# Konfigurieren eines von einer Zertifizierungsstelle signierten Multiserver-Betreffs als Alternativname in CVOS-Systemen

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Einleitung Voraussetzungen Anforderungen Verwendete Komponenten Hintergrundinformationen Konfigurieren Überprüfung Fehlerbehebung

## Einleitung

In diesem Dokument wird die Einrichtung eines Cisco Voice Operating System (CVOS)-System-Clusters mithilfe eines CA-SAN (Certificate Authority)-Signed Multi-Server Subject Alternate Name) mit Publisher-Subscriber-Architekturmodell beschrieben. Das CVOS-System deckt CUIC-, Finesse-, Livedata- und IdS-Systeme in UCCE-Umgebungen ab.

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### Voraussetzungen

#### Anforderungen

Cisco empfiehlt, dass Sie über Kenntnisse in folgenden Bereichen verfügen:

- Cisco Unified Contact Center Enterprise (UCCE) Version 12.5
- Cisco Package Contact Center Enterprise (PCCE) Version 12.5
- Cisco Finesse v12.5
- Cisco Unified Intelligence Center v12.5

#### Verwendete Komponenten

Die Informationen in diesem Dokument basieren auf der Verwaltung des CVOS-Betriebssystems (Certificate Management, Zertifikatsverwaltung).

Die Informationen in diesem Dokument beziehen sich auf Geräte in einer speziell eingerichteten Testumgebung. Alle Geräte, die in diesem Dokument benutzt wurden, begannen mit einer gelöschten (Nichterfüllungs) Konfiguration. Wenn Ihr Netz Live ist, überprüfen Sie, ob Sie die mögliche Auswirkung jedes möglichen Befehls verstehen.

### Hintergrundinformationen

Bei SAN-Zertifikaten mit mehreren Servern muss nur ein CSR für einen Cluster von Knoten von der

Zertifizierungsstelle signiert werden, und nicht ein CSR von jedem Serverknoten des Clusters, der dann ein Zertifikat mit CA-Signatur für jeden CSR erhält und einzeln verwaltet.

Stellen Sie vor der Konfiguration sicher, dass die folgenden Services verfügbar und funktionsfähig sind:

- Cisco Tomcat Service
- Benachrichtigung über Änderung des Cisco Zertifikats
- Überwachung auf Ablauf von Cisco Zertifikaten

#### Konfigurieren

Schritt 1: Melden Sie sich bei der Betriebssystemverwaltung an, und navigieren Sie zu Security > Certificate Management > Generate CSR (Sicherheit > Zertifikatsverwaltung > CSR generieren), wie im Abbild dargestellt.

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Schritt 2: Wählen Sie **Multi-Server SAN** in Distribution aus. Die SAN-Domänen und die übergeordnete Domäne werden automatisch aufgefüllt.

	Generate Certificate Signing Request	- Google Chrome
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Status		
i Success: Cert	tificate Signing Request Generated peration successful on the nodes [cuicpub90a.stooges.icm,	cuicsub90b.stooges.icm].
Generate Certific	ate Signing Request	
Certificate	[tomcat 🗸	
Distribution*	Multi-server(SAN)	
Common Name*	cuicpub90a-ms.stooges.icm	
Subject Alternat	e Names (SANs)	
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		Please import .TXT file only. For more information please refer to the notes in the Help Section
		Add
Key Type**	RSA	
Key Length*	2048 🗸	
Hash Algorithm*	SH4256	

Schritt 3: Die erfolgreiche Generierung der CSR-Anfrage zeigt folgende Meldung an:

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Status-			 ٦
(i) Suc	cess: Certificate Signing Request Generated		
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Schritt 4: Nach der erfolgreichen Generierung der CSR-Anfrage können Sie hier die generierte CSR-Anfrage sehen, die Sie herunterladen und zur Signatur an die Zertifizierungsstelle senden können.

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Schritt 5: Laden Sie das CA-signierte Zertifikat als Typ tomcat in den Publisher-Knoten des Clusters auf der Seite für die Zertifikatsverwaltung hoch, und befolgen Sie die Anweisungen, die beim erfolgreichen Hochladen angezeigt werden.

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If SAML SSO is enabled,	, regenerate the SP metadata and upload it or	n the IDP server.
- Upload Certificate/Certific	cate chain	
Certificate Purpose*	tomcat	~
Description(friendly name)	Self-signed certificate	
Upload File	Choose file No file chosen	
Upload Close		
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*- indicates required it	em.	

Schritt 6: Nachdem die Datei erfolgreich hochgeladen wurde, überprüfen Sie die Zertifikatsliste, die das neue CA-signierte Zertifikat als Typ multi-SAN anzeigt.

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Klicken Sie auf das neue Multi-SAN-Zertifikat, und überprüfen Sie, ob SubjectAltNames den Domänennamen und die FQDNs aller Cluster-Knoten anzeigt.

# Überprüfung

Verwenden Sie diesen Abschnitt, um zu überprüfen, ob Ihre Konfiguration ordnungsgemäß funktioniert.

Melden Sie sich bei der Seite "**cmplatform**" der Subscriber-Knoten an, und überprüfen Sie, ob das gleiche Multi-SAN-Zertifikat mit der Verwendung von <u>http://<any-node-fqdn>:8443/cmplatform</u> ausgefüllt ist<u>.</u>

## Fehlerbehebung

Dieser Abschnitt enthält Informationen, die Sie zur Fehlerbehebung bei Ihrer Konfiguration verwenden können.

Erfassen Sie diese Zertifikatsmanagement-Protokolle vom CLI-Zugriff, und öffnen Sie das Ticket beim Cisco TAC: **Datei erhalten Sie eine aktive Protokollplattform/log/cert**\*

#### Informationen zu dieser Übersetzung

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