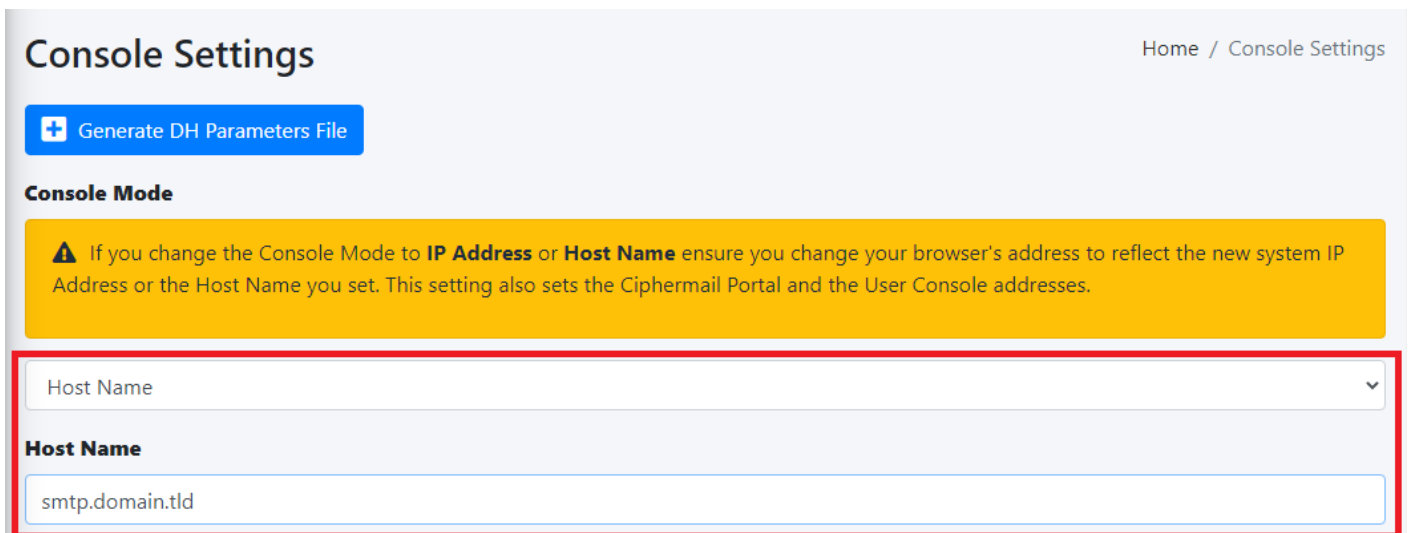


Console Settings

The Hermes SEG **Console Settings** sets the method you wish to access Hermes SEG machine which includes the Admin Console, User Console and the CIPHERMAIL Console. By default, the **Console Mode** is set to **IP Address**, however, an IP address is not conducive to using SSL certificates. Therefore, if you plan to use a SSL certificate to access the Hermes SEG machine, you must set the Console Mode to **Host Name**. The Host Name you set it does NOT necessarily have to be the same **Host Name** you set in **Network Settings** above. The **Host Name** and **Primary Domain Name** you set in the Network settings is used for SMTP transactions such as SMTP TLS and it's not related to Hermes SEG console access.

- Set the **Console Mode** drop-down to **Host Name** and in the resultant **Host Name** field that appears, fill in the desired host name you wish to use (**Figure 1**):

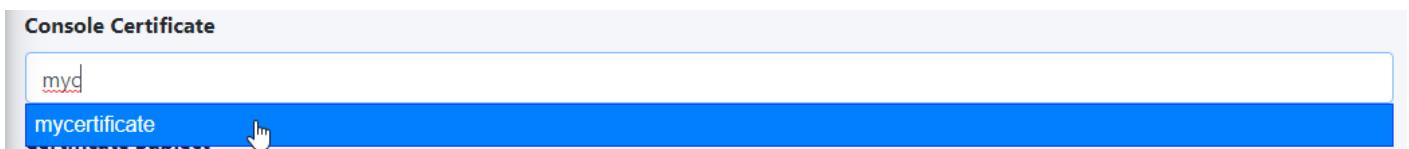
Figure 1



The screenshot shows the 'Console Settings' page. At the top right, there is a breadcrumb 'Home / Console Settings'. Below the title, there is a blue button labeled '+ Generate DH Parameters File'. Under the 'Console Mode' section, there is a yellow warning box with a triangle icon: 'If you change the Console Mode to IP Address or Host Name ensure you change your browser's address to reflect the new system IP Address or the Host Name you set. This setting also sets the Ciphermail Portal and the User Console addresses.' Below this, a dropdown menu is set to 'Host Name'. Underneath, there is a text input field labeled 'Host Name' containing the text 'smtp.domain.tld'. A red rectangular box highlights the dropdown and the text input field.

