

ESA의 CLI를 통해 SSL 인증서 설치

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소개

이 문서에서는 Cisco ESA(Email Security Appliance)의 CLI를 통해 SSL 중간 인증서를 포함하는 SSL(Secure Sockets Layer) 인증서를 설치하는 방법에 대해 설명합니다.

사전 요구 사항

다음 주제에 대한 지식을 보유하고 있으면 유용합니다.

- ESA
- 모든 버전의 AsyncOS

SSL 인증서 설치

ESA는 서버 인증서 후에 중간 인증서를 묻는 메시지를 표시합니다.필요한 경우 둘 이상의 중간 인증서를 설치할 수 있습니다.

다음은 출력의 예입니다.

참고: 자체 서명 테스트 인증서입니다. 사용하지 마십시오.

```
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-----
MIIDuCCAqACCQD75TKsZ1SEvjANBgkqhkiG9w0BAQUFADCBnTELMakGA1UEBhMC
WkExEDAObgNVBAGTB0dhdXRlbmcxFTATBgNVBACTEpvaGFubmVzYnVyZzEhMB8G
A1UEChMYSW50ZXJ1ZXQgV2lkZ210cyBQdHkgTHRkMRswGQYDVQDExJob3N0Lndp
ZGdpdHMUy28uemExJTAjBkgkqhkiG9w0BCQEWfml5b25wb3J0QHdpZGdpdHMUy28u
emEwHhcNMDcwNDA2MTMwOTA4WhcNMDcwNDA2MTMwOTA4WjCBnTELMakGA1UEBhMC
WkExEDAObgNVBAGTB0dhdXRlbmcxFTATBgNVBACTEpvaGFubmVzYnVyZzEhMB8G
A1UEChMYSW50ZXJ1ZXQgV2lkZ210cyBQdHkgTHRkMRswGQYDVQDExJob3N0Lndp
ZGdpdHMUy28uemExJTAjBkgkqhkiG9w0BCQEWfml5b25wb3J0QHdpZGdpdHMUy28u
emEwgGgEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQQD24eIO1BF1cSMSP1EE
5sN7+za3jT6joS6v1BL0Ht1Ks4uViwoXivX+JiiHfM7uNLakEtO7gOnZQolJsmae
ucqqBxm2cpl0j894XxWioXhZokBM1xy9mZspbMNwILxRMfbXVmFLwhLzm/eG9+Je
wrVuV4RlhJhGx7Yn/Q1vGIkTAmjFOuCQVkrGcIpn14jXPOMJdmpLpw0LUYZ1fRgR
VYPSemKRgqOxZxeEubJw7PVPiTMGgYokIH8ImOD50TRPuzWoEjrobnvnePYIrySjR
yXdnckPGewk/B/T3tIkpTkEGJevMZARK/361F5edZjygVYDzfMz7Le1tXYwj80t8w
F0rfAgMBAAEwDQYJKoZIhvcNAQEFBQADggEBAEFldNxToK5OXqripccxEVhEfai
zCiQqL4hWC9g0PZRyC7PP3DDIuPjrhF67FR/BL6LRxyZNDiBC3d4iQrue6dHPTNT
1Dzm3/3H9cz9CZ5blfg+2opwWa4/FcU8oYTqlArxBfSVRUusZahh/6GIvG+nnPvc
luhYeWZkkuINSrF6urJk3uuX+Amg5/2B7wHcScsTqgif6NeDMuR9MB0lHuTcjiEK
otwPij04H6lHya5MYa9dtIIRMJELfJYhkxmALhxOyfercZwqyImOh7gmH1ZtUo9/
5mS+hDKImkNfOQ2PemlymYBtbI05bIpa5ag6VyiCETzzqNzEiInIFZ9h9sg=
-----END CERTIFICATE-----
```

```
cert = -----BEGIN CERTIFICATE-----
MIIDuCCAqACCQD75TKsZ1SEvjANBgkqhkiG9w0BAQUFADCBnTELMakGA1UEBhMC
WkExEDAObgNVBAGTB0dhdXRlbmcxFTATBgNVBACTEpvaGFubmVzYnVyZzEhMB8G
A1UEChMYSW50ZXJ1ZXQgV2lkZ210cyBQdHkgTHRkMRswGQYDVQDExJob3N0Lndp
ZGdpdHMUy28uemExJTAjBkgkqhkiG9w0BCQEWfml5b25wb3J0QHdpZGdpdHMUy28u
emEwHhcNMDcwNDA2MTMwOTA4WhcNMDcwNDA2MTMwOTA4WjCBnTELMakGA1UEBhMC
WkExEDAObgNVBAGTB0dhdXRlbmcxFTATBgNVBACTEpvaGFubmVzYnVyZzEhMB8G
A1UEChMYSW50ZXJ1ZXQgV2lkZ210cyBQdHkgTHRkMRswGQYDVQDExJob3N0Lndp
ZGdpdHMUy28uemExJTAjBkgkqhkiG9w0BCQEWfml5b25wb3J0QHdpZGdpdHMUy28u
emEwgGgEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQQD24eIO1BF1cSMSP1EE
5sN7+za3jT6joS6v1BL0Ht1Ks4uViwoXivX+JiiHfM7uNLakEtO7gOnZQolJsmae
ucqqBxm2cpl0j894XxWioXhZokBM1xy9mZspbMNwILxRMfbXVmFLwhLzm/eG9+Je
wrVuV4RlhJhGx7Yn/Q1vGIkTAmjFOuCQVkrGcIpn14jXPOMJdmpLpw0LUYZ1fRgR
VYPSemKRgqOxZxeEubJw7PVPiTMGgYokIH8ImOD50TRPuzWoEjrobnvnePYIrySjR
yXdnckPGewk/B/T3tIkpTkEGJevMZARK/361F5edZjygVYDzfMz7Le1tXYwj80t8w
F0rfAgMBAAEwDQYJKoZIhvcNAQEFBQADggEBAEFldNxToK5OXqripccxEVhEfai
zCiQqL4hWC9g0PZRyC7PP3DDIuPjrhF67FR/BL6LRxyZNDiBC3d4iQrue6dHPTNT
1Dzm3/3H9cz9CZ5blfg+2opwWa4/FcU8oYTqlArxBfSVRUusZahh/6GIvG+nnPvc
luhYeWZkkuINSrF6urJk3uuX+Amg5/2B7wHcScsTqgif6NeDMuR9MB0lHuTcjiEK
otwPij04H6lHya5MYa9dtIIRMJELfJYhkxmALhxOyfercZwqyImOh7gmH1ZtUo9/
5mS+hDKImkNfOQ2PemlymYBtbI05bIpa5ag6VyiCETzzqNzEiInIFZ9h9sg=
-----END CERTIFICATE-----
```

