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**Last Updated: June 19, 2007**

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# database (ccn reporting historical)

To configure the Cisco Unity Express IVR reporting historical local database, use the **database local** command in Cisco Unity Express IVR reporting historical configuration mode. Use the **no** form of this command to remove the database configuration.

**database local**

**no database local**

## Syntax Description

This command has no arguments or keywords.

## Command Default

The Cisco Unity Express IVR reporting historical database is set up as a local database by default.

## Command Modes

Cisco Unity Express IVR reporting historical configuration

## Command History

Cisco Unity Express Version	Modification
3.0	This command was introduced.

## Examples

The following example configures the Cisco Unity Express IVR reporting historical local database:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# ccn reporting historical
se-10-0-0-0(config-hrdm)# database local
se-10-0-0-0(config-hrdm)# end
se-10-0-0-0(config)# exit
```

## Related Commands

Command	Description
<a href="#">show ccn reporting historical</a>	Displays the Cisco Unity Express IVR reporting historical database configuration settings.

# db-hostname (ccn subsystem edbs dbprofile)–IVR Only

To configure the hostname for the Cisco Unity Express IVR enterprise database subsystem (EDBS), use the **db-hostname** command in Cisco Unity Express IVR EDBS configuration mode. To change the hostname to the default hostname, use the **no** form of this command.

**db-hostname** *hostname*

**no db-hostname** *hostname*

## Syntax Description

<i>hostname</i>	Name of the host system. Do not include the domain name.
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## Defaults

The default is the IP address of the Cisco Unity Express IVR module.

## Command Modes

Cisco Unity Express IVR EDBS configuration

## Command History

Cisco Unity Express Version	Modification
3.0	This command was introduced.

## Usage Guidelines

The *hostname* value identifies the Cisco Unity Express IVR module. The default value is the IP address of the module.



### Note

Cisco Unity Express uses the *hostname* value in the Cisco Unity Express IVR module prompt.

## Examples

The following example changes the hostname of the module to *myHost* and then restores the default hostname:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# db-hostname myHost
mybranch(config)# no db-hostname myHost
se-10-0-0-0(config)#
```

## Related Commands

Command	Description
<a href="#">show ccn subsystem edbs dbprofile–IVR Only</a>	Displays the Cisco Unity Express IVR Enterprise database profile settings.

## dbname (ccn subsystem edbs dbprofile)–IVR Only

To specify a Cisco Unity Express IVR enterprise database subsystem (EDBS) name, use the **dbname** command in Cisco Unity Express IVR EDBS profile configuration mode. To delete the database name, use the **no** form of this command.

**dbname** *external-db-name*

**no dbname** *external-db-name*

### Syntax Description

<i>external-db-name</i>	Specifies an external database name as a string.
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### Command Default

There is no default database name.

### Command Modes

Cisco Unity Express IVR EDBS profile configuration

### Command History

Cisco Unity Express Version	Modification
3.0	This command was introduced.

### Usage Guidelines

After the **ccn subsystem edbs dbprofile** command is successfully performed, the **dbname** command is used to specify the name of the external database. If this name is not specified, the Java Database Connectivity (JDBC) driver uses the default database to connect. If you specify a name, the JDBC driver connects to the external database of that name.

