



## C Commands

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## customer-id (Call Home)

To configure the optional unique identification number for the customer, use the customer-id command. To remove a customer number, use the no form of this command.

```
customer-id customer-no
no customer-id
```

### Syntax Description

customer-no	Customer number, as specified in the service agreement. The customer number can be up to 255 alphanumeric characters in free format.
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### Command Default

None

### Command Modes

Callhome configuration mode

### Command History

Release	Modification
	This command was introduced.

### Usage Guidelines

You can configure the customer identification information that Cisco Smart Call Home should use. The service agreement includes the customer identification information, such as the customer ID, contract ID, and site ID.

### Examples

This example shows how to configure a customer number:

```
switch(config-callhome)# customer-id AXC-1203
switch(config-callhome)#
```

### Related Commands

Command	Description
site-id	Configures the site number for the switch.
show callhome	Displays a summary of the Call Home configuration.

## contract-id (Call Home)

To configure the optional contract number for the customer, use the `contract-id` command. To remove a contract number, use the `no` form of this command.

```
contract-id contract-number
no contract-id
```

### Syntax Description

<code>contract-number</code>	Contract number. The contract number can be up to 255 alphanumeric characters in free format.
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### Command Default

None

### Command Modes

Callhome configuration mode

### Command History

Release	Modification
	This command was introduced.

### Usage Guidelines

You can configure the customer identification information that Cisco Smart Call Home should use. The service agreement includes the customer identification information, such as the customer ID, contract ID, and site ID.

### Examples

This example shows how to configure the contract number for the customer:

```
switch(config-callhome)# contract-id 12095134-1706
switch(config-callhome)#
```

### Related Commands

Command	Description
<code>customer-id</code>	Configures the customer number for the switch.
<code>show callhome</code>	Displays a summary of the Call Home configuration.

## configure maintenance profile

To enter a maintenance profile configuration session to create a custom maintenance mode profile or a custom normal mode profile, use the `configure maintenance profile` command. To delete the existing maintenance mode profile or normal mode profile, use the `no` form of this command. Starting with Cisco NX-OS Release 7.3(0)N1(1), we recommend not using the `configure profile [maintenance-mode | normal-mode] type admin` command and we strongly recommend using the `configure maintenance profile [maintenance-mode | normal-mode]` command.

```
configure maintenance profile [maintenance-mode | normal-mode]
no configure maintenance profile [maintenance-mode | normal-mode]
```

### Syntax Description

<code>maintenance-mode</code>	Enters the maintenance profile configuration session for a maintenance mode profile.
<code>normal-mode</code>	Enters the maintenance profile configuration session for a normal mode profile.

### Command Default

None

### Command Modes

Privileged EXEC (#)

Global configuration mode (config)

### Command History

Release	Modification
7.3(0)N1(1)	This command was introduced.

### Usage Guidelines

This command does not require a license.

### Examples

This example shows how to enter a maintenance profile configuration session for a maintenance mode profile:

```
switch# configure maintenance profile maintenance-mode
Please configure 'system mode maintenance always-use-custom-profile' if you want to use
custom profile always for maintenance mode.
Enter configuration commands, one per line. End with CNTL/Z.
switch(config-mm-profile)#
```

This example shows how to enter a maintenance profile configuration session for a normal mode profile:

```
switch# configure maintenance profile normal-mode
Please configure 'system mode maintenance always-use-custom-profile' if you want to use
custom profile always for maintenance mode.
Enter configuration commands, one per line. End with CNTL/Z.
switch(config-mm-profile)#
```

This example shows how to delete a maintenance profile:

```
switch# no configure maintenance profile maintenance-mode
Maintenance mode profile maintenance-mode successfully deleted
Enter configuration commands, one per line. End with CNTL/Z.
Exit maintenance profile mode.
```

