

# Installeer een SSL-certificaat via de CLI op een ESA

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## Inleiding

Dit document beschrijft hoe u een Secure Socket Layer (SSL)-certificaat kunt installeren, dat een SSL-intermediair certificaat bevat, via de CLI op een Cisco Email Security Appliance (ESA).

## Voorwaarden

Cisco raadt kennis van de volgende onderwerpen aan:

- ESA
- Alle versies van AsyncOS

## Installeer een SSL-certificaat

De ESA zal na het servercertificaat vragen om een intermediair certificaat. Indien nodig kunt u meerdere tussentijdse certificaten installeren.

Hier wordt een voorbeeld uitgevoerd.

Opmerking: Dit zijn zelfondertekende testcertificaten. Probeer ze niet te gebruiken.

```
ironport.example.com> certconfig
```

Currently using one certificate/key for receiving, delivery, HTTPS management access, and LDAP.

Choose the operation you want to perform:  
- SETUP - Configure security certificates and keys.  
[ ]> setup

Do you want to use one certificate/key for receiving, delivery, HTTPS management access, and LDAPS? [Y]>

paste cert in PEM format (end with '.'):

```
-----BEGIN CERTIFICATE-----  
MIIDuCCAqACCQD75TKsZ1SEvjanBgqhkiG9w0BAQUFADCBnTElMAkGA1UEBhMC  
WkExEDAObGNVBAgTB0dhdxRlmcxFTATBgNVBAcTDEpvaGFubmVzYnVyZzEhMB8G  
A1UEChMYSW50ZXJlZG9wV2lkZ210cyBQdHkgTHRkMRswGQYDVQDEExJob3N0Lndp  
ZGdpdHMuY28uemExJTAjbGkqhkiG9w0BCQEWFmlyb25wb3J0QHdpZGdpdHMuY28u  
emEwHhcNMDcwNDA2MTMwOTA4WhcNMDcwNDA2MTMwOTA4WjCBnTElMAkGA1UEBhMC  
WkExEDAObGNVBAgTB0dhdxRlmcxFTATBgNVBAcTDEpvaGFubmVzYnVyZzEhMB8G  
A1UEChMYSW50ZXJlZG9wV2lkZ210cyBQdHkgTHRkMRswGQYDVQDEExJob3N0Lndp  
ZGdpdHMuY28uemExJTAjbGkqhkiG9w0BCQEWFmlyb25wb3J0QHdpZGdpdHMuY28u  
emEwGggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQD24eIO1BFlcSMSP1EE  
5sn7+za3jt6joS6v1BL0HtlKS4uViwoXivX+JiiHfM7uNLakEtO7gOnZQolJsm  
aeucqgBXm2cp10j894XxWioXhZokBMlxy9mZspbMNwILxRMfbXVmFLwhLzm/eG9+J  
eWrVuV4RlhJhGx7Yn/Q1vGIkTAmjFOuCVKvGcIpn14jXPOMJdmpLpw0LUYZ1fRgR  
VYPsemKRGqOxZxeEubJw7PVPiTMGgYokIH8ImOD5OTRPUzWoEjrobnvnePYIrySjR  
yXdncKPGewkB/T3tIkpTkeGJevMZARK/36lF5edZjygVYDzfMz7Le1tXYwj80t8w  
F0rfAgMBAAEwdQYJKoZIhvcNAQEFBQADggEBAEFldNxtok5OXqripccxVhEfa  
iZCiqL4hWC9g0PZRYC7PP3DDIuPjrhF67FR/BL6LRxyZNDiBC3d4iQrue6dHPtNT  
1Dzm3/3H9cz9CZ5b1fg+2opwWa4/FcU8oYTqlArxBfSVRUusZahh/6GIvG+nnPVC  
luhYeWZkuuINsrF6urJk3uuX+Amg5/2B7wHcScsTqgif6NeDMuR9MB0lHuTc  
jiEKotwPiJ04H6lHya5MYa9dtIIRMJELfJYhKxmALhxOyfercZwqyImOh7gmH1ZtUo9/  
