enabled	1
) <u>Ven</u>	00000	Standard CTI Secure Connection	1
Permissions Information	1		Standard EM Authentication Proxy Rights	1
Groups			Standard EM Roaming Across Clusters Super Users	1
	Add to A	Access Control Group	Standard Packet Sniffer Users	1
	Remove	from Access Control Group	Standard ReatimeAndTraceCollection	1
Balar -	Vew Details		Standard TabSync User	1
~~m3			Third Party Application Users	1
	View Details		U Select All Litest All (Add Selected) (Lidse)	

سأكلا مدختسم ءاشنإ

ن م ت ق ت ت ا ن م ت ق ت ت ا ن ي ك م ت Cisco Unified Communications Manager IM & Presence Service (IMPS) ي ل ع CMS ى ل ع (IMPS) ي ل ع داه ش ل ا ن م ق ق ح ت ل ا ن ي ك م ت

callbridge ucm verify <enable/disable>

callbridge imps verify <enable/disable>



CUPS د CUCM و CUCM نم ققحتال CUCM نم ق

رمألاا callbridge ليغشت لالخ نم كلذ نم ققحت.



ءاعدتسالا رمأ نم ققحتلا

مادختساب CMS ىلع اقباس امؤاشنإ مت يتلا CUCB و AXLو CUCS ل (FQDN) لماكلاب لمؤمل لاجمل مسا ةفاضإب نآلا مق callbridge ucm add <hostname/IP> <axl_user> <presence_user>.

axl_user = مدختسم AXL دلع CUCM

```
اقبسم ەؤاشنإ مت يذلا CUP مدختسم = اقبسم م
```



CallBridge ىلإ CUCM ةفاضإ

:قدعاسمب CUCM تامدخب قثت CMS تناك اذإ امم قرقحت ،نآلاا

callbridge ucm <hostname/IP> axl_service status

callbridge ucm cucm14test.test.com axl_service status



ةلا*callBridge AXL*

callbridge imps <hostname/IP> <presence_user> presence_service status

wb3> callbridge imps impnew.test.com cisco presence_service status



CallBridge دوجو ةلاح

.روضحلاو AXL تامدخل ةبسنلاب ضعبلا امەضعبب ناقثي CMS و CUCM نأ ةرفوتملا تامدخلا ينعت



يوتحي CUCM يوتحي مەتنمازم تمت نيذلاا (LDAP) نزولا فيفخ ليلدلا ىل| لوصولا لوكوتورب يمدختسم ىلع CUCM يوتحي بجيو Jabber JID و بيو قيبطت مدختسم فرعم سفن نيمدختسملا ىدل نوكي نأ بجي CUPS. يلع اضيأ مەثيدحتو علام مەليجست متيل ،مدختسملا فرعم سفنب بيو قيبطت يف مەليجست متي نأ

Jabber ليمعو WebApp نيب دجاوتال ةكراشمل ددحمالا CUCM نيوكت

ەنيوكت مت LDAP لوكوتورب ىلع CUCM يوتحي نأ بجي.

LDAP: ماظن

LDAP System Configuration						
Status Please Delete All LDAF Please Disable LDAP A	Directories Before Making Changes on This Page Authentication Before Making Changes on This Page					
-LDAP System Information						
Z Enable Synchronizing fr	om LDAP Server					
LDAP Server Type Microsoft Active Directory						
LDAP Attribute for User ID	sAMAccountName	~				

CUCM LDAP 1 نيوكت

LDAP: ليلد

LDAP Directory									Rel	ated Links: Back to
🔚 Save 🗶 Delete [Copy	Perform Fu	II Sync Now	Add New							
LDAP Directory Information										
LDAP Configuration Name*	ADDOT240									
LDAP Manager Distinguished Name*	administrator@	test.com			ī					
LDAP Password*					ĩ					
Confirm Password*					ī .					
LDAP User Search Base*	OU=Acano,DC=	test,DC=com								
LDAP Custom Filter for Users	< None >			~						
Synchronize*	💿 Users Only	O Users ar	nd Groups							
LDAP Custom Filter for Groups	< None >			~						
LDAP Directory Synchronization S Perform Sync Just Once Perform a Re-sync Every* Next Re-sync Time (YYYY-MM-DD h	LDAP Directory Synchronization Schedule Perform Sync Just Once Perform a Re-sync Every* 7 DAY Next Re-sync Time (YYYY-MM-DD hh:mm)* 2023-10-31 00:00									
Standard User Fields To Be Synch	nronized —									
Cisco Unified Communications Mana	ger User Fields	LDAP Attribu	te						Cisco Unified Communications Manager User Fie	lds LDAP Attribute
User ID		sAMAccount	lame						First Name	givenName
Middle Name		middleName	~						Last Name	sn
Manager ID		manager							Department	department
Phone Number		telephoneNu	mber 🗸						Mail ID	mail
Title		title							Home Number	homephone
Mobile Number		mobile							Pager Number	pager
Directory URI		mail	~						Display Name	displayName