### Examples

The following example configures the optional database name:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# ccn subsystem edbs dbprofile mydbprofile
Adding new Database profile
se-10-0-0-0(config-dbprof)# dbname atlanta
se-10-0-0-0(config-dbprof)# end
se-10-0-0-0(config)# exit
```

### Related Commands

Command	Description
<a href="#">show ccn subsystem edbs dbprofile–IVR Only</a>	Displays the Cisco Unity Express IVR EDBS database configuration settings.

## db-password (ccn subsystem edbs dbprofile)–IVR Only

To configure the password for the Cisco Unity Express IVR enterprise database subsystem (EDBS), use the **db-password** command in Cisco Unity Express IVR EDBS configuration mode. To remove the password, use the **no** form of this command.

**db-password** *password*

**no db-password** *password*

Syntax Description	<div><div>password</div><div>Set the password for the system.</div></div>							
Defaults	None							
Command Modes	Cisco Unity Express IVR EDBS configuration							
Command History	<table><tr><th>Cisco Unity Express Version</th><th>Modification</th></tr><tr><td>3.0</td><td>This command was introduced.</td></tr></table>		Cisco Unity Express Version	Modification	3.0	This command was introduced.		
Cisco Unity Express Version	Modification							
3.0	This command was introduced.							
Usage Guidelines	When you configure a password you must also configure a username by using the <b>db-username</b> command.							
Examples	<p>The following example sets the password of the module:</p> <pre>se-10-0-0-0# config t se-10-0-0-0(config)# ccn subsystem edbs dbprofile mydbprofile Adding new Database profile se-10-0-0-0(config-dbprof)# db-username James se-10-0-0-0(config-dbprof)# db-password dbpasswd se-10-0-0-0(config-dbprof)# end se-10-0-0-0(config)# exit</pre>							
Related Commands	<table><tr><th>Command</th><th>Description</th></tr><tr><td><a href="#">db-username (ccn subsystem edbs dbprofile)–IVR Only</a></td><td>Configures the username for the Cisco Unity Express IVR EDBS.</td></tr><tr><td><a href="#">show ccn subsystem edbs dbprofile–IVR Only</a></td><td>Displays the Cisco Unity Express IVR Enterprise database profile settings.</td></tr></table>		Command	Description	<a href="#">db-username (ccn subsystem edbs dbprofile)–IVR Only</a>	Configures the username for the Cisco Unity Express IVR EDBS.	<a href="#">show ccn subsystem edbs dbprofile–IVR Only</a>	Displays the Cisco Unity Express IVR Enterprise database profile settings.
Command	Description							
<a href="#">db-username (ccn subsystem edbs dbprofile)–IVR Only</a>	Configures the username for the Cisco Unity Express IVR EDBS.							
<a href="#">show ccn subsystem edbs dbprofile–IVR Only</a>	Displays the Cisco Unity Express IVR Enterprise database profile settings.							

## db-port (ccn subsystem edbs dbprofile)–IVR Only

To specify the Cisco Unity Express IVR enterprise database subsystem (EDBS) port number, use the optional **db-port** command in Cisco Unity Express IVR EDBS profile configuration mode. To delete the database port number, use the **no** form of this command.

**db-port** *port-number*

**no db-port** *port-number*

<b>Syntax Description</b>	<i>port-number</i> (Optional) Port number other than the default port number for the Cisco Unity Express IVR EDBS.	
<b>Command Default</b>	None	
<b>Command Modes</b>	Cisco Unity Express IVR EDBS profile configuration	
<b>Command History</b>	<b>Cisco Unity Express Version</b>	<b>Modification</b>
	3.0	This command was introduced.
<b>Usage Guidelines</b>	After the <b>ccn subsystem edbs dbprofile</b> command is successfully performed, use the optional <b>db-port</b> command to specify a port number other than the default port number of the database. Although databases are typically started using their default port numbers, the default port number might have been changed to a different port number. If the port number is some number other than the default port number, you must use the <b>db-port</b> command to specify this port number; otherwise, there is no need to use this command.	
<b>Examples</b>	<p>The following example configures the Cisco Unity Express IVR EDBS to use port number 10:</p> <pre> se-10-0-0-0# config t se-10-0-0-0(config)# ccn subsystem edbs dbprofile mydbprofile Adding new Database profile se-10-0-0-0(config-dbprof)# db-port 10 se-10-0-0-0(config-dbprof)# end se-10-0-0-0(config)# exit </pre>	
<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	<a href="#">show ccn subsystem edbs dbprofile–IVR Only</a>	Displays the Cisco Unity Express IVR EDBS configuration settings.

## dbtype (ccn subsystem edbs dbprofile)–IVR Only

To configure the Cisco Unity Express IVR enterprise database subsystem (EDBS) type, use the **dbtype** command to set the database type in Cisco Unity Express IVR EDBS profile configuration mode. To delete a database type, use the **no** form of this command.

**dbtype** {DB2 | MSSQL-MSDE | ORACLE | SYBASE}

**no dbtype** {DB2 | MSSQL-MSDE | ORACLE | SYBASE}

<b>Syntax Description</b>	<b>DB2</b>	Sets the underlying database subsystem to be an IBM database.
	<b>MSSQL-MSDE</b>	Sets the underlying database subsystem to be a Microsoft SQL or Microsoft Database Engine database.
	<b>ORACLE</b>	Sets the underlying database subsystem to be an Oracle database.
	<b>SYBASE</b>	Sets the underlying database subsystem to be a Sybase database.

**Command Default** No database type is configured.

**Command Modes** Cisco Unity Express IVR EDBS profile configuration

<b>Command History</b>	<b>Cisco Unity Express Version</b>	<b>Modification</b>
	3.0	This command was introduced.

**Usage Guidelines** After the **ccn subsystem edbs dbprofile** command is successfully performed, the **dbtype** command is used to set the database type as DB2, MSSQL-MSDE, Oracle, or Sybase. The **dbtype** command is required.

**Examples** The following example sets the database type to be Sybase:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# ccn subsystem edbs dbprofile mydbprofile
Adding new Database profile
se-10-0-0-0(config-dbprof)# dbtype sybase
se-10-0-0-0(config-dbprof)# end
se-10-0-0-0(config)# exit
```

