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## How to Customize Firewall Authentication HTML Files

<https://campus.barracuda.com/doc/73719316/>

The offline authentication process on the CloudGen Firewall includes greeting messages and requests to the clients accessing the network. For proper display of authentication messages according to corporate guidelines and branding, configure custom HTML pages and upload them as binary files. Authentication files are located in `/phion0/fwauthd/`. Do not modify existing HTML files as this will result in a dirty release.

### Limitations

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- Custom HTML pages are NOT included in PAR files.
- Custom HTML pages are NOT synced to HA peers.

### Step 1. Customize the HTML Files

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Copy the HTML file to be modified and edit the file according to your requirements.

1. Navigate to the folder `/phion0/fwauthd/`
2. Copy the HTML file and rename it. E.g., from `index.html` to `indexcustom.html`.
3. Modify the file and save it in `/phion0/fwauthd/`.
4. When using images, place them in `/phion0/fwauthd/lib/`.

### Step 2. Upload the Custom HTML Files

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Upload the custom files to the CloudGen Firewall.

1. Go to **CONFIGURATION > Configuration Tree > Box > Virtual Servers > your virtual server > Assigned Services > Firewall > Forwarding Settings**.
2. In the left navigation, select **Authentication Messages**.
3. Click **Lock**.
4. Click **+** to add a custom file entry. The **Custom HTML Files** window opens.
5. Select **Binary** as the **Type** of the authentication message.
6. Enter the complete file name in the **Name** field. E.g., `indexcustom.html`
7. Enter the path to the server root, starting with `'/'`.
8. Click **Ex/Import** and import the file.
9. Click **OK**.
10. Repeat these steps for all customized files.

11. Click **Send Changes** and **Activate**.

You can use pictures without having to upload them:

1. Go to **CONFIGURATION > Configuration Tree > Box > Virtual Servers > your virtual server > Assigned Services > Firewall > Forwarding Settings**.
2. In the left navigation, select **Authentication Messages**.
3. Click **Lock**.
4. Click **+** to add a custom file entry. The **Custom HTML Files** window opens.
5. Select **Binary** as the **Type** of the authentication message.
6. Enter the path to the server root, starting with '/' and ending with  `/ lib / filename`.
7. Click **OK**.
8. Click **Send Changes** and **Activate**.

### Step 3. Use the Custom HTML Files

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In the authentication configuration, replace the default authentication message files with the uploaded custom files (e.g., replace `index.html` with `indexcustom.html`).

1. Go to **CONFIGURATION > Configuration Tree > Box > Virtual Servers > your virtual server > Assigned Services > Firewall > Forwarding Settings**.
2. From the **Configuration Mode**, select **Advanced View**.
3. In the left navigation, select **Authentication**.
4. Click **Lock**.
5. Next to **Operational Settings**, click **Edit**.
6. In the **Customization** section, select the custom files to be used for the authentication processes.
7. Click **Send Changes** and **Activate**.

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