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**default (ccn application)**  
**default (ccn engine)**  
**default (ccn trigger jtapi)**  
**default (ccn trigger sip)**  
**default ccm-manager (ccn subsystem jtapi)**  
**default ctiport (ccn subsystem jtapi)**  
**default gateway (ccn subsystem sip)**  
**default security password length min**  
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**description (ccn application)**  
**dtmf-relay**

# default (ccn application)

To reset a CCN application parameter to its default value, use the **default** command in CCN application configuration mode.

**default** { **description** | **enabled** | **maxsessions** | **parameter name** }

## Syntax Description

<b>description</b>	Sets the application description to the name of the application.
<b>enabled</b>	Enables the application.
<b>maxsessions</b>	Sets the maximum number of sessions to the port license number.
<b>parameter name</b>	Sets the parameter's value to the default set in the script.
<b>Note</b>	Parameter names can be viewed using the <b>show ccn application</b> command.

## Command Modes

CCN application configuration

## Command History

Cisco Unity Express Release	Modification
1.0	This command was introduced on the Cisco Unity Express network module and in Cisco Unified Communications Manager Express 3.0.
1.1	This command was implemented on the advanced integration module (AIM) and in Cisco Unified Communications Manager 3.3(3).
1.1.2	This command was implemented on the Cisco 2800 series and Cisco 3800 series routers.

## Usage Guidelines

The **default** command sets a Cisco Unified Communication Network (CCN) application parameter to its default value.

## Examples

The following example sets the maximum number of sessions to the port license number:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# ccn application voicemail
se-10-0-0-0(config-application)# default maxsessions
se-10-0-0-0(config-application)# end
se-10-0-0-0(config)# exit
```

## Related Commands

Command	Description
<a href="#">ccn application</a>	Configures the CCN applications, such as voice mail and auto attendant.
<a href="#">ccn engine</a>	Configures the parameters used by all CCN applications.

Command	Description
<a href="#">ccn trigger sip phonenumber</a>	Configures CCN trigger values for the applications.
<a href="#">show ccn application</a>	Displays all of the CCN application details.

## default (ccn engine)

To set the upper limit on the number of steps executed in a CCN application to the default value, use the **default** command in CCN engine configuration mode.

### default maxsteps

#### Syntax Description

<b>maxsteps</b>	Upper limit on the number of steps executed in a CCN application. The default is 1000.
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#### Command Modes

CCN engine configuration mode

#### Command History

Cisco Unity Express Release	Modification
1.0	This command was introduced on the Cisco Unity Express network module and in Cisco Unified Communications Manager Express 3.0.
1.1	This command was implemented on the advanced integration module (AIM) and in Cisco Unified Communications Manager 3.3(3).
1.1.2	This command was implemented on the Cisco 2800 series and Cisco 3800 series routers.

#### Examples

The following example resets the specified parameters to their factory values:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# ccn engine
se-10-0-0-0(config-engine)# default maxsteps
se-10-0-0-0(config-engine)# end
se-10-0-0-0(config)# exit
```

#### Related Commands

Command	Description
<a href="#">ccn application</a>	Configures the CCN applications, such as voice mail and auto attendant.
<a href="#">ccn engine</a>	Configures the parameters used by all CCN applications.
<a href="#">ccn trigger sip phonenumber</a>	Configures CCN trigger values for the applications.
<a href="#">show ccn engine</a>	Displays the CCN engine information.

## default (ccn trigger jtapi)

To reset a CCN JTAPI trigger parameter to its default value, use the **default** command in CCN trigger JTAPI configuration mode. To disable the trigger or to set the number of maxsessions to 0, use the **no** form of this command.

**default** { **application** | **enabled** | **idletimeout** | **locale** | **maxsessions** }

**no default** { **enabled** | **maxsessions** }

### Syntax Description

<b>application</b>	Has no effect on the application.
<b>enabled</b>	Enables the trigger. Use the <b>no</b> form of this command to disable the trigger.
<b>idletimeout</b>	Sets the idle timeout to 10,000 seconds.
<b>locale</b>	Sets the locale to "systemDefault."
<b>maxsessions</b>	Sets the maximum number of sessions to the port license number. Use the <b>no</b> form of this command to set the number to 0.

