



## 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
```

