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Note

For information about other CLI commands that are not listed in this document, see [*Cisco Unity Express Command Reference for 3.0 and Later Versions*](#).

[**trace**](#)

trace

To view trace messages, use the **trace** command in EXEC mode.

```
trace {module {entity {activity}}}
```

Syntax Description

<i>module</i>	Trace module values. Can be any combination of the values listed in Table 19 . Entering all gives information for all the modules.
<i>entity</i>	Entity values. Each module has one or more entity values associated with it. Can be any combination of the values for that particular module. See Table 19 . Entering all gives information for all the entities.
<i>activity</i>	Activity values. Each entity has one or more activity values associated with it. Can be any combination of the values for that particular entity. See Table 19 . Entering all gives information for all the activities.

[Table 19](#) lists all the modules, entities, and activities.

Table 19 *Module, Entity, and Activity Values*

Module Name	Entity Name	Activity Name	Description		
aaa	authorization	jaas	Used for authentication, authorization, and accounting (AAA) debugging		
		pam			
	authentication	jaas			
		pam			
	acct	service			
		queue			
		library			
	dns	cache		daemon	Domain Name Service (DNS) debugging
				localzone	
startup					
ethconfig					
enablecheck		dns_check			
		debug			
		ipv4_check			
		hostname_check			
		results			
		dns_query			
resolver		send			
		receive			
server		ask			
		answer			

Table 19 *Module, Entity, and Activity Values (continued)*

Module Name	Entity Name	Activity Name	Description
management	agent	debug	Management debugging
webInterface	group	save	GUI debugging
		delete	
		read	
	user	save	
		delete	
		read	
	aaa	read	
	privileges	action	
	axl	delete	
		post	
		read	
	backupRestore	serverConfiguration	
		restore	
		backup	
	controller	startup	
		request	
	session	login	
		logout	
webInterface (continued)	sysdb	get	GUI debugging (continued)
		set	
		providerStart	
		providerGet	
		providerStop	
		providerSet	
	database	query	
		connection	
		results	

Table 19 *Module, Entity, and Activity Values (continued)*

Module Name	Entity Name	Activity Name	Description
sysdb	producer	nodeDetach	Interprocess communication debugging
		nodeAttach	
		timeLimit	
		nodeHandle	
		mkdir	
		attrCreate	
		attrDelete	
		rmdir	
	lock	acquire	
		release	
		wait	
	traversal	directory	
		attribute	
		node	
	misc	allocation	
	provider	stop	
		other	
		events	
		deadline	
		get	
		startup	
		commit	
		check	
	utility	metaInfo	
		dealloc	
		chdir	
		nameLookup	
	consumer	set	Interprocess communication debugging (continued)
		get	
		nameLookup	

Table 19 *Module, Entity, and Activity Values (continued)*

Module Name	Entity Name	Activity Name	Description
limitsManager	platform	xdebug	System limits debugging
		debug	
		info	
		warning	
		crash	
		error	
	cli	xdebug	
		debug	
		info	
		warning	
		crash	
		error	
	api	xdebug	
		debug	
		info	
		warning	
		crash	
		error	
	sysdb	xdebug	
		debug	
		info	
		warning	
		crash	
		error	
	license	xdebug	
		debug	
		info	
		warning	
		crash	
		error	
utilities	xdebug		
	debug		
	info		
	warning		
	crash		
	error		

Table 19 *Module, Entity, and Activity Values (continued)*

Module Name	Entity Name	Activity Name	Description
limitsManager (continued)	feature	xdebug	System limits debugging (continued)
		debug	
		info	
		warning	
		crash	
		error	
	mainthread	xdebug	
		debug	
		info	
		warning	
		crash	
		error	
operation	manager	ucid	Command authorization debugging
		operation	
license	debug	core_errors	CSL debugging
		events	
		core_events	
		ipc	
		errors	
		agent_info	
		agent_error	
		agent_all	
		core_all	
	monitor	monitor-license	
BackupRestore	BackupRestore	CONF	Backup and restore debugging
		SERVER	
		INIT	
		OPERATION	
		HISTORY	

Table 19 *Module, Entity, and Activity Values (continued)*

Module Name	Entity Name	Activity Name	Description
dbclient	debug	level0	Database client debugging
		level1	
		level2	
		level3	
		level4	
		level5	
	sysdb	set	
		get	
		commit	
	database	transaction	
		query	
		garbageCollect	
		connection	
		largeobject	
		mgmt	
		execute	
		results	
	superthread	main	
parser		parse	
snmp	JNI	Net-SNMP	SNMP debugging
	agent	debug	
rest	base_resources	info	Common REST interface debugging
		warn	
		error	
	common	info	
		warn	
		error	
security	policy	password	PIN and password authentication policy debugging
		pin	

Table 19 *Module, Entity, and Activity Values (continued)*

Module Name	Entity Name	Activity Name	Description
ntp	ntp	loopstatus	Network time protocol debugging
		clkselect	
		clkadj	
		clockstatus	
		packets	
		clkvalidity	
		peerstats	
		event	
		loopfilter	
srsx	gui	actions	SRSx GUI debugging
		error	
	cli	debug	SRSx CLI debugging
		error	
	mgmt	debug	SRSx management interface debugging
		error	
	service-point	info	SRSx service point debugging
		trace	
		debug	
		warning	
		error	
	site-manager	info	SRSx site manager debugging
		trace	
		debug	
		warning	
		error	
	srst-engine	info	E-SRST provisioning engine debugging
		trace	
debug			
warning			
error			
all			

Command Modes EXEC

Command History

Version	Modification
9.0	This command was introduced.

Examples

The following example illustrates the use of the **trace srsx srst-engine** command:

```
se-192-1-1-149# trace srsx srst-engine all
```

Related Commands

Command	Description
log console monitor	Enables log monitor events for debugging.

