Name	help – displays the asadmin utility commands

Synopsis   `help  [`*command_name*`]`

command_name `[--help | −?]`

Description   The help command displays a list of all the `asadmin` utility commands. Specify the command to display the usage information for that command. To display the manpage of each command, use the syntax: `asadmin` *command_name* `--help` | `-?` or `asadmin help` *command_name*

The following is a list of all the `asadmin` utility commands:

`add-resources`
   registers the resource in the specified XML file

`apply-http-lb-changes`
   applies load balancer configuration changes to the load balancer

`backup-domain`
   performs a backup on the domain

`change-admin-password`
   changes the administrator password

`change-master-password`
   changes the master password

`clear-ha-store`
   deletes tables in the HA database

`configure-ha-cluster`
   configures an existing cluster to be High Availability

`configure-ha-persistence`
   enables configuration of parameters related to session persistence

`configure-http-lb-config`
   creates, configures, and exports a load balancer configuration

`configure-lb-weight`
   sets load balancing weights for clustered instances

`configure-webservice-management`
   sets the monitoring or maxhistory or attributes of a deployed webservice

`copy-config`
   copies an existing configuration to create a new configuration

`create-admin-object`
   adds the administered object with the specified JNDI name

create-application-ref
   creates a reference to an application

create-audit-module
   creates an audit module for the optional plugin module

create-auth-realm
   adds the named authorized realm

create-cluster
   creates a cluster

create-connector-connection-pool
   adds a connection pool with the specified connection pool name

create-connector-resource
   registers the resource with the specified JNDI name

create-connector-security-map
   creates or modifies a security map for the named connector connection pool

create-custom-resource
   registers the custom resource

create-domain
   creates a domain with the specified name

create-file-user
   creates a new file user

create-ha-store
   creates tables in HA database that are used by HA cluster

create-http-health-checker
   creates a health-checker for a specified load balancer configuration

create-http-lb
   creates a load balancer

create-http-lb-config
   creates a configuration for the load balancer

create-http-lb-ref
   add an existing cluster or server instance to an existing load balancer configuration

create-http-listener
   adds a new HTTP listener socket

create-iiop-listener
   adds the IIOP listener

create-instance
   creates an instance with the given name

create-javamail-resource
   registers the Javamail resource

create-jdbc-connection-pool
   registers the JDBC connection pool

create-jdbc-resource
   registers the JDBC resource

create-jms-host
   creates a JMS host

create-jms-resource
   registers the JMS resource

create-jmsdest
   adds the named destination

create-jndi-resource
   registers the JNDI resource

create-jvm-options
   creates the JVM options from the Java configuration or profiler elements

create-lifecycle-module
   adds a lifecycle module

create-management-rule
   creates a new management rule

create-mbean
   creates and registers a custom MBean

create-message-security-provider
   enables administrators to create the message-security-config and provider-config
   sub-elements for the security service in domain.xml

create-node-agent-config
   adds a new unbound node agent to a domain

create-node-agent
   creates a node agent and its associated directory structure

create-password-alias
   creates a password alias

create-persistence-resource
   registers the persistence resource

create-profiler
   creates the profiler element

create-resource-adapter-config
    creates the resource adapter Java bean

create-resource-ref
    creates a reference to a resource

create-service
    configures the starting of a DAS or node agent on an unattended boot

create-ssl
    creates the SSL element in the HTTP listener or IIOP listener

create-system-properties
    adds or updates one or more system properties of the domain, configuration, cluster, or
    server instance

create-threadpool
    creates the thread pool

create-transformation-rule
    creates transformation rule for a deployed web service

create-virtual-server
    adds the named virtual server

delete-admin-object
    removes the administered object with the specified JNDI name

delete-application-ref
    removes a reference to an application

delete-audit-module
    deletes the audit-module for the optional plugin module

delete-auth-realm
    removes the named authorized realm

delete-cluster
    deletes a cluster

delete-config
    deletes an existing configuration

delete-connector-connection-pool
    removes the specified connection pool

delete-connector-resource
    removes the named resource connector

delete-connector-security-map
    deletes the named security map

delete-custom-resource
    removes the custom resource

delete-domain
    deletes the given domain

delete-file-user
    removes the named file user

delete-http-health-checker
    deletes a health-checker for a specified load balancer configuration

delete-http-lb
    deletes a load balancer

delete-http-lb-config
    deletes a load balancer configuration

delete-http-lb-ref
    deletes the cluster or server instance from a load balancer configuration

