

Name get– gets the values of configurable or monitorable attributes

Synopsis get
[*--help*]
[*--monitor* =[{true|false}]]
(*dotted-attribute--name*)+

Description The get subcommand gets the names and values of configurable or monitorable attributes for Enterprise Server elements.

The get subcommand uses dotted names to access attributes. You can use the `list(1)` subcommand to display the dotted names that represent individual server components and subsystems. For example, a dotted name might be `server.applications.web-module`. Attributes from the monitoring hierarchy are read-only, but configuration attributes can be modified using the `set(1)` subcommand. For more detailed information on dotted names, see the [dotted-names\(5ASC\)](#) help page.

Note – On Solaris™ systems, double quotes are required when running subcommands that use `*` (asterisk) as the option value or operand.

The following list shows common usage of the get subcommand:

get * or get *.*

Gets all values on all dotted name prefixes.

get domain* or get domain*.*

Gets all values on the dotted names that begin with domain.

get domain.*

Gets all values on the dotted name domain. Note that this example is quite different from domain*.

get *config*.*.*

Gets all values on the dotted names that match *config*.*.*

get domain.j2ee-applications.*.ejb-module.*.*

Gets all values on all EJB modules of all applications.

get *web-modules.*.*

Gets all values on all web modules whether in an application or standalone.

get *.*.*.*

Gets all values on all dotted names that have three parts.

The following list shows examples of the get subcommands with the `--monitor` option. Monitoring must be enabled for an object before attributes can be accessed.

get --monitor=true server.monitoring-service.module1-monitoring-levels.*

Gets the monitoring settings for all monitorable objects.

get monitor=true server.http-service.*

No output. A message states that there are no attributes at this node.

```
get monitor=true server.http-service.virtual-server1
```

No output. A message states that there are no attributes at this node.

```
get monitor=true server.http-service.virtual-server1.http-listener-1
```

Gets attributes and values that correspond to the HTTP listener statistics.

Options `--help`

Displays the help text for the subcommand.

`--monitor --m`

`--m`

Defaults to false. If set to false, the configurable attribute values are returned. If set to true, the monitorable attribute values are returned.

Operands *dotted-attribute-name*

Identifies the attribute name in the dotted notation. At least one dotted name attribute is required. The dotted notation is the syntax used to access attributes of configurable entities.

Examples **EXAMPLE 1** Getting the Attributes of a Configurable Element

This example gets the attributes of `listener.http-listener-1`.

```
asadmin> get server.http-service.http-listener.http-listener-1.*
server.http-service.http-listener.http-listener-1.acceptor-threads = 1
server.http-service.http-listener.http-listener-1.address = 0.0.0.0
server.http-service.http-listener.http-listener-1.blocking-enabled = false
server.http-service.http-listener.http-listener-1.default-virtual-server = server
server.http-service.http-listener.http-listener-1.enabled = true
server.http-service.http-listener.http-listener-1.external-port =
server.http-service.http-listener.http-listener-1.family = inet
server.http-service.http-listener.http-listener-1.id = http-listener-1
server.http-service.http-listener.http-listener-1.port = 8080
server.http-service.http-listener.http-listener-1.redirect-port =
server.http-service.http-listener.http-listener-1.security-enabled = false
server.http-service.http-listener.http-listener-1.server-name =
server.http-service.http-listener.http-listener-1.xpowered-by = true
```

Command `get` executed successfully.

EXAMPLE 2 Getting Monitorable Objects

This example gets the monitorable objects and shows whether they are enabled (LOW or HIGH) or disabled (OFF).

```
asadmin> get server.monitoring-service.module-monitoring-levels.*
```

The output shows that only the `jvm` component is enabled for monitoring (HIGH).

EXAMPLE 2 Getting Monitorable Objects *(Continued)*

```
server.monitoring-service.module-monitoring-levels.connector-connection-pool=OFF
server.monitoring-service.module-monitoring-levels.connector-service=OFF
server.monitoring-service.module-monitoring-levels.d-trace=OFF
server.monitoring-service.module-monitoring-levels.ejb-container=OFF
server.monitoring-service.module-monitoring-levels.http-service=OFF
server.monitoring-service.module-monitoring-levels.jdbc-connection-pool=OFF
server.monitoring-service.module-monitoring-levels.jms-service=OFF
server.monitoring-service.module-monitoring-levels.jvm=ON
server.monitoring-service.module-monitoring-levels.orb=OFF
server.monitoring-service.module-monitoring-levels.thread-pool=OFF
server.monitoring-service.module-monitoring-levels.transaction-service=OFF
server.monitoring-service.module-monitoring-levels.web-container=OFF
```

Command `get` executed successfully.

EXAMPLE 3 Getting Attributes and Values for a Monitorable Object

This example gets all attributes and values the `jvm` monitorable object.

```
asadmin> get --monitor=true server.jvm.*
server.jvm.HeapSize_Current = 45490176
server.jvm.HeapSize_Description = Describes JvmHeapSize
server.jvm.HeapSize_HighWaterMark = 45490176
server.jvm.HeapSize_LastSampleTime = 1063217002433
server.jvm.HeapSize_LowWaterMark = 0
server.jvm.HeapSize_LowerBound = 0
server.jvm.HeapSize_Name = JvmHeapSize
server.jvm.HeapSize_StartTime = 1063238840055
server.jvm.HeapSize_Unit = bytes
server.jvm.HeapSize_UpperBound = 531628032
server.jvm.Uptime_Count = 1063238840100
server.jvm.Uptime_Description = Describes JvmUptime
server.jvm.Uptime_LastSampleTime = 1-63238840070
server.jvm.Uptime_Name = JvmUptime
server.jvm.Uptime_StartTime = 1063217002430
server.jvm.Uptime_Unit = milliseconds
```

Command `get` executed successfully.

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

See Also `list(1)`, `set(1)`

[dotted-names\(5ASC\)](#)

`asadmin(1M)`

Sun GlassFish Enterprise Server v3 Administration Guide

