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>-Host=host</td>
<td>The hostname or IP address to use to communicate directly with this server.</td>
</tr>
<tr>
<td>-http=port</td>
<td>The port to use to communicate directly with this server using http. If -http is specified, -https cannot be specified.</td>
</tr>
<tr>
<td>-https=port</td>
<td>The port to use to communicate directly with this server using https. If -https is specified, -http cannot be specified.</td>
</tr>
<tr>
<td>id</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