<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	<a href="#">show ccn subsystem edbs dbprofile–IVR Only</a>	Displays the Cisco Unity Express IVR Enterprise database profile settings.

# db-username (ccn subsystem edbs dbprofile)–IVR Only

To specify the required username for connecting to the Cisco Unity Express IVR enterprise database subsystem (EDBS), use the **db-username** command in Cisco Unity Express IVR EDBS profile configuration mode. To delete the specified username and password strings, use the **no** form of this command.

**db-username** *userid*

**no db-username** *userid*

## Syntax Description

<i>userid</i>	Username for authenticating connection to the database.
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## Command Default

No username is configured.

## Command Modes

Cisco Unity Express IVR EDBS profile configuration

## Command History

Cisco Unity Express Version	Modification
3.0	This command was introduced.

## Usage Guidelines

When you configure a username you must also configure a password by using the **db-password** command.

## Examples

The following example configures the database profile username and password:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# ccn subsystem edbs dbprofile mydbprofile
Adding new Database profile
se-10-0-0-0(config-dbprof)# db-username James
se-10-0-0-0(config-dbprof)# db-password dbpasswd
se-10-0-0-0(config-dbprof)# end
se-10-0-0-0(config)# exit
```

## Related Commands

Command	Description
<a href="#">db-password (ccn subsystem edbs dbprofile)–IVR Only</a>	Configures the password for the Cisco Unity Express IVR EDBS.
<a href="#">show ccn subsystem edbs dbprofile–IVR Only</a>	Displays the Cisco Unity Express IVR EDBS profile settings.



## 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</b> <i>name</i>	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	maxsteps	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
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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 reporting historical)

To reset the values for the Cisco Unity Express IVR reporting historical database to their default values, use the **default** command in Cisco Unity Express IVR reporting historical configuration mode.

**default** { **database** | **description** | **enabled** | **purge** }

## Syntax Description

<b>database</b>	Cisco Unity Express IVR reporting historical database is set up as a Local database by default.
<b>description</b>	(Optional) Hostname of the Cisco Unity Express system.
<b>enabled</b>	Enables the reporting historical database. Use the <b>no</b> form of this command to disable the reporting historical database.
<b>purge</b>	No purge parameters are configured.

## Command Default

The default is the hostname of the Cisco Unity Express system.

## Command Modes

Cisco Unity Express IVR reporting historical configuration

## Command History

Cisco Unity Express Version	Modification
3.0	This command was introduced,

## Usage Guidelines

To allow the database server to differentiate data for every Cisco Unity Express IVR system that saves historical data to the same database, create a descriptive name for the Cisco Unity Express IVR historical database.

## Examples

The following example resets the Cisco Unity Express IVR reporting historical database parameters to their default values:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# ccn reporting historical
se-10-0-0-0(config-hrdm)# default database local
se-10-0-0-0(config-hrdm)# default description
se-10-0-0-0(config-hrdm)# default enabled
se-10-0-0-0(config-hrdm)# default purge
se-10-0-0-0(config-hrdm)# end
se-10-0-0-0(config)# exit
```

## Related Commands

Command	Description
<a href="#">show ccn reporting historical</a>	Displays the Cisco Unity Express IVR reporting historical database configuration settings.