- The **Console Certificate** field is pre-populated with the **system-self-signed** certificate. If you wish to use a SSL certificate you set in the **Set System Certificates** section above, simply delete the **system-self-signed** entry and start typing the friendly name of the certificate you setup previously that matches the host name. The system will locate the certificate and display it in a drop-down list. Click on the certificate and the system will automatically populate all the rest of the Certificate fields such as the Subject, Issuer, Serial and Type (**Figure 2**):

Figure 2



The screenshot shows the 'Console Certificate' section. It features a text input field with 'myd' typed in. Below the input field, a blue dropdown menu is open, showing a list of certificates. The first item, 'mycertificate', is highlighted in blue and has a mouse cursor pointing at it. The rest of the list is obscured by the blue highlight.

- We highly recommend that you enable **HTTP Strict Transport Security (HSTS)**, **Online Certificate Status Protocol (OCSP) Stapling**, **Online Certificate Status Protocol (OCSP) Stapling Verify** and click the **Submit** button (**Figure 3**):

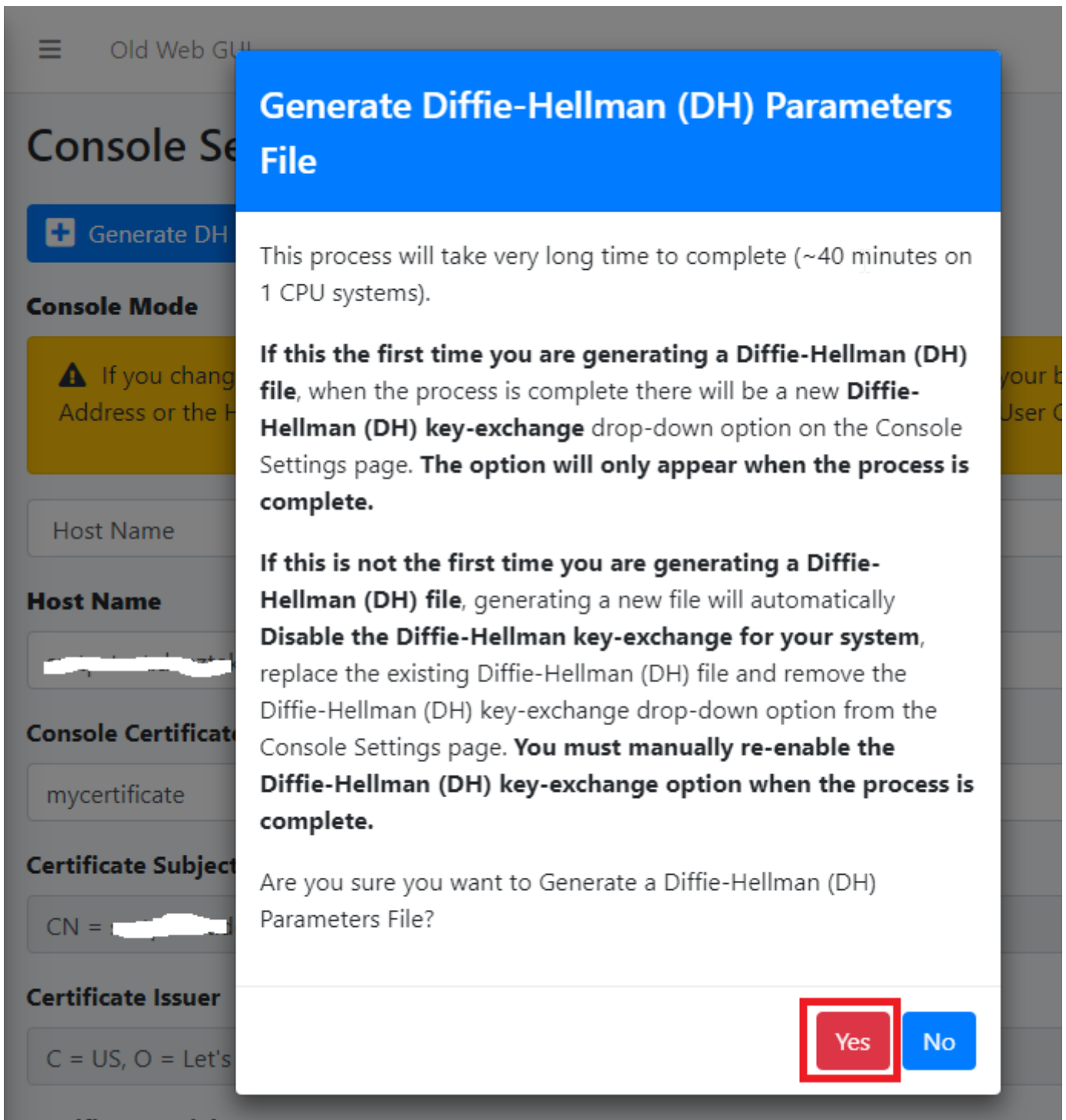
Figure 3

The screenshot shows a configuration panel with three sections, each with a dropdown menu. The first section is titled "HTTP Strict Transport Security (HSTS)" and has a dropdown menu set to "Enable (Recommended)". The second section is titled "Online Certificate Status Protocol (OCSP) Stapling" and has a dropdown menu set to "Enable (Recommended)". The third section is titled "Online Certificate Status Protocol (OCSP) Stapling Verify" and has a dropdown menu set to "Enable (Recommended)". Below these sections is a blue "Submit" button. Red boxes highlight the text "Enable (Recommended)" in each of the three dropdown menus.

