

通过在ESA的CLI安装SSL证书

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简介

本文描述如何通过思科电子邮件安全工具(ESA)的CLI安装安全套接字协议层(SSL)证书，包括SSL中间证书。

Prerequisites

Cisco 建议您了解以下主题：

- ESA
- AsyncOS所有版本

安装SSL证书

ESA将提示输入中间证书在服务器证书以后。若需要，您能安装超过一中间证书。

这是示例输出。

Note:这些是自己签署的测试认证。请勿设法使用他们。

```
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-----
MIIDuCCAqACCQD75TKsZ1SEvjANBqkqhkig9w0BAQUFADCBnTELMakGAlUEBhMC
WkExEDAObgNVBAGTB0dhDXRlbcxFTATBgNVBAcTEpvaGFubmVzYnVyZzEhMB8G
A1UEChMYSW50ZXJvZm9udG9zaW9uZGU4YmVudG9zaW9uZGU4YmVudG9zaW9u
ZGU4YmVudG9zaW9uZGU4YmVudG9zaW9uZGU4YmVudG9zaW9uZGU4YmVudG9zaW9u
emEwHhcnNDcwNDA2MTMwOTA4WHcNNDcwNTA2MTMwOTA4WjCBnTELMakGAlUEBhMC
WkExEDAObgNVBAGTB0dhDXRlbcxFTATBgNVBAcTEpvaGFubmVzYnVyZzEhMB8G
A1UEChMYSW50ZXJvZm9udG9zaW9uZGU4YmVudG9zaW9uZGU4YmVudG9zaW9u
ZGU4YmVudG9zaW9uZGU4YmVudG9zaW9uZGU4YmVudG9zaW9uZGU4YmVudG9zaW9u
emEwgGElMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQA24eIO1BFlcSMSP1EE
5sn7+za3jT6joS6v1BL0HtLKS4uViwoXivX+JiiHfM7uNLakEtO7gOnZQoLJsmae
ucqgBxm2cpl0j894XxWioXhZokBMLxy9mZspbMNwILxRMfbXVmFLwhLzm/eG9+Je
wrVuV4RlhJhGx7Yn/Q1vGIkTAmjFOuQVkrGcIpnl4jXPOMJdmpLpw0LUYZ1fRgR
VYPSemKRGqOxZxeEubJw7PVPiTmGgYokIH8ImOD50TRPuzWoEjrobnvnePYIrySjR
yXdnckPGewk/B/T3tIkpTkEGJevMZARK/36lF5edZjygvYDzfMz7Le1tXYWj80t8w
F0rfAgMBAEEwDQYJKoZIhvcNAQEFBQADggEBAEFldNxtOK5OXqripccxEVhEfai
zCiQqL4hWC9g0PZRyC7PP3DDIUjprhF67FR/BL6LRxyZNDiBC3d4iQrue6dHPTNT
1Dzm3/3H9cz9CZ5b1fg+2opwWa4/FcU8oYTqlArxBfSVRUusZahh/6GIvG+nnPvc
luhYeWZkuuINsrF6urJk3uuX+Amg5/2B7wHcScsTqgG6NedMuR9MB0lHuTcjiEK
otwPijO4H6lHyA5MYa9dtIIRMJELfJYhkxMALhxOyfercZwqyImOh7gmH1ZtUo9/
5mS+hDKImkNfOQ2PemlymYBtbI05bIpa5ag6VyiCETzzqNzEiInIFZ9h9sg=
-----END CERTIFICATE-----
```

```
cert = -----BEGIN CERTIFICATE-----
MIIDuCCAqACCQD75TKsZ1SEvjANBqkqhkig9w0BAQUFADCBnTELMakGAlUEBhMC
WkExEDAObgNVBAGTB0dhDXRlbcxFTATBgNVBAcTEpvaGFubmVzYnVyZzEhMB8G
A1UEChMYSW50ZXJvZm9udG9zaW9uZGU4YmVudG9zaW9uZGU4YmVudG9zaW9u
ZGU4YmVudG9zaW9uZGU4YmVudG9zaW9uZGU4YmVudG9zaW9uZGU4YmVudG9zaW9u
emEwHhcnNDcwNDA2MTMwOTA4WHcNNDcwNTA2MTMwOTA4WjCBnTELMakGAlUEBhMC