### Command Modes

CCN trigger JTAPI configuration

### Command History

Cisco Unity Express Release	Modification
1.0	This command was introduced on the Cisco Unity Express network module and in Cisco Unified Communications Manager Express 3.0.
1.1	This command was implemented on the advanced integration module (AIM) and in Cisco Unified Communications Manager 3.3(3).
1.1.2	This command was implemented on the Cisco 2800 series and Cisco 3800 series routers.

### Examples

The following example sets the maximum number of sessions to the port license number:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# ccn trigger jtapi phonenumber 1234
se-10-0-0-0(config-trigger)# default maxsessions
se-10-0-0-0(config-trigger)# end
se-10-0-0-0(config)# exit
```

### Related Commands

Command	Description
<a href="#">ccn application</a>	Configures the CCN applications, such as voice mail and auto attendant.
<a href="#">ccn engine</a>	Configures the parameters used by all CCN applications.
<a href="#">show ccn trigger</a>	Displays all of the CCN application details.

## default (ccn trigger sip)

To reset a CCN SIP trigger parameter to its default value, use the **default** command in CCN trigger SIP configuration mode. To disable the trigger or to set the number of maxsessions to 0, use the **no** form of this command.

**default** { **application** | **enabled** | **idletimeout** | **locale** | **maxsessions** }

**no default** { **enabled** | **maxsessions** }

### Syntax Description

<b>application</b>	Has no effect on the application.
<b>enabled</b>	Enables the trigger. Use the <b>no</b> form of this command to disable the trigger.
<b>idletimeout</b>	Sets the idle timeout to 10,000 seconds.
<b>locale</b>	Sets the locale to “systemDefault.”
<b>maxsessions</b>	Sets the maximum number of sessions to the port license number. Use the <b>no</b> form of this command to set the number to 0.

### Command Modes

CCN trigger SIP configuration

### Command History

Cisco Unity Express Release	Modification
1.0	This command was introduced on the Cisco Unity Express network module and in Cisco Unified Communications Manager Express 3.0.
1.1	This command was implemented on the advanced integration module (AIM) and in Cisco Unified Communications Manager 3.3(3).
1.1.2	This command was implemented on the Cisco 2800 series and Cisco 3800 series routers.

### Examples

The following example sets the maximum number of sessions to the port license number:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# ccn trigger sip phonenumber 1234
se-10-0-0-0(config-trigger)# default maxsessions
se-10-0-0-0(config-trigger)# end
se-10-0-0-0(config)# exit
```

### Related Commands

Command	Description
<a href="#">ccn application</a>	Configures the CCN applications, such as voice mail and auto attendant.
<a href="#">ccn engine</a>	Configures the parameters used by all CCN applications.
<a href="#">show ccn trigger</a>	Displays all of the CCN application details.

## default ccm-manager (ccn subsystem jtapi)

To reset a Cisco Unified Communications Manager JTAPI subsystem parameter used by Cisco Unity Express to its default value, use the **default ccm-manager** command in Cisco Unity Express CCN subsystem JTAPI configuration mode.

```
default ccm-manager {address | username | password}
```

Syntax Description	Parameter	Description
	<b>address</b>	Sets the IP address of the Cisco Unified Communications Manager server to 0.0.0.0.
	<b>username</b>	Sets the CCM JTAPI username to an empty string.
	<b>password</b>	Sets the CCM JTAPI password to an empty string.

**Command Modes** CCN subsystem JTAPI configuration

Command History	Cisco Unity Express Release	Modification
	1.0	This command was introduced on the Cisco Unity Express network module and in Cisco Unified Communications Manager Express 3.0.
	1.1	This command was implemented on the advanced integration module (AIM) and in Cisco Unified Communications Manager 3.3(3).
	1.1.2	This command was implemented on the Cisco 2800 series and Cisco 3800 series routers.

