

Name create-transport – adds a new transport

Synopsis create-transport [--help]
[--acceptorthreads *acceptor-threads*]
[--buffersizebytes *buffer-size*]
[--bytebuffertype *byte-buffer-type*]
[--classname *class-name*]
[--displayconfiguration={false|true}]
[--enablesnoop={false|true}]
[--idlekeytimeoutseconds *idle-key-timeout*]
[--maxconnectionscount *max-connections*]
[--readtimeoutmillis *read-timeout*]
[--writetimeoutmillis *write-timeout*]
[--selectionkeyhandler *selection-key-handler*]
[--selectorpolltimeoutmillis *selector-poll-timeout*]
[--tcpnodelay={false|true}]
[--target *target*]
transport-name

Description The create-transport subcommand creates a transport for a network listener. This subcommand is supported in remote mode only.

Options --help

-?

Displays the help text for the subcommand.

--acceptorthreads

The number of acceptor threads for the transport. The recommended value is the number of processors in the machine. The default value is 1.

--buffersizebytes

The size, in bytes, of the buffer to be provided for input streams created by the network listener that references this transport. The default value is 8192.

--bytebuffertype

The type of the buffer to be provided for input streams created by a network-listener. Allowed values are HEAP and DIRECT. The default value is HEAP.

--classname

The fully qualified name of the Java class that implements the transport. The default is com.sun.grizzly.TCPSelectorHandler.

--displayconfiguration

If true, flushes the internal network configuration to the server log. Useful for debugging, but reduces performance. The default is false.

--enablesnoop

If true, writes request/response information to the server log. Useful for debugging, but reduces performance. The default is false.

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- `--idlekeytimeoutseconds`
The idle key timeout. The default is 30 seconds.
 - `--maxconnectionscount`
The maximum number of connections for the network listener that references this transport. A value of -1 specifies no limit. The default value is 4096.
 - `--readtimeoutmillis`
The amount of time the server waits during the header and body parsing phase. The default is 30000 milliseconds, or 30 seconds.
 - `--writetimeoutmillis`
The amount of time the server waits before considering the remote client disconnected when writing the response. The default is 30000 milliseconds, or 30 seconds.
 - `--selectionkeyhandler`
The name of the selection key handler associated with this transport. There is no default.
 - `--selectorpolltimeoutmillis`
The number of milliseconds a NIO Selector blocks waiting for events (user requests). The default value is 1000 milliseconds.
 - `--tcpnodelay`
If true, the default, enables TCP_NODELAY (also called Nagle's algorithm). The default is false.
 - `--target`
Creates the transport only on the specified target. Valid values are as follows:
 - `server`
Creates the transport on the default server instance. This is the default value.
 - `configuration-name`
Creates the transport in the specified configuration.
 - `cluster-name`
Creates the transport on all server instances in the specified cluster.
 - `standalone-instance-name`
Creates the transport on the specified standalone server instance.

Operands *transport-name*
The name of the transport.

Examples EXAMPLE 1 Creating a Transport

The following command creates a transport named `http1-trans` that uses a non-default number of acceptor threads:

```
asadmin> create-transport --acceptorthreads 100 http1-trans
Command create-transport executed successfully.
```

Exit Status 0 command executed successfully
 1 error in executing the command

See Also delete-transport(1), list-transport(1), create-network-listener(1)
 asadmin(1M)