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[trace networking all](#)
[trace networking database](#)
[trace networking dns](#)
[trace networking jobqueue](#)
[trace networking smtp](#)
[trace networking sysdb](#)
[trace networking vvim](#)
[transfer-mode](#)

trace networking all

To enable tracing for all network functions, use the **trace networking all** command in Cisco Unity Express EXEC mode.

trace networking all

Syntax Description This command has no arguments or keywords.

Command Modes Cisco Unity Express EXEC

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

Examples The following example shows output from the **trace networking all** command:

trace networking database

To enable tracing for network database functions, use the **trace networking database** command in Cisco Unity Express EXEC mode.

trace networking database [**all** | **connection** | **execute** | **garbage** | **largeobject** | **mgmt** | **query** | **results** | **transactions**]

Syntax Description	
all	(Optional) Enables tracing for every database event.
connection	(Optional) Enables tracing for database connections.
execute	(Optional) Enables tracing for inserts and updates performed on the database.
garbage	(Optional) Enables tracing for the garbage data collection process.
largeobject	(Optional) Enables tracing for large object reads and writes to the database.
mgmt	(Optional) Enables tracing for database management processes.
query	(Optional) Enables tracing for queries performed on the database.
results	(Optional) Enables tracing for the results of queries, inserts, and updates.
transaction	(Optional) Enables tracing for the start and end of database transactions.

Command Modes Cisco Unity Express EXEC

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

Examples

trace networking dns

To enable tracing for DNS activities, use the **trace networking dns** command in Cisco Unity Express EXEC mode.

trace networking dns [all]

Syntax Description	all (Optional) Enables tracing for every database event.
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Command Modes	Cisco Unity Express EXEC
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Command History	Cisco Unity Express Release	Modification
	2.0	This command was introduced.

Usage Guidelines	Use this command to display DNS lookups that are performed and results that are given when a user adds an e-mail domain to a location and when a domain is verified and resolved using SMTP.
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Examples	
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trace networking jobqueue

To enable tracing for the job queue, use the **trace networking jobqueue** command in Cisco Unity Express EXEC mode.

trace networking jobqueue [*all* | *job number*]

Syntax Description	all	(Optional) Enables tracing for all jobs in the queue.
	job number	(Optional) Enables tracing for a specified job in the queue.

Command Modes Cisco Unity Express EXEC

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

Examples

trace networking smtp

To enable tracing for SMTP network functions, use the **trace networking smtp** command in Cisco Unity Express EXEC mode.

trace networking smtp [**all** | **receive** | **send** | **work**]

Syntax Description

all	(Optional) Enables tracing for every SMTP activity.
receive	(Optional) Enables tracing for SMTP receiving.
send	(Optional) Enables tracing for SMTP sending.
work	(Optional) Enables tracing for when a job is put in to or removed from the SMTP queue.

Command Modes

Cisco Unity Express EXEC

Command History

Cisco Unity Express Release	Modification
2.0	This command was introduced.

Examples

trace networking sysdb

To enable tracing for system database events, use the **trace networking sysdb** command in Cisco Unity Express EXEC mode.

trace networking sysdb [all]

Syntax Description	all (Optional) Enables tracing for every sysdb event.
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Command Modes	Cisco Unity Express EXEC
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Command History	Cisco Unity Express Release	Modification
	2.0	This command was introduced.

Examples

trace networking vpim

To enable tracing for Voice Profile for Internet Messaging (VPIM) network functions, use the **trace networking vpim** command in Cisco Unity Express EXEC mode.

trace networking vpim [all | audio | receive | send]

Syntax Description	all	Enables tracing for every VPIM activity.
	audio	Enables tracing for VPM audio activity.
	receive	Enables tracing for VPIM receiving.
	send	Enables tracing for VPIM sending.

Command Modes Cisco Unity Express EXEC

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

Examples

transfer-mode

To set the transfer mode for SIP calls, use the **transfer-mode** command in Cisco Unity Express SIP configuration mode. To use the default mode, use the **no** or **default** form of this command.

transfer-mode { **attended** | **semi-attended** | **blind refer** | **blind bye-also** }

no transfer-mode

default transfer-mode

Syntax Description		
attended		Transfers SIP calls as attended transfers. The transfer is complete when the destination extension answers the call.
semi-attended		Transfers SIP calls as semi-attended transfers. The transfer is complete when the destination extension is ringing.
blind refer		Transfers SIP calls as blind refer calls.
blind bye-also		Transfers SIP calls as blind bye-also calls.

Defaults

The default transfer mode is **bye-also**.

Command Modes

Cisco Unity Express SIP configuration

Command History

Cisco Unity Express Release	Modification
2.3	This command was introduced.
2.3.2	The default value was changed from semi-attended to bye-also .

Usage Guidelines

The attended and semi-attended transfers permit Cisco Unity Express to respond if the transfer of a call fails, such as when the remote end is busy or the destination provided is invalid.

Examples

The following example set the SIP call transfer mode to blind refer.

```
se-10-0-0-0# config t
se-10-0-0-0(config)# ccn subsystem sip
se-10-0-0-0(config-sip)# transfer-mode blind refer
se-10-0-0-0(config-sip)# end
se-10-0-0-0(config)#end
se-10-0-0-0#
```

Related Commands

Command	Description
ccn subsystem sip	Enters SIP configuration mode.
dtmf-relay	Sets the SIP DTMF relay mechanism.

Command	Description
<code>mwi sip</code>	Sets the MWI notification mechanism used by Cisco Unity Express.
<code>show ccn sip subscription mwi</code>	Displays the active MWI subscriptions.
<code>show ccn subsystem sip</code>	Displays the DTMF relay mechanism.