

Name create-http-listener – adds a new HTTP network listener socket

Synopsis create-http-listener [--help] --listeneraddress *address*
--listenerport *listener-port*
{--default-virtual-server | --defaultvs} *virtual-server*
[--servername *server-name*]
[--acceptorthreads *acceptor-threads*]
[--xpowered={true|false}]
[--redirectport *redirect-port*]
[--securityenabled={false|true}]
[--enabled={true|false}]
[--target *target*]
listener-id

Description The create-http-listener subcommand creates an HTTP network listener. This subcommand is supported in remote mode only.

Note – If you edit the special HTTP network listener named admin-listener, you must restart the server for the changes to take effect. The Administration Console does not tell you that a restart is required in this case.

Note – This subcommand is provided for backward compatibility and as a shortcut for creating network listeners that use the HTTP protocol. Behind the scenes, this subcommand creates a network listener and its associated protocol, transport, and HTTP configuration.

Options --help
-?

Displays the help text for the subcommand.

--listeneraddress

The IP address or the hostname (resolvable by DNS).

--listenerport

The port number to create the listen socket on. Legal values are 1–65535. On UNIX, creating sockets that listen on ports 1–1024 requires superuser privileges. Configuring an SSL listen socket to listen on port 443 is recommended.

--default-virtual-server

--defaultvs

The ID attribute of the default virtual server for this listener. The --defaultvs option is deprecated.

--servername

Tells the server what to put in the host name section of any URLs it sends to the client. This affects URLs the server automatically generates; it doesn't affect the URLs for directories and files stored in the server. This name should be the alias name if your server uses an alias. If a colon and port number are appended, that port will be used in URLs that the server sends to the client.

- `--acceptorthreads`
The number of acceptor threads for the listener socket. The recommended value is the number of processors in the machine. The default value is 1.
- `--xpowered`
If set to `true`, adds the `X-Powered-By: Servlet/3.0` and `X-Powered-By: JSP/2.0` headers to the appropriate responses. The Servlet 3.0 specification defines the `X-Powered-By: Servlet/3.0` header, which containers may add to servlet-generated responses. Similarly, the JSP 2.0 specification defines the `X-Powered-By: JSP/2.0` header, which containers may add to responses that use JSP technology. The goal of these headers is to aid in gathering statistical data about the use of Servlet and JSP technology. The default value is `true`.
- `--redirectport`
Do not specify this option. This option is retained for compatibility with earlier releases. If you specify this option, a syntax error does not occur. Instead, the subcommand runs successfully and displays a warning message that the option is ignored.
- `--securityenabled`
If set to `true`, the HTTP listener runs SSL. You can turn SSL2 or SSL3 ON or OFF and set ciphers using an SSL element. The security setting globally enables or disables SSL by making certificates available to the server instance. The default value is `false`.
- `--enabled`
If set to `true`, the listener is enabled at runtime. The default value is `true`.
- `--target`
Creates the HTTP listener only on the specified target. Valid values are as follows:
 - `server`
Creates the HTTP listener on the default server instance. This is the default value.
 - `configuration-name`
Creates the HTTP listener in the specified configuration.
 - `cluster-name`
Creates the HTTP listener on all server instances in the specified cluster.
 - `standalone-instance-name`
Creates the HTTP listener on the specified standalone server instance.

Operands *listener-id*
The listener ID of the HTTP network listener.

Examples EXAMPLE 1 Creating an HTTP Network Listener

The following command creates an HTTP network listener named `sampleListener` that uses a nondefault number of acceptor threads and is not enabled at runtime:

```
asadmin> create-http-listener --listeneraddress 0.0.0.0 --listenerport 7272
--defaultvs server --servername host1.sun.com --acceptorthreads 100
```

EXAMPLE 1 Creating an HTTP Network Listener *(Continued)*

```
--securityenabled=false --enabled=false sampleListener
```

Command create-http-listener executed successfully.

Exit Status

0	command executed successfully
1	error in executing the command

See Also [delete-http-listener\(1\)](#), [list-http-listeners\(1\)](#), [create-virtual-server\(1\)](#),
[create-ssl\(1\)](#), [create-network-listener\(1\)](#)

[asadmin\(1M\)](#)