

# System Certificates

Hermes SEG allows you to manage SSL certificates in order to be used for console access over HTTPS as well as SMTP TLS transactions.

## Hermes SEG Community Version

Hermes SEG Community Version will allow you to create Certificate Signing Requests to submit to 3rd party CAs and import certificates from 3rd party CAs.

- Click the **Import Certificate** button, enter a friendly name for the certificate in the **Certificate Name** field, paste the contents of the certificate including the -----BEGIN CERTIFICATE----- & -----END CERTIFICATE----- lines in the **Certificate** field, paste the contents of the unencrypted key including the -----BEGIN PRIVATE KEY----- & -----END PRIVATE KEY----- lines in the **Unencrypted Key** field, paste the contents of the root and Intermediate CA certificates including the -----BEGIN CERTIFICATE----- & -----END CERTIFICATE----- lines in the **Root and Intermediate CA Certificates** field and click the **Import** button (**Figure 3**):

**Figure 3**

Old Web GUI

System Certificates

Import Certificate

Generate CSR

Copy

CSV

Excel

PDF

Print

Show 10 rows entries

Delete	Type	Name	Web	SMTP	Sub
	Imported	system-self-signed	YES	YES	==

Showing 1 to 1 of 1 entries

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Import Certificate

Certificate Name

Enter a friendly name for this certificate

Certificate

```
-----BEGIN CERTIFICATE-----
MIIE1TCCAr0CAQAwY8xCzAJBgNVBAYTAiVTMREwDwYDV
QQIDAhNYXJ5bGFuZDEX
MBUGA1UEBwwOSGF2cmUgZGUgR3JhY2UxKjAoBgNVBAo
MlVNIaWRlbnJlcmcgUHJv
dHprby8FeWUgQXNzb2NpYXRlc2ELMAkGA1UECwwCSVQx
GzAZBgNVBAMMEmlhaWwu
c38leWVjYXJlLnNvbTCCAILwDQYJKoZIhvcNAQEBBQADgggl
PADCCAgocGglBAMZL
bAkf5DexDnQsPUJTOU709D3d/8w1fn8o9WPEw6i+GEA1sW
```

Unencrypted Key

```
-----BEGIN PRIVATE KEY-----
MIIE1TCCAr0CAQAwY8xCzAJBgNVBAYTAiVTMREwDwYDV
QQIDAhNYXJ5bGFuZDEX
MBUGA1UEBwwOSGF2cmUgZGUgR3JhY2UxKjAoBgNVBAo
MlVNIaWRlbnJlcmcgUHJv
dHprby8FeWUgQXNzb2NpYXRlc2ELMAkGA1UECwwCSVQx
GzAZBgNVBAMMEmlhaWwu
c38leWVjYXJlLnNvbTCCAILwDQYJKoZIhvcNAQEBBQADgggl
PADCCAgocGglBAMZL
bAkf5DexDnQsPUJTOU709D3d/8w1fn8o9WPEw6i+GEA1sW
```

Root and Intermediate CA Certificates

```
-----BEGIN CERTIFICATE-----
MIIE1TCCAr0CAQAwY8xCzAJBgNVBAYTAiVTMREwDwYDV
QQIDAhNYXJ5bGFuZDEX
MBUGA1UEBwwOSGF2cmUgZGUgR3JhY2UxKjAoBgNVBAo
MlVNIaWRlbnJlcmcgUHJv
dHprby8FeWUgQXNzb2NpYXRlc2ELMAkGA1UECwwCSVQx
GzAZBgNVBAMMEmlhaWwu
c38leWVjYXJlLnNvbTCCAILwDQYJKoZIhvcNAQEBBQADgggl
PADCCAgocGglBAMZL
bAkf5DexDnQsPUJTOU709D3d/8w1fn8o9WPEw6i+GEA1sW
```

Import

## Hermes SEG Pro Version

Hermes SEG Pro Version will allow you to create Certificate Signing Requests to submit to 3rd party CAs, import certificates from 3rd party CAs as well as Request Lets Encrypt (Acme) Certificates.

If you wish to import a 3rd party CA certificate, please follow the Hermes SEG Community instructions above to import a certificate. If you wish to request a Lets Encrypt (Acme) certificate, follow the instructions below:

Before requesting **Acme Certificates** ensure that **BOTH** ports **TCP 80** and **TCP 443** are open to Hermes SEG from the Internet and the domain you are requesting the certificate is pointing to the Internet accessible IP address of your Hermes SEG machine. We recommend

that you test using the **Acme Staging** server first to ensure the request works before attempting to use **Acme Production**. The reason we initially **Request Acme Certificate** utilizing the **Acme Staging** server is because Lets Encrypt is much more lenient with rate limits with failed requests in their staging environment than their production environment, click [here](#) for details.

- Click the **Request Acme Certificate** button, enter a friendly name in the **Certificate Name** field, enter the FQDN (domain name) you wish to request a certificate, enter a valid e-mail address in the **Notifications E-mail address** field, leave the **Acme Server** drop-down field set to **Acme Staging** and click the **Request** button (**Figure 4**):

**Figure 4**

**Request Acme Certificate**

**⚠** Before requesting **Acme Certificates** ensure you first read the System Certificates Documentation. Ensure that **BOTH** ports TCP 80 and TCP 443 are open to Hermes SEG from the Internet and the domain you are requesting the certificate is pointing to the Internet IP address of your Hermes SEG. We recommend that you test using the **Acme Staging** server first to ensure the request works before attempting to use Acme Production