WkExEDAObgNVBAGTB0dhDXRlbcxFTATBgNVBAcTEpvaGFubmVzYnVyZzEhMB8G
A1UEChMYSW50ZXJvZm9udG9zaW9uZGU4YmVudG9zaW9uZGU4YmVudG9zaW9u
ZGU4YmVudG9zaW9uZGU4YmVudG9zaW9uZGU4YmVudG9zaW9uZGU4YmVudG9zaW9u
emEwgGElMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQA24eIO1BFlcSMSP1EE
5sn7+za3jT6joS6v1BL0HtLKS4uViwoXivX+JiiHfM7uNLakEtO7gOnZQoLJsmae
ucqgBxm2cpl0j894XxWioXhZokBMLxy9mZspbMNwILxRMfbXVmFLwhLzm/eG9+Je
wrVuV4RlhJhGx7Yn/Q1vGIkTAmjFOuQVkrGcIpnl4jXPOMJdmpLpw0LUYZ1fRgR
VYPSemKRGqOxZxeEubJw7PVPiTmGgYokIH8ImOD50TRPuzWoEjrobnvnePYIrySjR
yXdnckPGewk/B/T3tIkpTkEGJevMZARK/36lF5edZjygvYDzfMz7Le1tXYWj80t8w
F0rfAgMBAEEwDQYJKoZIhvcNAQEFBQADggEBAEFldNxtOK5OXqripccxEVhEfai
zCiQqL4hWC9g0PZRyC7PP3DDIUjprhF67FR/BL6LRxyZNDiBC3d4iQrue6dHPTNT
1Dzm3/3H9cz9CZ5b1fg+2opwWa4/FcU8oYTqlArxBfSVRUusZahh/6GIvG+nnPvc
luhYeWZkuuINsrF6urJk3uuX+Amg5/2B7wHcScsTqgG6NedMuR9MB0lHuTcjiEK
otwPijO4H6lHyA5MYa9dtIIRMJELfJYhkxMALhxOyfercZwqyImOh7gmH1ZtUo9/
5mS+hDKImkNfOQ2PemlymYBtbI05bIpa5ag6VyiCETzzqNzEiInIFZ9h9sg=
-----END CERTIFICATE-----
```

```
paste key in PEM format (end with '.'):
-----BEGIN RSA PRIVATE KEY-----
MIIIEpQIBAACAQEA9uHiDtQRZXEjej5RBObDe/s2t40+o6Eur9Qs9B7ZSkullYsK
F4r1/iYoh3z07js2ihLTu4Dp2UKJSbJmnrnKqgV5tnKdTo/PeF8VoqF4WaJATNcc
```

```
vZmbKWzDcCC8UTH211ZhS8IS85v3hvfIxsK1b1eEZYSYRse2J/0NbxiJEwJoxTrg
kFZKXnCKZ5eI1zzjCXZqS6cNc1GGZX0YEVWD0npikRqjsWcXhLmycOz1T4k5hoGK
JCB/CJjg+Tk0T7s1qBI66G753j2CK8ko0cl3Z3JDxnsJAf097SJKU5BBiXrzGQES
v9+pReXnWY8oFWA83zM+y3tbV2MI/NLfMBdK3WIDAQABAoIBAQCmPpb9yznnqFao
e0QNW+M5AoHm+fq7LteEWPdmYbuKNvLIgXcLQWzCdimGirnBV8evlFvlgCp4PUC7
WqGVsqBQ+xzpziaz594cK1GS6PacQHJzV4WieF+i07YlxYOnOdymz+ZvM6uPeHSGC
Rjut+ck4g0BJKA9uYh88MD+yIrl//Bqau0/H13/7Kxb337k9OwKLtgPnQe94/FPWx
d0SblUccFop/1NUuqBrJE9HUojADZtWAigJnBm8c4mG6gx3ZY1XP6PD2Ww7tkbcR
llh/x0xP414Rtt3DL2PMCusl/ukMdncuBjRl68zTuuJ4dCMkcv6ATTokbFwP1B1d
fgBkmITZAoGBAP8pd3Rz30rMIndw4+ZtL/2afJSD9f0ytdZ7/mlQnutcRlCoSrbp
s5mFWXhryyzCEYHeapOX1Rjlp5CLj+2NAw30QEY07XArVxs0w/BB4TXsV/KheVqP
