

如何安装在SMA的证书？

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简介

本文描述如何安装在安全管理设备(SMA)的证书。

[先决条件](#)

SMA不支持一证书的生成直接地在设备。您将需要生成从ESA的自签名证书按照[如何生成和安装在SMA的一数字证书说明](#)。

您必须有这些项目可用在PEM格式：

- X.509 证书
- 匹配您的证书的专用密钥
- 您提供的任何半成品证书认证机关

证书可以用于四不同服务：

- 进站TLS
- 出站TLS
- HTTPS
- LDAP

注意： 您能选择到使用所有四服务或使用分开的证书的同证书其中每一的。

安装证书

为了开始，您首先将需要通过CLI访问您的SMA。这可以通过telnet或一个SSH客户端执行例如PuTTY。

一旦登录CLI，完成这些步骤：

1. 发出certconfig命令。

2. 发出**setup**命令。
3. 是否选择使用同一证书所有功能或分离证书。
4. 当提示，请粘贴每个项目到CLI窗口。
5. 输入”。独自地线路为了表明执行粘贴当前项目的您(参见“示例”部分)。
6. 请务必输入所有半成品证书，当提示如此执行。
7. 当您执行时，请按回车为了返回到主要提示。
8. 发出**commit**命令。

注意：当您执行在Microsoft Windows时的一个证书安装，您也许需要打开您的与Wordpad或Notepad++的证书，而不是Notepad。

注意：因为这立即取消您的更改，请勿退出与Ctrl+C的**certconfig**命令。

示例

```
sma.example.com> certconfig
```

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

```
.  
Choose the operation you want to perform:
```

- SETUP - Configure security certificates and keys.
- PRINT - Display configured certificates/keys.
- CLEAR - Clear configured certificates/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-----
```

```
MIIDmTCCAwKqAwIBAqIJAP3xcsDFYVsFMA0GCSqGSIb3DQEBBQUAMIGOMswCOYD  
VOQGEWJVUZELMAkGA1UECBMCOExEjAOBgNVBAcTCVNHbiBCcnVubzEiMCAGALUE  
ChMZSXJvblBvcnQqQ3VzdG9tZXIqU2VydmljZTEXMBUGA1UEAxMOQ21zY28qSXJv  
blBvcnQqXzAhBgkqhkiG9w0BCQEFHl1cHBvcnRAaXJvbnBvcnQuY29tMB4XDTA5  
MTAwMjE5NDkxOVowMTAwMjE5NDkxOVowqZAxClAkJBQNVBAYTALVTMOswCOYD  
VQOIEdWJDQTESMBAGALUEBxMjU2FuIEJydW5vMSIwIAYDVQOKElJcm9uUG9ydCBD  
dXN0b211ciBTZXJ2aWN1MRcwFOYDVQDEw5DaXNjbyBjcm9uUG9ydDEjMCEGCSqG  
SIB3DQEJARYUc3VwcG9ydEBpcm9ucG9ydC5jb20wqZ8wDQYJKoZIhvcNAQEBBQAD  
qY0AMIGJAoGBAMHw08rHx1a2NeJpWzTeVQH09q77zOelp6vrcVxi jhOH4+k3LrFD  
wd+q94X+T6/ZJ/pjNgk jrncEw0I96yvlCwpAeReaWX4rLCyMyU/BGdKfCVNPK/b  
oNioS9lADh1L+XRyPeBG1YIM+EEK5wuOzOP8NOH3uf7jq1aiqsOqV9sHAqMBAAGj  
qfgwqfUwHOYDVR0OBBYEFfEYSbf9JvO+AvNalXiORrA3x4D8VMIHFBqNVHSMEqb0w  
qbqAFEYSbf9JvO+AvNalXiORrA3x4D8VoYGWpIGTMIGOMswCOYDVOQGEWJVUZEL  
MAkGA1UECBMCOExEjAOBgNVBAcTCVNHbiBCcnVubzEiMCAGALUEChMZSXJvblBv  
cnQqQ3VzdG9tZXIqU2VydmljZTEXMBUGA1UEAxMOQ21zY28qSXJvblBvcnQqXzAh  
BgkqhkiG9w0BCQEFHl1cHBvcnRAaXJvbnBvcnQuY29tqqkA/fFywMVhWwUwDAYD  
VR0TBAUwAwEB/zANBgkqhkiG9w0BAQouFAAQBQcKcmkdl+SMIGs9JcN1IT/olQan  
9zd5BkrRAVKq47pJnHbkFpDnGoHGEo2hRhXYXfrCFwpOkkd2b/iR154qhcK6xwnH  
tF3tVznyiBIWBUvt+vPiqHfNlmTCdIVhawz6YVs+0YAOanxObdbCM0T6tI3CaAJul  
0oL+HfZjr4m900PG8A==
```