delete-http-listener
    removes the HTTP listener

delete-iiop-listener
    removes the IIOP listener

delete-instance
    deletes the instance that is not running

delete-javamail-resource
    removes the Javamail resource

delete-jdbc-connection-pool
    removes the JDBC connection pool

delete-jdbc-resource
    removes the JDBC resource

delete-jms-host
    removes a JMS host

delete-jms-resource
    removes the JMS resource

delete-jmsdest
    destroys the named destination

delete-jndi-resource
    removes the JNDI resource

delete-jvm-options
    deletes the JVM options from the Java configuration or profiler elements

delete-lifecycle-module
    removes the lifecycle module

delete-management-rule
    deletes a specified management rule

delete-mbean
    deletes a custom MBean

delete-message-security-provider
    enables administrators to delete a `provider-config` sub-element for the given message
    layer (`message-security-config` element of `domain.xml`)

delete-node-agent-config
    removes a node agent from a domain

delete-node-agent
    deletes the node agent and its associated directory structure

delete-password-alias
    deletes a password alias

delete-persistence-resource
    removes the persistence resource

delete-profiler
    deletes the profiler element

delete-resource-adapter-config
    deletes the resource adapter Java bean

delete-resource-ref
    removes a reference to a resource

delete-ssl
    deletes the ssl element from the HTTP listener or IIOP listener

delete-system-property
    removes one or more system properties of the domain, configuration, cluster, or server
    instance

delete-threadpool
    deletes the thread pool

delete-transformation-rule
    deletes the transformation rule of a given web service

delete-virtual-server
    deletes the virtual server with the named virtual server ID

deploy-jbi-service-assembly
    deploys a service assembly into the JBI environment

deploy
   deploys the specified component

deploydir
   deploys the component that is in the specified directory, located in the domain application
   server

disable-http-lb-server
   disables a sever or cluster managed by a load balancer

disable-http-lb-application
   disables an application managed by a load balancer

disable
   stops the specified, deployed component

display-error-distribution
   displays distribution of errors from instance server.log at module level

display-error-statistics
   displays a summary list of severities and warnings

display-log-records
   displays all the error messages for a given module at a given timestamp

enable-http-lb-application
   enables a previously-disabled application managed by a load balancer

enable-http-lb-server
   enables a previously disabled sever or cluster managed by a load balancer

enable
   runs the specified, deployed component

export-http-lb-config
   exports the load balancer configuration to a file that can be used by the load balancer

export
   marks a variable name for automatic export to the environment of subsequent commands
   in multimode

flush-jmsdest
   purges the messages in a JMS destination

freeze-transaction-service
   immobilizes the named transaction service

generate-diagnostic-report
   generates reports that can help diagnose application server malfunctioning

generate-jvm-report
   shows the threads, classes and memory for a given target instance

get-client-stubs
    gets the stubs of the client

get-hadb-info
    gets the HADB database attributes

get
    gets the values of the monitorable or configurable attributes

get-health
    provides information on the cluster health

help
    displays a list of all the commands available in the command-line interface

install-jbi-component
    installs a service engine or binding component into the JBI environment

install-jbi-shared-library
    installs a shared library into the JBI environment

is-hadb-installed
    reports on whether the HADB is installed and is accessible

jms-ping
    checks to see if the JMS provider is running

list-admin-objects
    lists all the administered objects

list-application-refs
    lists all application references in a cluster or unclustered server instance

list-audit-modules
    lists the audit modules

list-auth-realms
    lists the authorized realms

list-backups
    lists all backups and restores

list-clusters
    lists the existing clusters

list-components
    lists deployed components

list-configs
    lists all existing configurations

list-connection-groups
    gets the connection groups

```
list-connector-connection-pools
    gets all the connection pools
```
gets all the connection pools

```
list-connector-resources
    gets all the connector resources
```

```
list-connector-security-maps
    lists the security maps for the connector connection pool
```

```
list-custom-resources
    gets all the custom resources
```

```
list-domains
    lists the domains in the given domains directory
```

```
list-file-groups
    lists the file groups
```

```
list-file-users
    lists the file users
```

```
list-http-lb-configs
    lists load balancer configurations
```

```
list-http-lbs
    lists load balancers
```

```
list-http-listeners
    gets the HTTP listeners
```

```
list-iiop-listeners
    gets the IIOP listeners
```

```
list-instances
    lists all the instances in the server
```

```
list-javamail-resources
    gets all the Javamail resources
```

```
list-jdbc-connection-pools
    registers the JDBC connection pool
```

```
list-jdbc-resources
    gets all the JDBC resources
```

```
list-jbi-binding-components
    lists the binding components installed on the specified target
```

```
list-jbi-service-assemblies
    lists the service assemblies installed into the JBI environment
```

```
list-jbi-service-engines
    lists the service engines installed on the specified target
```

list-jbi-shared-libraries
    lists the JBI shared libraries that are installed into the JBI environment

list-jms-hosts
    lists the existing JMS hosts

list-jms-resources
    gets all the JMS resources

list-jmsdest
    gets all the named destinations

list-jndi-entries
    gets all the named destinations, browses and queries the JNDI tree