qDZAHTyE4BdXvtJFNougu/P5OyYuYrSekWJrApZakGiH4ggoHuSd494TAoGBAPex
dIOE10SZG4y11D0PdTdCpVre4UrQC3jV9SX9a6LymaP4SARJ0FwzTTHDQbgvUF7R
vL3p3TouX5SDp0RnDWMA81LNRGzSa9wtJu9yXUhn9i7xISAaguLjyDCOKg21VRsr
KaQ27kcIXmbdKNJu5ozjXz7TebJg/3NL9jtosMmFAoGAU8Y8hwp0HHmrM0XoPUZK
BFyNXIF66ReWJgZtwAwNMT8Jgv/OEAHoypXCi0vw2BAbiWUJ3s1x1IvKGSYJKjgg
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-----
MIIEpQIBAACAQEAA9uHiDtQRZXEJEj5RBObDe/s2t40+o6Eur9QS9B7ZSkulLYsK
F4r1/iYoh3z07jS2ihLTu4Dp2UKJSbJmnrnKqgV5tnKdTo/PeF8VoqF4WaJATNcc
vZmbKWzDcCC8UTH211ZhS8IS85v3hvfIxsK1b1eEZYSYRse2J/0NbxiJEwJoxTrg
kFZKXnCKZ5eI1zzjCXZqS6cNc1GGZX0YEVWD0npikRqjsWcXhLmycOz1T4k5hoGK
JCB/CJjg+Tk0T7s1qBI66G753j2CK8ko0cl3Z3JDxnsJAf097SJKU5BBiXrzGQES
v9+pReXnWY8oFWA83zM+y3tbV2MI/NLfMBdK3WIDAQABAoIBAQCmPpb9yznnqFao
e0QNW+M5AoHm+fq7LteEWPdmYbuKNvLIgXcLQWzCdimGirnBV8evlFvlgCp4PUC7
WqGVsqBQ+xzpziaz594cK1GS6PacQHJzV4WieF+i07YlxYOnOdymz+ZvM6uPeHSGC
Rjut+ck4g0BJKA9uYh88MD+yIrl//Bqau0/H13/7Kxb337k9OwKLtgPnQe94/FPWx
d0SblUccFop/1NUuqBrJE9HUojADZtWAigJnBm8c4mG6gx3ZY1XP6PD2Ww7tkbcR
llh/x0xP414Rtt3DL2PMCusl/ukMdncuBjRl68zTuuJ4dCMkcv6ATTokbFwP1B1d
fgBkmITZAoGBAP8pd3Rz30rMIndw4+ZtL/2afJSD9f0ytdZ7/mlQnutcRlCoSrbp
s5mFWXhryyzCEYHeapOX1Rjlp5CLj+2NAw30QEY07XArVxs0w/BB4TXsV/KheVqP
qDZAHTyE4BdXvtJFNougu/P5OyYuYrSekWJrApZakGiH4ggoHuSd494TAoGBAPex
dIOE10SZG4y11D0PdTdCpVre4UrQC3jV9SX9a6LymaP4SARJ0FwzTTHDQbgvUF7R
vL3p3TouX5SDp0RnDWMA81LNRGzSa9wtJu9yXUhn9i7xISAaguLjyDCOKg21VRsr
KaQ27kcIXmbdKNJu5ozjXz7TebJg/3NL9jtosMmFAoGAU8Y8hwp0HHmrM0XoPUZK
BFyNXIF66ReWJgZtwAwNMT8Jgv/OEAHoypXCi0vw2BAbiWUJ3s1x1IvKGSYJKjgg
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
WkExEDA0BgNVBAGTB0dhdxRlbnMhXmFATBGNVBAcTDEpvaGFubmVzYnV5ZzEhMB8G
A1UEChMYSW50ZXJ1ZGUyV2lkZ210cyBQdHkgTHRkMRswGQYDVQDExJob3N0Lndp
ZGdpdHMmY28uemExJTAjBgkqhkiG9w0BCQEFMlyb25wb3J0QHdpZGdpdHMmY28u
emEwHhcnNDcwNDA2MTMwOTA4WHcnNDcwNDA2MTMwOTA4WjCBnTElMAkGA1UEBhMC
```

```
WkExEDAObgNVBAgTB0dhdxRlbnmcxFTATBgNVBACTEpvaGFubmVzYnVyZzEhMB8G
A1UEChMYSW50ZXJvZmVudG9wZGdpcGdpdHMUy28uemEwEgEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQD24eIO1BF1cSMSP1EE
