

S102 MSC Configuration Mode Commands

The commands of the S102 MSC configuration mode define the characteristics of the CDMA2000 1xRTT mobile switching center (MSC) associated with the S102 interface.

Command Modes

Exec > Global Configuration > Context Configuration > S102 Service Configuration > S102 MSC Configuration

configure > context *context_name* **> s102-service** *service_name* **msc** *msc_name*

Entering the above command sequence results in the following prompt:

```
[context_name]host_name(config-s102-msc)#
```

Important The commands or keywords/variables that are available are dependent on platform type, product version, and installed license(s).

- do show, on page 1
- end, on page 2
- exit, on page 2
- ipv4-address, on page 2

do show

Executes all **show** commands while in Configuration mode.

Product

All

Privilege

Security Administrator, Administrator

Syntax Description

```
do show
```

Usage Guidelines

Use this command to run all Exec mode **show** commands while in Configuration mode. It is not necessary to exit the Config mode to run a **show** command.

The pipe character **|** is only available if the command is valid in the Exec mode.

Caution There are some Exec mode **show** commands which are too resource intensive to run from Config mode. These include: **do show support collection**, **do show support details**, **do show support record** and **do show support summary**. If there is a restriction on a specific **show** command, the following error message is displayed:

```
Failure: Cannot execute 'do show support' command from Config mode.
```

end

Exits the current configuration mode and returns to the Exec mode.

Product All

Privilege Security Administrator, Administrator

Syntax Description **end**

Usage Guidelines Use this command to return to the Exec mode.

exit

Exits the current mode and returns to the parent configuration mode.

Product All

Privilege Security Administrator, Administrator

Syntax Description **exit**

Usage Guidelines Use this command to return to the parent configuration mode.

ipv4-address

Adds the IPv4 address of the interface associated with the MSC, and optionally the port ID, to the S102 service configuration.

Product MME

Privilege Security Administrator, Administrator

Command Modes Exec > Global Configuration > Context Configuration > S102 Service Configuration > S102 MSC Configuration

configure > context *context_name* **> s102-service** *service_name* **msc** *msc_name*

Entering the above command sequence results in the following prompt:

```
[context_name]host_name(config-s102-msc)#
```

Syntax Description

[no] ipv4-address *ipv4_address* **port** *port_number*

no

Erases the specific IPv4 address configuration for the MSC from the S102 service configuration.

ipv4_address

Identifies IPv4 address of the interface to the MSC. The value for the IPv4 address must be entered in standard IPv4 dotted-decimal notation.

port *port_number*

If this keyword option is included with the command, it configures an identifying port number for the MSC. The port number must be an integer from 1 through 65535.

Usage Guidelines

It is possible to associate up to 10 IWS/MSCs with the S102 interface/service configuration. Repeat the **msc**, **ipv4-address**, and **exit** commands sequence as often as needed to identify all MSCs.

Example

Use a command similar to the following to define the target IPv4 address and port number for the MSC's interface:

```
msc 111.111.111.1 port 4334
```