## default (ccn subsystem edbs dbprofile)—IVR Only

To reset the Cisco Unity Express IVR enterprise database subsystem (EDBS) values to their default values, use the **default** command in Cisco Unity Express IVR EDBS profile configuration mode.

```
default {credentials | dbname | dbtype | description | enabled | db-hostname | maxactive |
parameter | db-password | db-port | db-username}
```

Syntax Description		
<b>credentials</b>		Has no effect on the Cisco Unity Express IVR enterprise database.
<b>dbname</b>		No database name is configured.
<b>dbtype</b>		No database type is configured.
<b>description</b>		(Optional) Hostname of the Cisco Unity Express system.
<b>enabled</b>		Enables the Cisco Unity Express IVR enterprise database. Use the <b>no</b> form of the command to disable the enterprise database.
<b>db-hostname</b>		Cisco Unity Express IVR reporting historical database is set up as a local database.
<b>maxactive</b>		Sets the maximum value: twice the number of licensed Cisco Unity Express IVR sessions.
<b>parameter</b>		(Optional) No parameter name-value pair is configured.
<b>db-password</b>		Sets the Cisco Unity Express IVR enterprise database password to an empty string.
<b>db-port</b>		(Optional) Sets the port number to the default port number.
<b>db-username</b>		Sets the Cisco Unity Express IVR enterprise database username to an empty string.

**Command Modes** Cisco Unity Express IVR EDBS profile configuration

Command History	Cisco Unity Express Version	Modification
	3.0	This command was introduced.

**Usage Guidelines** After entering the **ccn subsystem edbs profile** command, use the **default** command to reset the database values to their default values.

**Examples** The following example resets the Cisco Unity Express IVR EDBS values to their default values:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# ccn subsystem edbs dbprofile mydbprofile
Adding new Database profile
se-10-0-0-0(config-dbprof)# default credentials
se-10-0-0-0(config-dbprof)# default dbname
se-10-0-0-0(config-dbprof)# default dbtype
se-10-0-0-0(config-dbprof)# default description
se-10-0-0-0(config-dbprof)# default enabled
se-10-0-0-0(config-dbprof)# default db-hostname
```

## ■ default (ccn subsystem edbs dbprofile)—IVR Only