**Examples** The following example sets the Cisco Unified Communications Manager server address to 0.0.0.0.

```
se-10-0-0-0# config t
se-10-0-0-0(config)# ccn subsystem jtapi
se-10-0-0-0(config-jtapi)# default ccm-manager address
se-10-0-0-0(config-jtapi)# end
se-10-0-0-0(config)# exit
```

Related Commands	Command	Description
	<a href="#">ccn application</a>	Configures the CCN applications, such as voice mail and auto attendant.
	<a href="#">ccn engine</a>	Configures the parameters used by all CCN applications.
	<a href="#">ccn subsystem jtapi</a>	Configures CCM JTAPI parameters.
	<a href="#">ccn trigger sip phonenumber</a>	Configures CCN trigger values for the applications.
	<a href="#">show ccn subsystem jtapi</a>	Displays the CCN subsystem JTAPI details.

## default ctiport (ccn subsystem jtapi)

To reset the Cisco Unified Communications Manager CTI port address to its default value (an empty string), use the **default ctiport** command in Cisco Unity Express CCN subsystem JTAPI configuration mode.

### default ctiport

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

**Command Modes** CCN subsystem JTAPI configuration

Command History	Cisco Unity Express Release	Modification
	1.0	This command was introduced on the Cisco Unity Express network module and in Cisco Unified Communications Manager Express 3.0.
	1.1	This command was implemented on the advanced integration module (AIM) and in Cisco Unified Communications Manager 3.3(3).
	1.1.2	This command was implemented on the Cisco 2800 series and Cisco 3800 series routers.

**Examples** The following example sets the Cisco Unified Communications Manager CTI port address to an empty string.

```
se-10-0-0-0# config t
se-10-0-0-0(config)# ccn subsystem jtapi
se-10-0-0-0(config-jtapi)# default ctiport
se-10-0-0-0(config-jtapi)# end
se-10-0-0-0(config)# exit
```

Related Commands	Command	Description
	<a href="#">ccn application</a>	Configures the CCN applications, such as voice mail and auto attendant.
	<a href="#">ccn engine</a>	Configures the parameters used by all CCN applications.
	<a href="#">ccn subsystem jtapi</a>	Configures the CCM JTAPI parameters.
	<a href="#">ccn trigger sip phonenumber</a>	Configures CCN trigger values for the applications.
	<a href="#">show ccn subsystem jtapi</a>	Displays the CCN subsystem JTAPI details.



## default gateway (ccn subsystem sip)

To reset a SIP server parameter to its default value, use the **default gateway** command in Cisco Unity Express CCN subsystem SIP configuration mode.

```
default gateway {address | port}
```

### Syntax Description

<b>address</b>	Sets the IP address of the SIP server to 0.0.0.0.
<b>port</b>	Sets the SIP port to 5060.

### Command Modes

CCN subsystem SIP configuration

### Command History

Cisco Unity Express Release	Modification
1.0	This command was introduced on the Cisco Unity Express network module and in Cisco Unified Communications Manager Express 3.0.
1.1	This command was implemented on the advanced integration module (AIM) and in Cisco Unified Communications Manager 3.3(3).
1.1.2	This command was implemented on the Cisco 2800 series and Cisco 3800 series routers.

### Examples

The following example sets the SIP server port to 5060.

```
se-10-0-0-0# config t
se-10-0-0-0(config)# ccn subsystem sip
se-10-0-0-0(config-sip)# default gateway port
se-10-0-0-0(config-sip)# end
se-10-0-0-0(config)# exit
```

### Related Commands

Command	Description
<a href="#">ccn application</a>	Configures the CCN applications, such as voice mail and auto attendant.
<a href="#">ccn engine</a>	Configures the parameters used by all CCN applications.
<a href="#">ccn subsystem sip</a>	Configures the CCM JTAPI parameters.
<a href="#">ccn trigger sip phonenumber</a>	Configures CCN trigger values for the applications.
<a href="#">show ccn subsystem sip</a>	Displays the CCN subsystem SIP details.