5mS+hDKImkNfOQ2PemlymYBtbI05bIpa5ag6VyiCETzzqNzEiInIFZ9h9sg=  
-----END CERTIFICATE-----
```

```
.  
cert = -----BEGIN CERTIFICATE-----  
MIIDuCCAqACCQD75TKsZ1SEvjanBgqhkiG9w0BAQUFADCBnTElMAkGA1UEBhMC  
WkExEDAObGNVBAgTB0dhdxRlmcxFTATBgNVBAcTDEpvaGFubmVzYnVyZzEhMB8G  
A1UEChMYSW50ZXJlZG9wV2lkZ210cyBQdHkgTHRkMRswGQYDVQDEExJob3N0Lndp  
ZGdpdHMuY28uemExJTAjbGkqhkiG9w0BCQEWFmlyb25wb3J0QHdpZGdpdHMuY28u  
emEwHhcNMDcwNDA2MTMwOTA4WhcNMDcwNDA2MTMwOTA4WjCBnTElMAkGA1UEBhMC  
WkExEDAObGNVBAgTB0dhdxRlmcxFTATBgNVBAcTDEpvaGFubmVzYnVyZzEhMB8G  
A1UEChMYSW50ZXJlZG9wV2lkZ210cyBQdHkgTHRkMRswGQYDVQDEExJob3N0Lndp  
ZGdpdHMuY28uemExJTAjbGkqhkiG9w0BCQEWFmlyb25wb3J0QHdpZGdpdHMuY28u  
emEwGggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQD24eIO1BFlcSMSP1EE  
5sn7+za3jt6joS6v1BL0HtlKS4uViwoXivX+JiiHfM7uNLakEtO7gOnZQolJsm  
aeucqgBXm2cp10j894XxWioXhZokBMlxy9mZspbMNwILxRMfbXVmFLwhLzm/eG9+J  
eWrVuV4RlhJhGx7Yn/Q1vGIkTAmjFOuCVKvGcIpn14jXPOMJdmpLpw0LUYZ1fRgR  
VYPsemKRGqOxZxeEubJw7PVPiTMGgYokIH8ImOD5OTRPUzWoEjrobnvnePYIrySjR  
yXdncKPGewkB/T3tIkpTkeGJevMZARK/36lF5edZjygVYDzfMz7Le1tXYwj80t8w  
F0rfAgMBAAEwdQYJKoZIhvcNAQEFBQADggEBAEFldNxtok5OXqripccxVhEfa  
iZCiqL4hWC9g0PZRYC7PP3DDIuPjrhF67FR/BL6LRxyZNDiBC3d4iQrue6dHPtNT  
1Dzm3/3H9cz9CZ5b1fg+2opwWa4/FcU8oYTqlArxBfSVRUusZahh/6GIvG+nnPVC  
luhYeWZkuuINsrF6urJk3uuX+Amg5/2B7wHcScsTqgif6NeDMuR9MB0lHuTc  
jiEKotwPiJ04H6lHya5MYa9dtIIRMJELfJYhKxmALhxOyfercZwqyImOh7gmH1ZtUo9/  
5mS+hDKImkNfOQ2PemlymYBtbI05bIpa5ag6VyiCETzzqNzEiInIFZ9h9sg=  
-----END CERTIFICATE-----
```

```
paste key in PEM format (end with '.'):
-----BEGIN RSA PRIVATE KEY-----
MIIePQIBAAKCAQEAA9uHiDtQRZXEjEj5RBOBDe/s2t40+o6Eur9QS9B7ZSkulLlYsK
F4r1/iYoh3z07jS2ihLTu4Dp2UKJSbJmnrnKqgV5tnKdTo/PeF8VoqF4WaJATNcc
vZmbKwZDcCC8UTH211ZhS8IS85v3hvfIXsK1bleEZYSYRse2J/0NbxijEwJoxTrg
kFZKXnCKZ5eI1zzjCXZqS6cNC1GGZX0YEVWD0npikRqjsWcXhLmycOz1T4k5hoGK
JCB/CJjg+Tk0T7s1qBI66G753j2CK8ko0cl3Z3JDxnsJAf097SJKU5BBiXrzGQES
v9+pReXnWY8oFWA83zM+y3tbV2MI/NLfmBdK3wIDAQABAoIBAQCmPpb9yznngFao
e0QNW+M5AoHm+fq7LteEWPdmYbuKNvLIgXcLQWzCdimGirnBV8evlFvlgCp4PUC7
WqGVsqBQ+xzpiaZ594cKlGS6PacQHJzV4WieF+i07YlxYOnOdymz+ZvM6uPeHSGC
Rjut+ck4g0BJKA9uYh88MD+yLr//Bqau0/H13/7Kxb337k9OwKLTgPnQe94/FPWx
d0SblUccFop/lNUuqBrjE9HUoJADZtWAigJnBm8c4mG6gx3ZY1XP6PD2Ww7tkbcR
llh/x0xP4l4Rtt3DL2PMCusl/ukMdncuBjRl68zTuuJ4dCMkcv6ATTokbFWp1Bld
fgBkmITZAoGBAP8pd3Rz30rMIndw4+ZtL/2afJSD9f0ytdZ7/mlQnutcRlCoSrbp
s5mFWXhryyzCEYHeapOX1Rjlp5CLj+2NAw30QEY07XArVxs0w/BB4TXsV/KheVqP
qDZAHTyE4BdXvtJFNougu/P5OyYuYrSekWJrApZakGiH4ggoHuSd494TAoGBAPex