CUCM LDAP 2 نيوكت

LDAP: ةقداصم

نيوكت CUCM LDAP 1 CUCM LDAP Configuration 1 CUCM LDAP Configuration 1

LDAP Authentication		
Save		
⊂ Status —		
(i) Status: Ready		
□ LDAP Authentication for End User	s	
✓ Use LDAP Authentication for End	Users	
LDAP Manager Distinguished Name*	administrator@test.com	
LDAP Password*	••••••	
Confirm Password*	•••••	
LDAP User Search Base*	OU=Acano,DC=test,DC=com	
-IDAP Server Information		
Hos	t Name or IP Address for Server*	LDAP Port* Use TLS
Add Another Redundant LDAP Ser	ver	

CUCM LDAP Configuration 3

:ديربالا فرعم نيوكت عم CUCM ىلإ LDAP نم مەبحس مت نيذلا نومدختسمايا

End User Configuration		
🔚 Save 🗙 Delete 🚽	🕨 Add New (Revoke Refresh Token	
Status		
i Status: Ready		
User Information ———		
User Status	Active Enabled LDAP Synchronized User	
User ID*	test	
Self-Service User ID	1000	
PIN	••••••	Edit Credential
Confirm PIN	••••••	
Last name*	test	
Middle name		
First name	test	
Display name	test test	
Title		
Directory URI	test@test.com	
Telephone Number		
Home Number		
Pager Number		
Mail ID	test@test.com	
Manager User ID		

CUCM يف نومدختسم

مداخ ىلع CUCM مدختسم ثيدحت مت

Induce Cisco Unified CM IM and Presence Administration					Navigation:	Navigation: Cisco Unified CM IM and Presence Adminis						Go		
cisco	For Cisco Unified Communic	ations Solutions							8 🛕		cisco	Logout	Ab	out
System -	Presence - Messaging -	Application - Bulk	Administration -	Diagnostics 🕶	Help 👻									
E Presence	e Topology	Node User Ass	ignment (impne	w.test.com)										
	Impnew.test.com	Status												
ali Ur	assigned Users (0)	i 2 records	s found											
🔏 All As	ssigned Users (2)									_			_	
		User Assignm	nent (1 - 2 of	2)							Rows	per Page	50	v
		Find User Assig	nment where Us	er ID 🗸 🗸	begins with v		Find Clear Filter	4						
		User ID 🔺	First Name	Last Name	IM Address	Directory URI	Failed Over	Node			Presence	Redundancy	Group	
		test	test	test	test@test.com	test@test.com		impnew.test.c	om	Def	aultCUPS	ubcluster		
		test2	test2	2	test2@test.com	test2@test.com		impnew.test.c	om	Def	aultCUPS	ubcluster		

CUPS يف نومدختسملا

.CMS ىلع اەتنمازمو مدختسملا تانايب ةدعاق بحس متي .CMS ىلع اضيأ ەسفن LDAP ليلد نيوكت مت



Status 🔻 Configuration 🔻 Logs 🔻

Users		
Filter	Submit Query	
Name	Email	
Gogi	gogi@s.com	gogi@s.com
Saiacano	saiacano@s.com	Saiacano@s.com
cms user	cmsuser1@saml.com	cmsuser1@saml.com
go go	gogo@federation.com	gogo@federation.com
ivrman	ivrman@s.com	ivrman@s.com
joey	joey@s.com	joey@s.com
popo1 1	popo11@saml.com	popo11@saml.com
prashant	prkapur@s.com	prkapur@s.com
replication user	replicationuser@saml.com	replicationuser@saml.com
sai 1	sai1@saml.com	sai@saml.com
sai1 acano	sai1acano@federation.com	sai1acano@federation.com
saml superuser	ssosuperuser@saml.com	ssosuperuser@saml.com
sankar v		sankar@s.com
shakur 2pac	2pac@s.com	2pac@s.com
test test	test@test.com	test@test.com
test2	rest2@test.com	test2@test.com
user 1	user1@saml.com	user1@saml.com

