Learn how to use the LoginPortSSL config.txt directive to specify a particular secure port for EZproxy. **LoginPortSSL** allows you to specify a particular secure port for EZproxy to use to identify itself and additional ports that it should use to listen for requests. This can be helpful in configuring EZproxy to **Proxy by Hostname** and setting up EZproxy to work with your firewall address translation.

**LoginPortSSL** is a position-dependent config.txt directive that specifies the port(s) on which EZproxy should listen for incoming login, menu, and administration requests using https.

The first **LoginPortSSL** directive establishes the port that EZproxy will use when generating URLs that point to itself using https. Subsequent **LoginPortSSL** directives establish additional ports on which EZproxy should listen for https requests.

Note: SSL configuration must be performed before **LoginPortSSL** directives can be employed in config.txt.

By default, EZproxy listens on all IP interfaces. If the interface directive is employed before **LoginPortSSL**, then EZproxy will only attempt to listen on the specified interface and port.

On Linux, if the port is below 1024 and -Virtual is not specified, the EZproxy must be started by the root user. In this instance, the RunAs directive can be used to direct EZproxy to change to a different user account once listening has been established on the specified port(s).

### Qualifiers

<table>
<thead>
<tr>
<th>QUALIFIER</th>
<th>DIRECTIVE</th>
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<tbody>
<tr>
<td>port</td>
<td>The port on which EZproxy should listen for incoming https requests.</td>
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### Options

<table>
<thead>
<tr>
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<th>DIRECTIVE</th>
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<tr>
<td>-Virtual</td>
<td>Do not actually listen on this port. When used, an additional <strong>LoginPortSSL</strong> directive must follow to establish an actual port on which EZproxy should listen for requests.</td>
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</tbody>
</table>
| -Cert=index | The number of specific SSL certificate that should be used when listening for requests on this port. The default is to listen using the certificate that has been
Syntax

```plaintext
LoginPortSSL 443
```

Example

To configure EZproxy to listen on the standard https web server port 443, enter the following statement in your `config.txt`:

```plaintext
LoginPortSSL 443
```

You can configure EZproxy to listen on the standard http web server port 80 and the standard https web server port 443 by entering the following two lines in your `config.txt`:

```plaintext
LoginPort 80
LoginPortSSL 443
```

Using secure and unsecure virtual ports

You can use a combination of `LoginPort` and `LoginPortSSL` to direct EZproxy to act as though it is listening on ports 80 and 443, but actually listen on ports 8080 and 8443. This configuration only works if a firewall is performing network address translation of external port 80 to internal port 8080 and external port 443 to internal port 8443.

```plaintext
LoginPort -Virtual 80
LoginPort 8080
LoginPortSSL -Virtual 443
LoginPortSSL 8443
```

Related directives

- `Interface`
- `LoginPort`
- `Option ForceHTTPSLogin`
- `RunAs`