dIOE10SZG4y1lD0PdTdCpVrE4UrQC3jv9SX9a6Lymp4SARJ0FwzTTHDQbgvUF7R
vL3p3TouX5SDp0RnDWMA81LNRGzSa9wtJu9yXUhn9i7xISAaguLjyDCOKg21VRsr
KaQ27kcIXmbdKNJu5ozjXz7TebJg/3NL9jtOSMmFAoGAU8Y8hwpOHMrM0XoPUZK
BFyNXIF66ReWJgZtwAwNMT8Jgv/OEAHoypXCi0vw2BAbiWUJ3s1x1IvKGSYJKjgq
8ZDo7WQBNNu17KPFVQN8OqUPNWUW/8m8s5sXPkBuBpvzdbvtJROPwglpBx8hnyWU
nBiAl/cqBHfgmUb65ZqFLusCgYEA9nEzUh/75x7HEGshwNb+cyr2RqeY2MzCfUm0
DkZkr83dHA3N6aZfjzzj011IqC87MfxQZEypdlfpdWTAKgi2gwjREFN5FpUvB/RM
xvTs5zu479+ua7i0/XZRGi54nPchBFUfseEsLrQ26PwmxijdbtRTubkrXlWwFFFB
/qPXO9kCgYEA16IFzZr79c7mHROpfaUTibrZGYQU5DggQKaGhaKN6RjI1ZvHUJS
xinp/HDHL2ce8DXsoXwE532xulQ04ZchpB46DJ19xI1XL4wBk3Mp0NYR3qRPfnzU
VD3C4qagW3Bet+2Fe4ZHamQu27TMSl0IUpcDRjYzQFUSKIv9zDWBtUk=
-----END RSA PRIVATE KEY-----
```

```
.
key = -----BEGIN RSA PRIVATE KEY-----
MIIePQIBAAKCAQEAA9uHiDtQRZXEjEj5RBOBDe/s2t40+o6Eur9QS9B7ZSkulLlYsK
F4r1/iYoh3z07jS2ihLTu4Dp2UKJSbJmnrnKqgV5tnKdTo/PeF8VoqF4WaJATNcc
vZmbKwZDcCC8UTH211ZhS8IS85v3hvfIXsK1bleEZYSYRse2J/0NbxijEwJoxTrg
kFZKXnCKZ5eI1zzjCXZqS6cNC1GGZX0YEVWD0npikRqjsWcXhLmycOz1T4k5hoGK
JCB/CJjg+Tk0T7s1qBI66G753j2CK8ko0cl3Z3JDxnsJAf097SJKU5BBiXrzGQES
v9+pReXnWY8oFWA83zM+y3tbV2MI/NLfmBdK3wIDAQABAoIBAQCmPpb9yznngFao
e0QNW+M5AoHm+fq7LteEWPdmYbuKNvLIgXcLQWzCdimGirnBV8evlFvlgCp4PUC7
WqGVsqBQ+xzpiaZ594cKlGS6PacQHJzV4WieF+i07YlxYOnOdymz+ZvM6uPeHSGC
Rjut+ck4g0BJKA9uYh88MD+yLr//Bqau0/H13/7Kxb337k9OwKLTgPnQe94/FPWx
d0SblUccFop/lNUuqBrjE9HUoJADZtWAigJnBm8c4mG6gx3ZY1XP6PD2Ww7tkbcR
llh/x0xP4l4Rtt3DL2PMCusl/ukMdncuBjRl68zTuuJ4dCMkcv6ATTokbFWp1Bld
fgBkmITZAoGBAP8pd3Rz30rMIndw4+ZtL/2afJSD9f0ytdZ7/mlQnutcRlCoSrbp
s5mFWXhryyzCEYHeapOX1Rjlp5CLj+2NAw30QEY07XArVxs0w/BB4TXsV/KheVqP
qDZAHTyE4BdXvtJFNougu/P5OyYuYrSekWJrApZakGiH4ggoHuSd494TAoGBAPex
dIOE10SZG4y1lD0PdTdCpVrE4UrQC3jv9SX9a6Lymp4SARJ0FwzTTHDQbgvUF7R
vL3p3TouX5SDp0RnDWMA81LNRGzSa9wtJu9yXUhn9i7xISAaguLjyDCOKg21VRsr
KaQ27kcIXmbdKNJu5ozjXz7TebJg/3NL9jtOSMmFAoGAU8Y8hwpOHMrM0XoPUZK
BFyNXIF66ReWJgZtwAwNMT8Jgv/OEAHoypXCi0vw2BAbiWUJ3s1x1IvKGSYJKjgq
8ZDo7WQBNNu17KPFVQN8OqUPNWUW/8m8s5sXPkBuBpvzdbvtJROPwglpBx8hnyWU
nBiAl/cqBHfgmUb65ZqFLusCgYEA9nEzUh/75x7HEGshwNb+cyr2RqeY2MzCfUm0
DkZkr83dHA3N6aZfjzzj011IqC87MfxQZEypdlfpdWTAKgi2gwjREFN5FpUvB/RM
xvTs5zu479+ua7i0/XZRGi54nPchBFUfseEsLrQ26PwmxijdbtRTubkrXlWwFFFB
/qPXO9kCgYEA16IFzZr79c7mHROpfaUTibrZGYQU5DggQKaGhaKN6RjI1ZvHUJS
xinp/HDHL2ce8DXsoXwE532xulQ04ZchpB46DJ19xI1XL4wBk3Mp0NYR3qRPfnzU
VD3C4qagW3Bet+2Fe4ZHamQu27TMSl0IUpcDRjYzQFUSKIv9zDWBtUk=
-----END RSA PRIVATE KEY-----
```