5sN7+za3jT6joS6v1BL0Ht1KS4uViwoXivX+JiiHfM7uNLAKetO7gOnZQolJsmae
ucqgBxm2cp10j894XxWioXhZokBM1xy9mZspbMNwILxRMfbXVmFLwhLzm/eG9+Je
wrVuV4RlhJhGx7Yn/Q1vGIkTAmjFOuQVkrGcIpn14jXPOMJdmpLpw0LUYZ1fRgR
VYPSemKRgqOxZxeEubJw7PVPiTMGgYokIH8ImOD50TRPuzWoEjrobnvnePYIrySjR
yXdnckPGewkB/T3tIkpTkEGJevMZARK/361F5edZjygVYDzfMz7Le1tXYwj80t8w
F0rfAgMBAAEwdQYJKoZIhvcNAQEFBQADggEBAEfFldNXTok5OXqripccxEVhEfaiz
CiQqL4hWC9g0PZRyC7PP3DDIuPjrhF67FR/BL6LRxyZNDiBC3d4iQrue6dHPTNT
1Dzm3/3H9cz9CZ5b1fg+2opwWa4/FcU8oYTqlArxBfSVRUusZahh/6GIvG+nnPvc
luhYeWZkuuINsrF6urJk3uuX+Amg5/2B7wHcScsTqgif6NeDMuR9MB0lHuTcjiEK
otwPij04H6lHya5MYa9dtIIRMJELfJYhKxmALhxOyfercZwqyImOh7gmH1ZtUo9/
5mS+hDKImkNfOQ2PemlymYBtbI05bIpa5ag6VyicETzzqNzEiInIFZ9h9sg=
-----END CERTIFICATE-----
```

```
intermediate cert = -----BEGIN CERTIFICATE-----
MIIDuCCAqACCQD75TKsZ1SEvjANBgkqhkiG9w0BAQUFADCBnTELMakGA1UEBhMC
WkExEDAObgNVBAgTB0dhdxRlbnmcxFTATBgNVBACTEpvaGFubmVzYnVyZzEhMB8G
A1UEChMYSW50ZXJvZmVudG9wZGdpcGdpdHMUy28uemEwEgEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQD24eIO1BF1cSMSP1EE
5sN7+za3jT6joS6v1BL0Ht1KS4uViwoXivX+JiiHfM7uNLAKetO7gOnZQolJsmae
ucqgBxm2cp10j894XxWioXhZokBM1xy9mZspbMNwILxRMfbXVmFLwhLzm/eG9+Je
wrVuV4RlhJhGx7Yn/Q1vGIkTAmjFOuQVkrGcIpn14jXPOMJdmpLpw0LUYZ1fRgR
VYPSemKRgqOxZxeEubJw7PVPiTMGgYokIH8ImOD50TRPuzWoEjrobnvnePYIrySjR
yXdnckPGewkB/T3tIkpTkEGJevMZARK/361F5edZjygVYDzfMz7Le1tXYwj80t8w
F0rfAgMBAAEwdQYJKoZIhvcNAQEFBQADggEBAEfFldNXTok5OXqripccxEVhEfaiz
CiQqL4hWC9g0PZRyC7PP3DDIuPjrhF67FR/BL6LRxyZNDiBC3d4iQrue6dHPTNT
1Dzm3/3H9cz9CZ5b1fg+2opwWa4/FcU8oYTqlArxBfSVRUusZahh/6GIvG+nnPvc
luhYeWZkuuINsrF6urJk3uuX+Amg5/2B7wHcScsTqgif6NeDMuR9MB0lHuTcjiEK
otwPij04H6lHya5MYa9dtIIRMJELfJYhKxmALhxOyfercZwqyImOh7gmH1ZtUo9/
5mS+hDKImkNfOQ2PemlymYBtbI05bIpa5ag6VyicETzzqNzEiInIFZ9h9sg=
-----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.
[]>

Note: 参考电子邮件用户指南的**获取的Certificates**部分关于如何获取和安装certificates的更多信息。

相关信息

- [AsyncOS电子邮件用户指南](#)

- [技术支持和文档 - Cisco Systems](#)