```
-----END CERTIFICATE-----
```

```
.  
cert = -----BEGIN CERTIFICATE-----
```

```
MIIDmTCCAwKqAwIBAqIJAP3xcsDFYVsFMA0GCSqGSIb3DQEBBQUAMIGOMswCOYD  
VOQGEWJVUZELMAkGA1UECBMCOExEjAOBgNVBAcTCVNHbiBCcnVubzEiMCAGALUE
```

ChMZSXJvblBvcnOqQ3VzdG9tZXIqU2VydmlljzTEXMBUGA1UEAxMOQ21zY28qSXJvblBvcnOqIzAhBqkqhkiG9w0BCQEFWfHN1cHBvcnRAaXJvbnBvcnQuY29tMB4XDTA5MTAwMjE5NDkxOVowXDTFwMTAwMjE5NDkxOVowqZAxCzAJBqNVBAYTAlVTMQswCOYDVOQIEwJDQTESMBAGA1UEBxMjU2FuIEJydW5vMSIwIAYDVQOKExlJcm9uUG9ydCBDdXN0b211ciBTZXJ2aWNlMRcwFOYDVQDEw5DaXNjbyBjcm9uUG9ydDEjMCEGCSqGSIb3DQEJARYUc3VwG9ydEBpcm9ucG9ydC5jb20wqZ8wDQYJKoZIhvcNAQEBBQADgY0AMIGJAoGBAMHw08rHx1a2NeJpwzTeVQH09q77zQe1p6vrcVxiJhOH4+k3Lrfdwd+q94X+T6/ZJ/pJNqkjrncEw0I96yvlCwpAeReaWX4rLCyMyU/BGdKfCVNPWK/bONioS91ADh1L+XRyPeBG1YIM+EeK5wuQzOP8NOH3uf7jq1aiqsOqV9sHAqMBAAGjgfwqfUwHOYDVR0OBByEFeySbf9JvO+AvNalXiORrA3x4D8VMIHFBqNVHSMEqb0wgbqAFEYsbf9JvO+AvNalXiORrA3x4D8VoYgWpIGTMIGOMQswCOYDVQGEwJVUzELMAKGA1UECBMCOEExEjAQBqNVBAcTCVNhbiBCcnVubzEiMCAGA1UEChMZSXJvblBvcnOqQ3VzdG9tZXIqU2VydmlljzTEXMBUGA1UEAxMOQ21zY28qSXJvblBvcnOqIzAhBqkqhkiG9w0BCQEFWfHN1cHBvcnRAaXJvbnBvcnQuY29tqqa/fFywMVhWwUwDAYDVR0TBAAUwAwEB/zANBqkqhkiG9w0BAQUFAAOBqQCKcMkd1+SMIGs9JcN1IT/o1Qan9zd5BkrRAVKq47pJnHbkFpDnGoHGEo2hRhXYXfrCFwpOkkd2b/iRl54qhcK6xwnHtF3tvznyBIWBUvt+vPIqHfNlMTcdIVhawz6YVs+0YAQanxObdbCM0T6tI3CaAJul0oL+HfZjr4m900PG8A==

-----END CERTIFICATE-----

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

-----BEGIN RSA PRIVATE KEY-----

MIICXqIBAAKqQDB8NPKx8dwtjXiacM03lUB9PYO+80Hpaer63FcYo4Th+PpNy63w8HfoPeF/k+v2Sf6STYJI653BMNCPesr5OsKQHKxmll+KywsjMlPwRnSnwlTtliv26DYqEvdQA4ds/10cj3qRtWCDPhBCucLkMzj/DUB97n+46tWoolDoFfbBwIDAQABAOGAM/hvKNXkSw5E3kltMAusR/v2vAkp5jSz+9P56sHWRNGTd3l8IW5p05109wkxHXRZzC42NrjDFc3G7Udeb8LO9BbVicBzXVWlCRlrfxGr7d/ekkqhyNlnBiAbUCaf6jUGNItTlACRdV+aNzES06JdGBirW/pw0neMgmtRuf0rIECQODnX/9zUxZuswJN0hvEzaVax2pkpJ6v3us8bG7o5Ce3vDWR9ja3TUH6