**Certificate Name**

mycertificate

**Domain Name (e.g. domain.tld)**

smtp.domain.tld

**Notifications E-mail address (e.g. someone@domain.tld)**

someone@domain.tld

**Acme Server**

Acme Staging

**Request**

**Cancel**


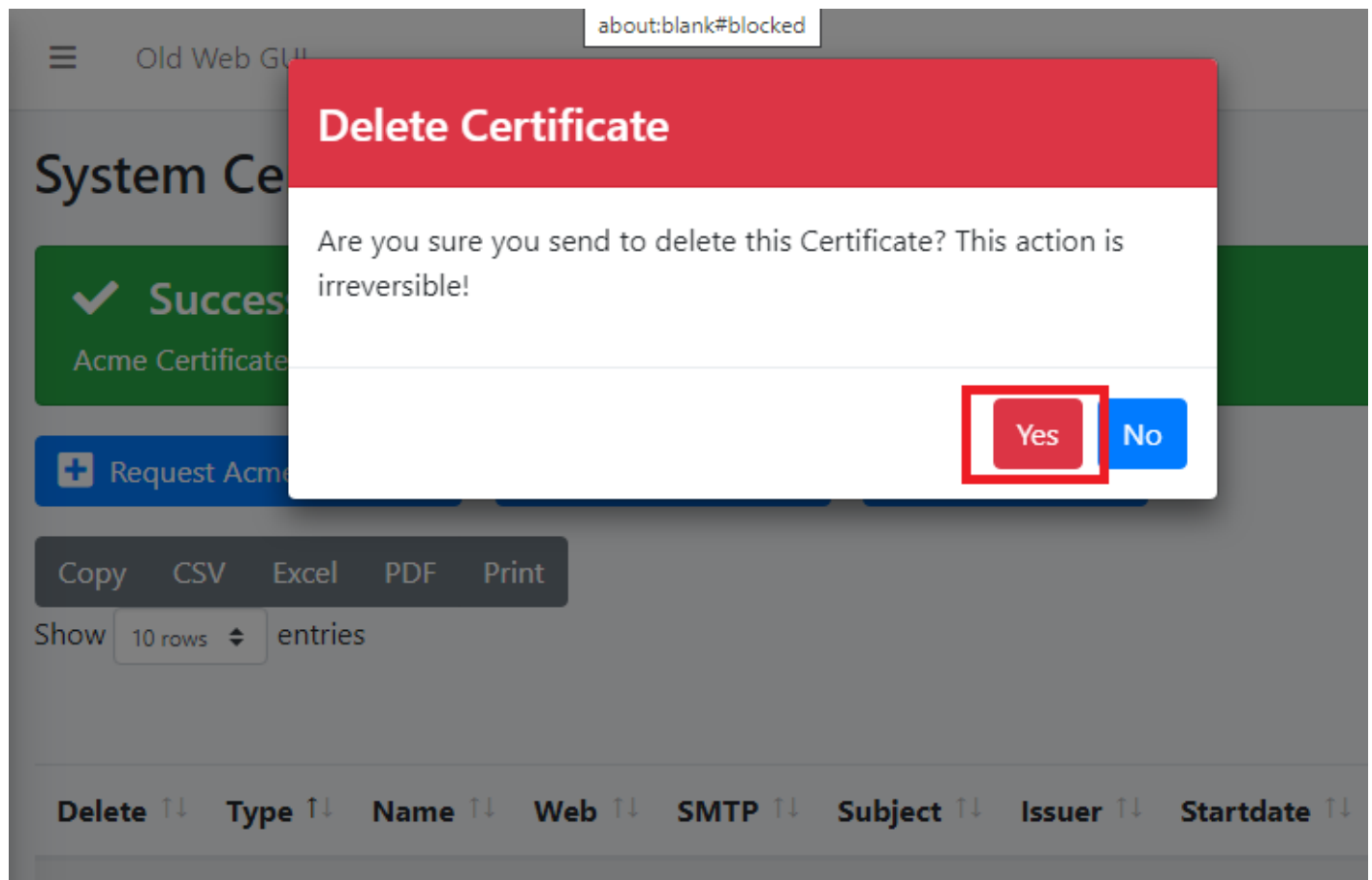
- If the Acme Certificate Request fails, double-check that the FQDN (domain name) points to the Internet accessible IP of your Hermes SEG machine and that BOTH ports TCP/80 (HTTP) and TCP/443 (HTTPS) are allowed through your firewall and try again.
- If the Acme Certificate Request succeeds, locate the newly created certificate in your certificate list, click the  icon and on the resultant **Delete Certificate** confirmation click on **Yes (Figure 5)**:

Figure 5



- Click the **Request Acme Certificate** button again, enter a friendly name in the **Certificate Name** field, enter the FQDN (domain name) you wish to request a certificate, enter a valid e-mail address in the **Notifications E-mail address** field, this time set the **Acme Server** drop-down field set to **Acme Production** and click the **Request** button ( **Figure 6**):

Figure 6

Old Web GUI

System Certificates

✓ Success

Certificate Deleted

+

 Request Acme Certificate

Copy

CSV

Export

Show 10 rows

Delete

Type

Import

Export

Delete

Type

Showing 1 to 1 of 1

Hermes Secure Email

Request Acme Certificate

⚠

Before requesting **Acme Certificates** ensure you first read the System Certificates Documentation. Ensure that **BOTH** ports TCP 80 and TCP 443 are open to Hermes SEG from the Internet and the domain you are requesting the certificate is pointing to the Internet IP address of your Hermes SEG. We recommend that you test using the **Acme Staging** server first to ensure the request works before attempting to use Acme Production

Certificate Name

mycertificate

Domain Name (e.g. domain.tld)

smtp.domain.tld

Notifications E-mail address (e.g. someone@domain.tld)

someone@domain.tld

Acme Server

Acme Production

Request

Cancel

Revision #2

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