Do you want add an intermediate certificate? [N]> y

```
paste intermediate cert in PEM format (end with '.'):
-----BEGIN CERTIFICATE-----
MIIDuCCaAqACCQD75TKsZ1SEvjanBgkqhkiG9w0BAQUFADCBnTElMAkGA1UEBhMC
```

```
WkExEDAObgNVBAgTB0dhdxRlBmcxFTATBgnVBACtDEpvaGFubmVzYnVyZzEhMB8G
A1UEChMYSW50ZXJvZlZlZl0cyBQdHkgTHRkMRswGQYDVQDExJob3N0Lndp
ZGdpdHMUy28uemExJTAjBgcqhkiG9w0BCQEFmlyb25wb3J0QHdpZGdpdHMUy28u
emEwHhcNMDcwNDA2MTMwOTA4WhcNMDcwNDA2MTMwOTA4WjCBnTElMAkGA1UEBhMC
WkExEDAObgNVBAgTB0dhdxRlBmcxFTATBgnVBACtDEpvaGFubmVzYnVyZzEhMB8G
A1UEChMYSW50ZXJvZlZlZl0cyBQdHkgTHRkMRswGQYDVQDExJob3N0Lndp
ZGdpdHMUy28uemExJTAjBgcqhkiG9w0BCQEFmlyb25wb3J0QHdpZGdpdHMUy28u
emEwgGgEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQD24eIO1BF1cSMSP1EE
5sN7+za3jT6joS6v1BL0Ht1kS4uViwoXivX+JiiHfM7uNLAKEtO7gOnZQolJsmae
ucqgBXm2cpl0j894XxWioXhZokBMLxy9mZspBMNwILxRMfbXVmFLwhLzm/eG9+Je
wrVuV4RlhJhGx7Yn/Q1vGIkTAmjFOuQVkrGcIpn14jXPOMJdmpLpw0LUYZ1fRgR
VYPSemKRgQoxZxeEubJw7PVPiTMGgYokIH8ImOD50TRPuzWoEjrobnvnePYIrySjR
yXdnckPGewkB/T3tIkpTkEGJevMZARK/361F5edZjygVYDzfMz7Le1tXYwj80t8w
F0rfAgMBAAEwdQYJKoZIhvcNAQEFBQADggEBAEFldNxToK5OXqripccxEVhEfai
zCiQqL4hWc9g0PZRyC7PP3DDIuPjrhF67FR/BL6LRxyZNDiBC3d4iQrue6dHPTNT
1Dzm3/3H9cz9CZ5blfg+2opwWa4/FcU8oYTqlArxBfSVRUusZahh/6GIvG+nnPvc
luhYeWZkuuINsrF6urJk3uuX+Amg5/2B7wHcScsTqgif6NeDMuR9MB0lHuTcjIEK
otwPij04H6lHya5MYa9dtIIRMJELfJYhkxmALhxOyfercZwqyImOh7gmH1ZtUo9/
5mS+hDKImkNfOQ2PemlyMBtBI05bIpa5ag6VyiCETzzqNzEiInIFZ9h9sg=
-----END CERTIFICATE-----
```

```
.
intermediate cert = -----BEGIN CERTIFICATE-----
MIIDuCCAqACCQD75TKsZ1SEvjANBgkqhkiG9w0BAQUFADCBnTElMAkGA1UEBhMC
WkExEDAObgNVBAgTB0dhdxRlBmcxFTATBgnVBACtDEpvaGFubmVzYnVyZzEhMB8G