CMS ومدختسم

.دجاوتلا رابتخإ ةعباتم كنكمي ،CUCM يف قثت نأ نكمي CMS نأ نم قوّحتلاب لعفلاب تمق دق كنأ امب ،نآلا

wb3>
wb3> callbridge ucm add <hostname ip=""> <axl user=""> <presence user=""></presence></axl></hostname>
Only 1 UCM node is allowed. Delete existing UCM node to add a new UCM node.
wb3> callbridge ucm add cucm14test.test.com axluser cupuser
Enter axl user password:
Enter presence user password:
UCM node updated successfully. Restart the callbridge for changes to take effect.
wb3>
wb3>

CMS ىلإ CUCM و سوؤك ةفاضإ

ةحصلا نم ققحتلا

ال المان ا



WebApp و Jabber يف مدختسملا لوخد ليجست

مدختسملا سفن ىلإ لوخدلا ليجستب نينوبزلا الك ماق <u>test@test.com</u>.

M Test space	test test's Home Larlogi 2020-10-95 at 1152. See deals	Curre Landon (T) (L) (L) (L) (L) (L) (L) (L) (L) (L) (L	Let tert tert/tert m State: Acalizy: > My Pode Serioga Sign Out) - O X
	My spaces test space test space	2	And Contract	

لاصتالا لبق WebApp و Jabber يف دجاوتلا



بيو قيبطت نم مامضنالا دنع دجاوتلا ةلاح ريغتت

ةلاج ثيدجتب تاعامتجالا مداخ موقي ،عامتج! ىل! مامضنالاو بيو قيبطت ىل! لوخدلا ليجستب Jabber مدختسم موقي امدنع اذا ،لاثملا ليبس ىلع .عامتجالا مدختسملا يهني نأ دعب ةقباسلا متلاح ىل دتريو "قملاكم يف ،عامتج! يف" ىل! Jabber قيبطت عامتج! يف نوكت امدنع "قملاكم يف ،عامتج! يف" ىل المثيدجت متي ،"رفوتم" رمظت Jabber ىلع مدختسملا قلاح تناك يف Jabber مدختسم ناك اذا .ىرخأ قرم "رفوتم" ىل المثيدجت متي ،"رفوتم" رمظت Jabber يلع مدختسملا قلاح تناك ناك اذا . ين الماحي من الما اذا .ىرخأ قرم "رفوتم" ول المثيدجة متي ،"رفوتم" رمظت Jabber يلع مدختسملار الماح يا يف Jabber مدختسم ناك اذا .يرخأ قرم "رفوتم" ول المثيدجة متي ،عامتجالا مدختسملار رداغي نأ دعب .بيو ناك اذا .ين الماحي الماحية الم ياك الماحية الم الماحية الماحية الماحية عامية الماحية الماحي الماحية الماحية الماحية الماحية الماحية الماحية الماحيد الماحية الماحية الماحية الماحي الماحية الماحية الماحية الماحية الماحية الماحية الماحية الماحية الماحييان الماحية الماحيي الماحي

ةمجرتاا مذه لوح

تمجرت Cisco تايان تايانق تال نم قعومجم مادختساب دنتسمل اذه Cisco تمجرت ملاعل العامي عيمج يف نيم دختسمل لمعد يوتحم ميدقت لقيرشبل و امك ققيقد نوكت نل قيل قمجرت لضفاً نأ قظعالم يجرُي .قصاخل امهتغلب Cisco ياخت .فرتحم مجرتم اممدقي يتل القيفارت عال قمجرت اعم ل احل اوه يل إ أم اد عوجرل اب يصوُتو تامجرت الاذة ققد نع اهتي لوئسم Systems الما يا إ أم الا عنه يل الان الانتيام الال الانتيال الانت الما