**Related Commands**

<b>Command</b>	<b>Description</b>
show run mmode	Displays the currently running maintenance profile configuration on a switch.
show system mode	Displays the current system mode and the current state of the maintenance mode timer when the switch is in maintenance mode.
system mode maintenance always-use-custom-profile	Applies the existing custom maintenance-mode profile and prevents creation of auto-generated maintenance-mode profile.
system mode maintenance on-reload reset-reason	Boots the switch into maintenance-mode automatically in the event of a specified system crash.
system mode maintenance shutdown	Shuts down all protocols and interfaces except the management interface (by using the shutdown command and not the default isolate command).
system mode maintenance timeout	Configures the maintenance window timer to keep the switch in maintenance mode for a specified number of minutes.

# commit (session)

To commit the current configuration session, use the commit command.

```
commit
```

**Syntax Description** This command has no arguments or keywords.

**Command Default** None

**Command Modes** Session configuration mode

Command History	Release	Modification
	5.2(1)N1(1)	This command was introduced.

**Examples** This example shows how to commit the current session:

```
switch(config-s)# commit
```

```
switch(config-s)#
```

Related Commands	Command	Description
	configure session	Creates a configuration session.
	show configuration session	Displays the contents of the session.
	verify	Verifies a session.

# commit (Call Home)

To commit Call Home configuration changes and distribute the changes to call Cisco Fabric Services (CFS)-enabled devices, use the commit command.

```
commit
```

**Syntax Description** This command has no arguments or keywords.

**Command Default** None

**Command Modes** Callhome configuration mode

Command History	Release	Modification
		This command was introduced.

**Examples** This example shows how to commit CFS Call Home configuration changes:

```
switch(config-callhome)# commit
switch(config-callhome)#
```

Related Commands	Command	Description
	show callhome	Displays Call Home configuration information.
	show running-config callhome	Displays the running configuration information for Call Home.

# clear ntp statistics

To clear the Network Time Protocol (NTP) session, use the clear ntp statistics command.

```
clear ntp statistics all-peers | io | local | memory
```

## Syntax Description

all-peers	Clears all peer transaction statistics.
io	Clears I/O statistics.
local	Clears local statistics.
memory	Clears memory statistics.

## Command Default

None

## Command Modes

EXEC mode

## Command History

Release	Modification
5.2(1)N1(1)	This command was introduced.

## Examples

This example shows how to discard the NTP I/O statistics:

```
switch# clear ntp statistics io
```

## Related Commands

Command	Description
show ntp	Displays NTP information.



# clear ntp session

To clear the Network Time Protocol (NTP) session, use the clear ntp session command.

```
clear ntp session
```

**Syntax Description** This command has no arguments or keywords.

**Command Default** None

**Command Modes** EXEC mode

**Command History**

Release	Modification
5.2(1)N1(1)	This command was introduced.

## Examples

This example shows how to discard the NTP Cisco Fabric Services (CFS) distribution session in progress:

```
switch# clear ntp session
```

**Related Commands**

Command	Description
show ntp	Displays NTP information.

# clear logging session

To clear the current logging session, use the clear logging session command.

```
clear logging session
```

**Syntax Description** This command has no arguments or keywords.

**Command Default** None

**Command Modes** EXEC mode

Command History	Release	Modification
	5.2(1)N1(1)	This command was introduced.

**Examples** This example shows how to clear the current logging session:

```
switch# clear logging session
```

Related Commands	Command	Description
	show logging session	Displays the logging session status.

# clear logging onboard

To clear the onboard failure logging (OBFL) entries in the persistent log, use the clear logging onboard command.

```
clear logging onboard [environmental-history] [exception-log] [obfl-log] [stack-trace]
```

Syntax Description	
environmental-history	(Optional) Clears the OBFL environmental history.
exception-log	(Optional) Clears the OBFL exception log entries.
obfl-log	(Optional) Clears the OBFL (boot-uptime/device-version/obfl-history).
stack-trace	(Optional) Clears the OBFL stack trace entries.