paste key in PEM format (end with '.')

```
-----BEGIN RSA PRIVATE KEY-----
MIIEpQIBAAKCAQEa9uHiDtQRZXEjEj5RBObDe/s2t40+o6Eur9QS9B7ZSkulLYsK
```

```
F4r1/iYoh3z07jS2ihLTu4Dp2UKJSbJmnrnKqgV5tnKdTo/PeF8VoqF4WaJATNcc
vZmbKwZDcCC8UTH211ZhS8IS85v3hvfIXsK1blEZYsYRse2J/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-----

```
MIIEpQIBAACAQEA9uHiDtQRZXEJEj5RBObDe/s2t40+o6Eur9QS9B7ZSkulLlYsK
F4r1/iYoh3z07jS2ihLTu4Dp2UKJSbJmnrnKqgV5tnKdTo/PeF8VoqF4WaJATNcc
vZmbKwZDcCC8UTH211ZhS8IS85v3hvfIXsK1blEZYsYRse2J/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-----

```
MIIDuCCAqACCQD75TKsZ1SEvJANBgkqhkiG9w0BAQUFADCBnTElMAkGA1UEBhMC
WkExEDAOBgNVBAGTB0dhdXRlbmcxFTATBgNVBAcTDEpvaGFubmVzYnVyZzEhMB8G
A1UEChMYSW50ZXJvZmVzZmVzZmVzZmVzZmVzZmVzZmVzZmVzZmVzZmVzZmVzZmVz
ZGdpdHMUy28uemExJTAjBgkqhkiG9w0BCQEFMlyb25wb3J0QHdpZGdpdHMUy28u
```


- [AsyncOS 이메일 사용 설명서](#)
- [기술 지원 및 문서 - Cisco Systems](#)