# default security password length min

To set the length of the security password to the default minimum, use the **default security password length min** command in Cisco Unity Express configuration mode.

## default security password length min

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

**Defaults** The password length is 3.

**Command Modes** Cisco Unity Express configuration

Command History	Cisco Unity Express Release	Modification
	2.1	This command was introduced.

**Examples** The following example resets the password length:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# default security password length min
se-10-0-0-0(config)# end
```

Related Commands	Command	Description
	<b>security password</b>	Configures the system-wide password length and expiry time.
	<b>show security detail</b>	Displays the password and PIN settings.

# default security pin length min

To set the length of the security PIN to the default minimum, use the **default security pin length min** command in Cisco Unity Express configuration mode.

## default security pin length min

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

**Defaults** The PIN length is 3.

**Command Modes** Cisco Unity Express configuration

Command History	Cisco Unity Express Release	Modification
	2.1	This command was introduced.

**Examples** The following example resets the PIN length:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# default security pin length min
se-10-0-0-0(config)# end
```

Related Commands	Command	Description
	<b>security pin</b>	Configures the system-wide pin length and expiry time.
	<b>show security detail</b>	Displays the password and PIN settings.

## description (ccn application)

To specify an optional description for a CCN application, use the **description** command in Cisco Unity Express CCN application configuration mode. To remove the description, use the **no** form of this command.

**description** *“text”*

**no description** *“text”*

### Syntax Description

<i>text</i>	Specifies a text description for the application. Use double quotes around the text.
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### Defaults

No string is defined.

### Command Modes

CCN application configuration

### Command History

Cisco Unity Express Release	Modification
1.0	This command was introduced on the Cisco Unity Express network module and in Cisco Unified Communications Manager Express 3.0.
1.1	This command was implemented on the advanced integration module (AIM) and in Cisco Unified Communications Manager 3.3(3).
1.1.2	This command was implemented on the Cisco 2800 series and Cisco 3800 series routers.

### Examples

The following example adds a description for the CCN autoattendant application:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# ccn application autoattendant
se-10-0-0-0(config-application)# description "Release 1 AA"
se-10-0-0-0(config-application)# end
se-10-0-0-0(config)# exit
```

### Related Commands

Command	Description
<a href="#">ccn application</a>	Configures the CCN applications, such as voice mail and auto attendant.
<a href="#">show ccn application</a>	Displays the CCN application details.

# dtmf-relay

To set the SIP DTMF relay mechanism, use the **dtmf-relay** command in Cisco Unity Express SIP configuration mode. To use the default values, use the **no** or **default** form of this command.

```
dtmf-relay { rtp-nte | sub-notify | info | sip-notify }
```

```
no dtmf-relay
```

```
default dtmf-relay
```

Syntax Description		
	<b>rtp-nte</b>	Uses the media path to relay incoming and outgoing DTMF signals to Cisco Unity Express.
	<b>sub-notify</b>	Uses Subscribe and Notify messages to relay for incoming DTMF signals to Cisco Unity Express. This option is not available for outgoing DTMF signals from Cisco Unity Express.
	<b>info</b>	Uses the Info message to relay outgoing DTMF signals from Cisco Unity Express to the Cisco IOS SIP gateway.
	<b>sip-notify</b>	Uses Unsolicited-Notify messages to relay incoming and outgoing DTMF signals.

## Defaults

**sip-notify**, **sub-notify** is the default combination.

## Command Modes

Cisco Unity Express SIP configuration

## Command History

Cisco Unity Express Release	Modification
2.3	This command was introduced.

## Usage Guidelines

To use the **rtp-nte** option, verify that the Cisco IOS SIP gateway is configured to use Unsolicited NOTIFY for SIP calls, as shown in the following example:

