



## S102 MSC Configuration Mode Commands

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

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### 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) #
```



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### Important

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

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- [end, on page 3](#)
- [exit, on page 4](#)
- [ipv4-address, on page 5](#)

# do show

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

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**Product**

All

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**Privilege**

Security Administrator, Administrator

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**Syntax Description**

**do show**

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**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.
```

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# end

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

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**Product**

All

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**Privilege**

Security Administrator, Administrator

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**Syntax Description**

**end**

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**Usage Guidelines**

Use this command to return to the Exec mode.

# exit

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

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**Product** All

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**Privilege** Security Administrator, Administrator

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**Syntax Description** `exit`

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**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.

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**Product** MME

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**Privilege** Security Administrator, Administrator

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**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)#
```

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**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.

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**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
```