```

se-10-0-0-0(config-dbprof)# default maxactive
se-10-0-0-0(config-dbprof)# default parameter
se-10-0-0-0(config-dbprof)# default db-password
se-10-0-0-0(config-dbprof)# default db-port
se-10-0-0-0(config-dbprof)# default db-username
se-10-0-0-0(config-dbprof)# end
se-10-0-0-0(config)# exit

```

### Related Commands

Command	Description
<a href="#">show ccn subsystem edbs dbprofile—IVR Only</a>	Displays the Cisco Unity Express IVR EDBS profile settings.

## default (ccn subsystem fax)—IVR Only

To delete the fax *default-from* e-mail address of the Cisco Unity Express IVR fax application, use the **default** command in Cisco Unity Express IVR fax configuration mode.

**default default-from** *email-address-string*

<b>Syntax Description</b>	<i>email-address-string</i> E-mail address string of the <i>default-from</i> address of the fax application.				
<b>Command Default</b>	None				
<b>Command Modes</b>	Cisco Unity Express IVR fax configuration				
<b>Command History</b>	<table> <tr> <th>Cisco Unity Express Version</th><th>Modification</th></tr> <tr> <td>3.0</td><td>This command was introduced.</td></tr> </table>	Cisco Unity Express Version	Modification	3.0	This command was introduced.
Cisco Unity Express Version	Modification				
3.0	This command was introduced.				
<b>Examples</b>	<p>This example removes the Cisco Unity Express IVR fax <i>default-from</i> e-mail address of the fax application:</p> <pre> se-10-0-0-0# config t se-10-0-0-0(config)# ccn subsystem fax se-10-0-0-0(config-fax)# default default from name@domain.com se-10-0-0-0(config-fax)# end se-10-0-0-0(config)# exit </pre>				
<b>Related Commands</b>	<table> <tr> <th>Command</th><th>Description</th></tr> <tr> <td><a href="#">show ccn subsystem fax—IVR Only</a></td><td>Displays the Cisco Unity Express IVR fax subsystem configuration settings.</td></tr> </table>	Command	Description	<a href="#">show ccn subsystem fax—IVR Only</a>	Displays the Cisco Unity Express IVR fax subsystem configuration settings.
Command	Description				
<a href="#">show ccn subsystem fax—IVR Only</a>	Displays the Cisco Unity Express IVR fax subsystem configuration settings.				

# default (ccn trigger http)—IVR Only

To reset the Cisco Unity Express IVR HTTP trigger values to their default values, use the **default** command in Cisco Unity Express IVR HTTP trigger configuration mode.

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

Syntax Description		
<b>application</b>		Has no effect on the application.
<b>enabled</b>		Enables the HTTP trigger. Use the <b>no</b> form of this command to disable the HTTP 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.

<b>Command Modes</b>	Cisco Unity Express IVR HTTP trigger configuration
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Command History	Cisco Unity Express Version	Modification
	3.0	This command was introduced.

<b>Usage Guidelines</b>	After the <b>ccn trigger http</b> command is successfully performed, use the <b>default</b> command to reset the HTTP trigger values to their default values.
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<b>Examples</b>	The following example resets the Cisco Unity Express IVR HTTP-based trigger values to their default values:
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```
se-10-0-0-0# config t
se-10-0-0-0(config)# ccn trigger http
se-10-0-0-0(config-trigger)# default application
se-10-0-0-0(config-trigger)# default enabled
se-10-0-0-0(config-trigger)# default idletimeout
se-10-0-0-0(config-trigger)# default locale
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="#">show ccn trigger http—IVR Only</a>	Displays the trigger and application settings. Use the <b>show ccn trigger http</b> command option to display the Cisco Unity Express IVR HTTP-based trigger settings.



## 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
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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 phonenummer 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 all</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 all</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		
<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
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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.
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```
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

<b>Syntax Description</b>	This command has no arguments or keywords.
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<b>Defaults</b>	The PIN length is 3.
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<b>Command Modes</b>	Cisco Unity Express configuration
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Command History	Cisco Unity Express Release	Modification
	2.1	This command was introduced.

<b>Examples</b>	<p>The following example resets the PIN length:</p> <pre>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</pre>
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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.

## default-from (ccn subsystem fax)—IVR Only

To configure the *default-from* address for the Cisco Unity Express IVR fax application, use the **default-from** command in Cisco Unity Express IVR fax configuration mode. Use the **no** form of this command to delete the *default-from* address.

**default-from** *email-address-string*

**no default-from** *email-address-string*

### Syntax Description

<i>email-address-string</i>	E-mail address string of the <i>default-from</i> address of the fax application.
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### Command Modes

Cisco Unity Express IVR fax configuration

### Command History

Cisco Unity Express Version	Modification
3.0	This command was introduced.

### Usage Guidelines

Enter a valid e-mail address string that is capable of receiving e-mail deliveries. This address must also be capable of receiving notifications of delivery failures.

### Examples

The following example resets the fax *default-from* e-mail address:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# ccn subsystem fax
se-10-0-0-0(config-fax)# default-from name@domain.com
se-10-0-0-0(config-fax)# end
se-10-0-0-0(config)# exit
```

### Related Commands

Command	Description
<a href="#">show ccn subsystem fax—IVR Only</a>	Displays the Cisco Unity Express IVR fax subsystem configuration 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.

# description (ccn reporting historical)

To create a descriptive name for the Cisco Unity Express IVR reporting historical database, use the optional **description** command in Cisco Unity Express IVR reporting historical configuration mode. Use the **no** form of this command to set the description to the configured hostname of the system.

**description** *word*

**no description** *word*

## Syntax Description

<i>word</i>	The description of the reporting historical database.
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## Command Default

Hostname of the Cisco Unity Express system.

## Command Modes

Cisco Unity Express IVR reporting historical configuration

## Command History

Cisco Unity Express Version	Modification
3.0	This command was introduced,

## Usage Guidelines

Allows the database server to differentiate data among multiple Cisco Unity Express systems that save historical data to the same database, create a descriptive name for the Cisco Unity Express historical database.

## Examples

The following example creates a database description for the Cisco Unity Express IVR reporting historical database:

```
se-10-0-0-0# config t
se-10-0-0-0(config)# ccn reporting historical
se-10-0-0-0(config-hrdm)# description cue-192-1-2-11
se-10-0-0-0(config-hrdm)# end
se-10-0-0-0(config)# exit
```

## Related Commands

Command	Description
<a href="#">show ccn reporting historical</a>	Displays the Cisco Unity Express IVR reporting historical database configuration settings.

# 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*

<b>Cisco Unity Express Configuration</b>	<b>Option Supported at Remote End</b>	<b>Option Used for Incoming DTMF to Cisco Unity Express</b>	<b>Option Used for Outgoing DTMF from Cisco Unity Express</b>
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.