```
dial-peer voice 1000 voip
  destination-pattern 6700
  session protocol sipv2
  session target ipv4:10.100.9.6
  dtmf-relay sip-notify rtp-nte
  codec g711ulaw
  no vad
```

To use the **sip-notify** option, verify that the Cisco IOS SIP gateway is configured to use Unsolicited NOTIFY for SIP calls, as shown in the following example:

```
dial-peer voice 1 voip
  destination-pattern 6700
  session protocol sipv2
  session target ipv4:10.100.9.6
  dtmf-relay sip-notify
  codec g711ulaw
  no vad
```

Configure more than one option for transferring DTMF signals. The order in which you configure the options determines their order of preference. To configure more than one signal option, specify them using a single **dtmf-relay** command.

Table 2 shows the various option combinations, the remote end capability, and the signaling option for incoming and outgoing DTMF signals.

**Table 2** DTMF Relay Option Combinations

Cisco Unity Express Configuration	Option Supported at Remote End	Option Used for Incoming DTMF to Cisco Unity Express	Option Used for Outgoing DTMF from Cisco Unity Express
sub-notify	—	sub-notify	no DTMF
info	—	no DTMF	info
rtp-nte	rtp-nte	rtp-nte	rtp-nte
sip-notify	sip-notify	sip-notify	sip-notify
sip-notify, rtp-nte	rtp-nte, sip-notify	sip-notify <sup>1</sup>	sip-notify <sup>1</sup>
sip-notify, rtp-nte	rtp-nte	rtp-nte	rtp-nte
sip-notify, info	sip-notify	sip-notify	sip-notify
sip-notify, info	no support <sup>2</sup>	no DTMF	info
sip-notify, sub-notify	sip-notify	sip-notify	sip-notify
sip-notify, sub-notify	no support <sup>2</sup>	sub-notify	sub-notify
sip-notify, rtp-nte, info	rtp-nte	rtp-nte	rtp-nte
sip-notify, rtp-nte, info	sip-notify	sip-notify	sip-notify
sip-notify, rtp-nte, info	no support <sup>2</sup>	no DTMF	info
sip-notify, rtp-nte, sub-notify	rtp-nte	rtp-nte	rtp-nte
sip-notify, rtp-nte, sub-notify	sip-notify	sip-notify	sip-notify
sip-notify, rtp-nte, sub-notify	no support <sup>2</sup>	sub-notify	no DTMF
sub-notify, info	—	sub-notify	info
rtp-nte, sub-notify	rtp-nte	rtp-nte	rtp-nte
rtp-nte, sub-notify	no support <sup>2</sup>	sub-notify	no DTMF
rtp-nte, info	rtp-nte	rtp-nte	rtp-nte
rtp-nte, info	no support <sup>2</sup>	no DTMF	info
sip-notify, rtp-nte, sub-notify, info	sip-notify, rtp-nte	sip-notify	sip-notify
sip-notify, rtp-nte, sub-notify, info	rtp-nte	rtp-nte	rtp-nte
sip-notify, rtp-nte, sub-notify, info	no support <sup>2</sup>	sub-notify	info

1. For incoming call. For outgoing call, the remote end decides between rtp-nte and sip-notify.

2. No support for rtp-nte and sip-notify.

**Examples**

The following example configures the options **sip-notify** and **rtp-nte** for handling DTMF signals.

```
se-10-0-0-0# config t
se-10-0-0-0(config)# ccn subsystem sip
se-10-0-0-0(config-sip)# dtmf-relay sip-notify rtp-nte
se-10-0-0-0(config-sip)# end
se-10-0-0-0(config)# end
se-10-0-0-0#
```

**Related Commands**

Command	Description
<a href="#">ccn subsystem sip</a>	Enters SIP configuration mode.
<a href="#">mwi sip</a>	Sets the MWI notification mechanism used by Cisco Unity Express.
<a href="#">show ccn sip subscription mwi</a>	Displays the active MWI subscriptions.
<a href="#">show ccn subsystem sip</a>	Displays the DTMF relay mechanism.
<a href="#">transfer-mode</a>	Sets the transfer mode used by Cisco Unity Express for SIP calls.