A1UEChMYSW50ZXJvZlZlZl0cyBQdHkgTHRkMRswGQYDVQDExJob3N0Lndp
ZGdpdHMUy28uemExJTAjBgcqhkiG9w0BCQEFmlyb25wb3J0QHdpZGdpdHMUy28u
emEwHhcNMDcwNDA2MTMwOTA4WhcNMDcwNDA2MTMwOTA4WjCBnTElMAkGA1UEBhMC
WkExEDAObgNVBAgTB0dhdxRlBmcxFTATBgnVBACtDEpvaGFubmVzYnVyZzEhMB8G
A1UEChMYSW50ZXJvZlZlZl0cyBQdHkgTHRkMRswGQYDVQDExJob3N0Lndp
ZGdpdHMUy28uemExJTAjBgcqhkiG9w0BCQEFmlyb25wb3J0QHdpZGdpdHMUy28u
emEwgGgEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQD24eIO1BF1cSMSP1EE
5sN7+za3jT6joS6v1BL0Ht1kS4uViwoXivX+JiiHfM7uNLAKEtO7gOnZQolJsmae
ucqgBXm2cpl0j894XxWioXhZokBMLxy9mZspBMNwILxRMfbXVmFLwhLzm/eG9+Je
wrVuV4RlhJhGx7Yn/Q1vGIkTAmjFOuQVkrGcIpn14jXPOMJdmpLpw0LUYZ1fRgR
VYPSemKRgQoxZxeEubJw7PVPiTMGgYokIH8ImOD50TRPuzWoEjrobnvnePYIrySjR
yXdnckPGewkB/T3tIkpTkEGJevMZARK/361F5edZjygVYDzfMz7Le1tXYwj80t8w
F0rfAgMBAAEwdQYJKoZIhvcNAQEFBQADggEBAEFldNxToK5OXqripccxEVhEfai
zCiQqL4hWc9g0PZRyC7PP3DDIuPjrhF67FR/BL6LRxyZNDiBC3d4iQrue6dHPTNT
1Dzm3/3H9cz9CZ5blfg+2opwWa4/FcU8oYTqlArxBfSVRUusZahh/6GIvG+nnPvc
luhYeWZkuuINsrF6urJk3uuX+Amg5/2B7wHcScsTqgif6NeDMuR9MB0lHuTcjIEK
otwPij04H6lHya5MYa9dtIIRMJELfJYhkxmALhxOyfercZwqyImOh7gmH1ZtUo9/
5mS+hDKImkNfOQ2PemlyMBtBI05bIpa5ag6VyiCETzzqNzEiInIFZ9h9sg=
-----END CERTIFICATE-----
```

Currently using one certificate/key for receiving, delivery, HTTPS management access, and LDAP.

Choose the operation you want to perform:  
- SETUP - Configure security certificates and keys.  
[]>

**Opmerking: Raadpleeg het gedeelte [Certificaten verkrijgen](#) van de e-mailgebruikershandleiding voor meer informatie over het verkrijgen en installeren van certificaten.**

## Gerelateerde informatie

- [Gebruikershandleiding AsyncOS](#)
- [Technische ondersteuning en documentatie – Cisco Systems](#)