faOw2azfLv0ND1sLj6USx2j5rC8Kj2HhAkeAlpTm+fvbY3YQOSBo1lo0831SvCxA/r7fhxTdxHXzhkw1NC3mbZrhZGATaGETM9doyatESVlbcHxu/OYU7nmp5wJBAMbT6fMyjW5niilRxuciSUYXl8qQ5wT/LWrpS436sl7j760UxqRS8cXOPeJlzGamPHMCpRyUPiibEAyt+Ga8vEECQOC89qMvTHtd6un+ZHu2TmM0YfgpnQ7fRlaxLb7c8sGw0qtIF+ODQZCa08DTeiJeziKI9Tj9G0oE9I8IRdTI7HqhAkeAnXk9GOp20lcPK8E7SDqseuSdxuziOH4Tl595wXQXCbCIlaqiMwrq5b/B1ZfISxyD1Vth6BAROuuqYvdnstlSkO==

-----END RSA PRIVATE KEY-----

key = -----BEGIN RSA PRIVATE KEY-----

MIICXqIBAAKqQDB8NPKx8dwtjXiacM03lUB9PYO+80Hpaer63FcYo4Th+PpNy63w8HfoPeF/k+v2Sf6STYJI653BMNCPesr5OsKQHKxmll+KywsjMlPwRnSnwlTtliv26DYqEvdQA4ds/10cj3qRtWCDPhBCucLkMzj/DUB97n+46tWoolDoFfbBwIDAQABAOGAM/hvKNXkSw5E3kltMAusR/v2vAkp5jSz+9P56sHWRNGTd3l8IW5p05109wkxHXRZzC42NrjDFc3G7Udeb8LO9BbVicBzXVWlCRlrfxGr7d/ekkqhyNlnBiAbUCaf6jUGNItTlACRdV+aNzES06JdGBirW/pw0neMgmtRuf0rIECQODnX/9zUxZuswJN0hvEzaVax2pkpJ6v3us8bG7o5Ce3vDWR9ja3TUH6faOw2azfLv0ND1sLj6USx2j5rC8Kj2HhAkeAlpTm+fvbY3YQOSBo1lo0831SvCxA/r7fhxTdxHXzhkw1NC3mbZrhZGATaGETM9doyatESVlbcHxu/OYU7nmp5wJBAMbT6fMyjW5niilRxuciSUYXl8qQ5wT/LWrpS436sl7j760UxqRS8cXOPeJlzGamPHMCpRyUPiibEAyt+Ga8vEECQOC89qMvTHtd6un+ZHu2TmM0YfgpnQ7fRlaxLb7c8sGw0qtIF+ODQZCa08DTeiJeziKI9Tj9G0oE9I8IRdTI7HqhAkeAnXk9GOp20lcPK8E7SDqseuSdxuziOH4Tl595wXQXCbCIlaqiMwrq5b/B1ZfISxyD1Vth6BAROuuqYvdnstlSkO==

-----END RSA PRIVATE KEY-----

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

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

Choose the operation you want to perform:

- ____ - SETUP - Configure security certificates and keys.
- ____ - PRINT - Display configured certificates/keys.
- ____ - CLEAR - Clear configured certificates/keys.

[]>

sma.example.com> commit

[Please enter some comments describing your changes:](#)

[\[\]> Installed Certificate](#)

[Changes committed: Fri Oct 02 12:50:47 2009 MST](#)

相关信息

- [如何生成和安装在SMA的一数字证书？](#)
- [技术支持和文档 - Cisco Systems](#)