list-jndi-resources
    gets all the JNDI resources

list-lifecycle-modules
    gets the lifecycle modules

list-management-rules
    lists the management rules created using the create-management-rule command

list-mbeans
    lists the custom mbeans for a given target server instance

list-message-security-providers
    enables administrators to list all security message providers (provider-config
    sub-elements) for the given message layer (message-security-config element of
    domain.xml)

list-node-agents
    lists the node agents along with their status

list-password-aliases
    lists all password aliases

list-persistence-resources
    gets all the persistence resources

list-registry-locations
    returns list of configured web service registry access points

list-resource-adapter-configs
    lists the resource adapters configured in an instance

list-resource-refs
    lists the existing resource references

list-shared-libraries
    lists the shared libraries installed into the JBI environment

list-sub-components
  lists EJBs or Servlets in a deployed module or in a module of a deployed application

list-system-properties
  lists the system properties of the domain, configuration, cluster, or server instance

list-threadpools
  lists the thread pools

list-timers
  lists all of the timers owned by server instance(s)

list-transformation-rules
  lists all the transformation rules of a given webservice

list-virtual-servers
  gets the virtual servers

list
  lists the configurable elements and provides the fully qualified dotted names of the management components that have read-only or modifiable attributes

login
  lets you log in to a domain

migrate-timers
  moves a timer when a server instance stops

monitor
  displays monitoring data for commonly-used Application Server components

multimode
  allows you to execute multiple commands while returning environment settings and remaining in the asadmin utility

ping-connection-pool
  tests if a connection pool is usable

ping-hadb-agent
  reports whether an HADB Management Agent can be communicated with

publish-to-registry
  publishes all the web service artifacts to registries

recover-transactions
  manually recovers pending transactions

remove-ha-cluster
  returns an HA cluster to non-HA status

restart-hadb
  stops and starts the specified HADB database

restart
  restarts the database

restore-domain
  restores files from backup

rollback-transaction
  rolls back the named transaction

set-hadb-info
  sets the HADB database attributes

set
  sets the values of attributes. Set command can be used to modify default properties of a
  resource.

show-component-status
  displays the status of the deployed component

show-jbi-binding-component
  shows detailed information about the specified binding component

show-jbi-service-assembly
  shows detailed information about a specified service assembly

show-jbi-service-engine
  shows detailed information about the specified service engine

show-jbi-shared-library
  shows detailed information about a specified shared library

shut-down-jbi-component
  shuts down a service engine or a binding component on the specified target

shut-down-jbi-service-assembly
  shuts down a JBI service assembly on the specified target

start-appserv
  starts the domains in the specified domains directory

start-callflow-monitoring
  provides the complete callflow/path of a request

start-cluster
  starts a cluster

start-database
  starts the bundled Java DB database

start-domain
  starts the given domain

start-hadb
    starts the specified HADB database

start-instance
    starts a server instance

start-jbi-component
    starts a service engine or a binding component on the specified target

start-jbi-service-assembly
    starts a service assembly on the specified target

start-node-agent
    starts a node agent

stop-appserv
    stops the domains in the specified domains directory

stop-callflow-monitoring
    disables collection of callflow information of a request

stop-cluster
    stops a cluster

stop-database
    stops the bundled Java DB database

stop-domain
    stops the given domain

stop-hadb
    stops the specified HADB database

stop-instance
    stops a server instance

stop-jbi-component
    stops a service engine or a binding component on the specified target

stop-jbi-service-assembly
    stops a service assembly on the specified target

stop-node-agent
    stops a node agent

undeploy-jbi-service-assembly
    undeploys a service assembly on the specified target

undeploy
    removes a component in the domain application server

unfreeze-transaction-service
    mobilizes the named transaction service

uninstall-jbi-component
   uninstalls a service engine or binding component on the specified target

uninstall-jbi-shared-library
   uninstalls a shared library on the specified target

unpublish-from-registry
   unpublishes the web service artifacts from the registries

unset
   removes one or more variables from the multimode environment

update-connector-security-map
   creates or modifies a security map for the specified connector connection pool

update-file-user
   updates a current file user as specified

update-password-alias
   updates a password alias

upgrade-jbi-component
   upgrades a service engine or binding component

verify-domain-xml
   verifies the content of the domain.xml

version
   displays the version information

The following commands are deprecated:

- display-license
- install-license
- restart-instance
- shutdown
- create-acl
- delete-acl
- list-acls
- start-appserv
- stop-appserv

Examples   EXAMPLE 1   Using help

```
asadmin> help
asadmin> create-domain --help
```

Where: **create-domain** is the command you wish to view the usage for.

See Also   asadmin(1)