After clicking the **Submit** button and you changed the Console Mode from IP Address to Host Name, your browser will **NOT** automatically redirect you to the new console address. Ensure you enter the new address in your browser as **https://<HOST_NAME>/admin/** where **<HOST-NAME>** is the new Host Name you set above.

- Additionally, we recommend that you generate a **DH (Diffie-Hellman) Parameters** file by clicking the **Generate DH Parameters File** button and on the resultant **Generate Diffie-Hellman (DH) Parameters File** confirmation window, click on **Yes** (**Figure 4**):

Figure 4



- Generating a DH Parameters file can take a very long time to complete (~40 minutes on 1-CPU systems). You can proceed to configure the rest of your system (**DO NOT reboot the system while it's generate a DH Parameters file**) and check back under **System --> Console Settings** to see if a new **Diffie-Hellman (DH) key-exchange** drop-down appears set it to **Enable** and click the **Submit** button below (**Figure 5**).

Figure 5

Diffie-Hellman (DH) key-exchange
Enable (Recommended) ▼

HTTP Strict Transport Security (HSTS)
Enable (Recommended) ▼

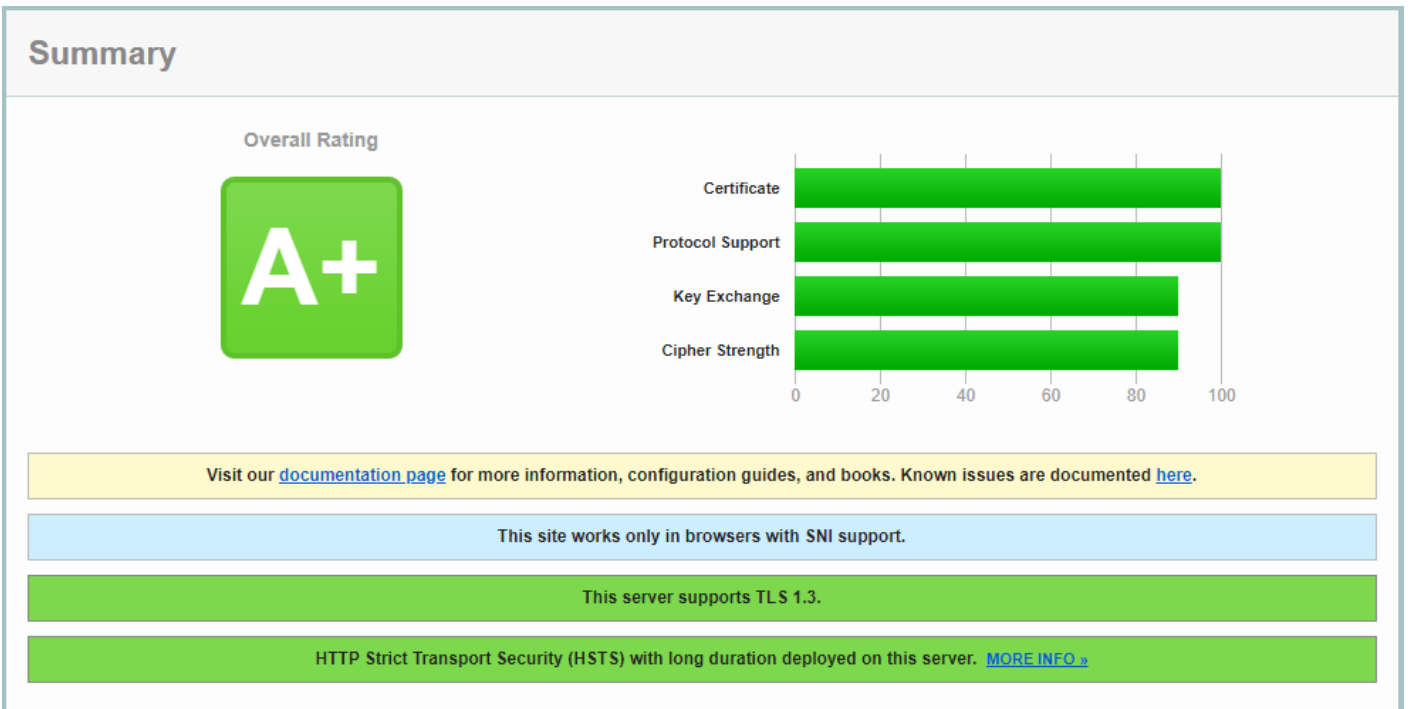
Online Certificate Status Protocol (OCSP) Stapling
Enable (Recommended) ▼

Online Certificate Status Protocol (OCSP) Stapling Verify
Enable (Recommended) ▼

Submit

If you follow the above recommendations, you should be able to achieve an **A+ rating** on the [Qualys SSL Labs SSL Server Test \(Figure 6\)](#):

Figure 6



Revision #2

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