C H A P T E R **8**

MWTM NBAPI CLI Tools

MWTM provides utility tools to help you use the Northbound API (NBAPI). The following tools can be invoked from the command line (CLI) or wrapped within the script for Operations Support System (OSS) integration.

MWTM provides the following Northbound API CLI commands:

- , page 8-1

For information about other command line utilities available in MWTM, see the *User Guide for the Cisco Mobile Wireless Transport Manager 6.1.2*

The MWTM NBAPI also provides support for Hypertext Transfer Protocol over Secure Socket Layer (HTTPS). To set up secure access, see "Implementing SSL Support in the MWTM" in Chapter 2 of the .

mwtm dbtool

Server Only

Syntax

    mwtm dbtool {*SQL*}

Command Description

Issues a SQL query against the MWTM database. Use a standard SQL query, except replace any instances of the asterisk (*) with a question mark (?). For example, a sample SQL query might be:

```
"select * from events"
```

```
mwtm dbtool "select ? from events"
```

Note   You must log in as the root user or superuser to use this command.

mwtm eventtool

Server Only

Syntax

mwtm eventtool {**-a** *actionName*} {   }

Invokes MWTM event API operations.

These action names (and any corresponding required parameters) can be specified with the   option:

Option	Action Names	Required Parameters
	acknowledgeEvents	-l or -L
		-u
		-n
	appendNote	-e
		-n
		-u
	changeSeverities	-s
		-l or -L
		-u
		-n
	clearEvents	-l or -L
		-u
		-n
	deleteEvents	-l or -L
		-u
		-n
	getAllEventsAsTraps	-t
	getFilteredEventsAsTraps	-t
		-f
	getNote	-e
	setNote	-e
		-n
		-u

	Description
	Specifies an event ID parameter.
-f	Specifies a file name for EventFilter, which is an XML element defined in MWTM WSDL definitions.
-l	Specifies a file name for EventIDList, which is an XML element defined in MWTM WSDL definitions.
-n	Specifies an event note string.
-s	Specifies an event severity.
-t	Specifies a file name for TrapTarget, which is an XML element defined in MWTM WSDL definitions.
-u	Specifies a user ID for event operation.
-H	Specifies a hostname to connect to. If unspecified, the default value is obtained from the MWTM server **System.properties** file, SERVER_NAME property.
-p	Specifies a port to connect to. If unspecified, the default value is obtained from the MWTM server file, WEB_PORT property.
-L	Specifies a list of event IDs, separated by '|'.
-S	Specifies whether to use SSL (https) for NBAPI access. Default is no SSL.
-h	Prints help information.

mwtm inventorytool

Server Only

Syntax

$actionName\ [parameters]$

			config monitor
	all	**all**	
		System.properties	
		System.properties	

wtm provisiontool

Syntax

[   ]

Invokes provisioning API operations.

You can specify these action names (and any corresponding required parameters) by using the   option:

-a	provision	r
		-H
		-p
		-S
		-h
	syncFromDevice	-f
	iosWriteToStartup	-H
		-p
		-S
		-h

You can use these parameters:

-r	Specifies a file name for **ProvisionRequest**
	System.properties
	System.properties

You must log in as the root user or superuser to use this command.