Learn how to use the LBPeer config.txt directive to specify hostnames and ports for load balanced servers in EZproxy. **LBPeer** specifies hostnames and ports that EZproxy load balanced servers can use to communicate with each other when necessary. **LBPeer** should be used when **Option UserObject** is employed on multiple EZproxy servers, all of which operate with a single name behind a load balancer. When a user object is created, it is stored on a specific back-end EZproxy server. With **LBPeer** enabled, the ticket generated to retrieve a user object incorporates the `id` value that identifies that back-end server that holds the user object. When a request is placed to retrieve the user object, the `id` is used to identify if the server holding the user object received the request. This enables a request for the user object to be passed on if necessary to the server that holds it.

**LBPeer** is a repeatable position-dependent config.txt directive.

### Qualifiers

<table>
<thead>
<tr>
<th>QUALIFIER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>-Host=host</code></td>
<td>The hostname or IP address to use to communicate directly with this server.</td>
</tr>
<tr>
<td><code>-http=port</code></td>
<td>The port to use to communicate directly with this server using http. If <code>-http</code> is specified, <code>-https</code> cannot be specified.</td>
</tr>
<tr>
<td><code>-https=port</code></td>
<td>The port to use to communicate directly with this server using https. If <code>-https</code> is specified, <code>-http</code> cannot be specified.</td>
</tr>
<tr>
<td><code>id</code></td>
<td>The identifier to use to tag content which must be handled by this server.</td>
</tr>
</tbody>
</table>

### Syntax

```
LBPeer -Host= host [-http= port | -https= port] id
```

### Examples

Specify information on three load balancer hosts. EZproxy will open a listening socket on the local server for each of the hostnames on the local server to determine which the **LBPeer** directive represents the local server. If none of the hostnames match, the EZproxy will record a warning and then ignore all **LBPeer** directives.

```
LBPeer -host=ezproxy1.yourlib.org -https=443 ezproxy1
LBPeer -host=ezproxy2.yourlib.org -https=443 ezproxy2
LBPeer -host=ezproxy3.yourlib.org -https=443 ezproxy3
```
Related directives

Option UserObject