**Command Default** None

**Command Modes** EXEC mode

Command History	Release	Modification
	5.2(1)N1(1)	This command was introduced.

## Examples

This example shows how to clear the OBFL environmental history entries:

```
switch# clear logging onboard environmental-history
```

This example shows how to clear the OBFL exception-log entries:

```
switch# clear logging onboard exception-log
```

This example shows how to clear the OBFL (boot-uptime/device-version/obfl-history) entries:

```
switch# clear logging onboard obfl-log
```

This example shows how to clear the OBFL stack trace entries:

```
switch# clear logging onboard stack-trace
```

Related Commands	Command	Description
	show logging onboard	Displays onboard failure logs.

## clear logging nvram

To clear the NVRAM logs, use the clear logging nvram command.

```
clear logging nvram
```

**Syntax Description** This command has no arguments or keywords.

**Command Default** None

**Command Modes** EXEC mode

Command History	Release	Modification
	5.2(1)N1(1)	This command was introduced.

**Examples** This example shows how to clear the NVRAM logs:

```
switch# clear logging nvram
```

Related Commands	Command	Description
	show logging nvram	Displays the NVRAM logs.

# clear logging logfile

To clear the contents of the log file, use the clear logging logfile command.

```
clear logging logfile
```

**Syntax Description** This command has no arguments or keywords.

**Command Default** None

**Command Modes** EXEC mode

Release	Modification
5.2(1)N1(1)	This command was introduced.

**Examples** This example shows how to clear the logging logfile:

```
switch# clear logging logfile
switch#
```

Command	Description
show logging logfile	Displays the messages in the log file.

# callhome test

To send a Call Home test message to all configured destinations, use the callhome test command.

```
callhome test [inventory]
```

## Syntax Description

inventory	(Optional) Specifies that a Call Home inventory message be sent for testing the Call Home configuration.
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## Command Default

None

## Command Modes

EXEC mode

## Command History

Release	Modification
	This command was introduced.

## Examples

This example shows how to send a Call Home test message to all configured destinations:

```
switch# callhome test
trying to send test callhome message
successfully sent test callhome message
switch#
```

This example shows how to send a Call Home inventory message to all configured destinations:

```
switch# callhome test inventory
trying to send test callhome inventory message
successfully sent test callhome inventory message
switch#
```

## Related Commands

Command	Description
show callhome	Displays Call Home configuration information.
show running-config callhome	Displays the running configuration information for Call Home.

# callhome send diagnostic

To send a specified Call Home test message to all configured destinations, use the `callhome send diagnostic` command.

```
callhome send diagnostic
```

**Syntax Description** This command has no arguments or keywords.

**Command Default** None

**Command Modes** Callhome configuration mode

Command History	Release	Modification
		This command was introduced.

**Usage Guidelines** You can generate a test message to test your Call Home communications using the `callhome send diagnostic` command.

**Examples** This example shows how to configure Call Home to send test messages to all configured destinations:

```
switch(config-callhome) # callhome send diagnostic

switch(config-callhome) #
```

Related Commands	Command	Description
	show callhome	Displays Call Home configuration information.
	show running-config callhome	Displays the running configuration information for Call Home.

# callhome

To configure the Cisco Smart Call Home service and enter the callhome configuration mode, use the callhome command.

```
callhome
```

**Syntax Description** This command has no arguments or keywords.

**Command Default** None

**Command Modes** Global configuration mode

Command History	Release	Modification
		This command was introduced.

**Usage Guidelines** You must configure the e-mail, phone, and street address information for Call Home. You can optionally configure the contract ID, customer ID, site ID, and switch priority information.

**Examples** This example shows how to enter callhome configuration mode:

```
switch(config)# callhome
switch(config-callhome)#
```

Related Commands	Command	Description
	email-contact	Configures the e-mail address.
	show callhome	Displays a summary of the Call Home configuration.
	snmp-server contact	Configures the SNMP contact (sysContact).