



Setting up an Endpoint

Connect to your newly setup endpoint, default username is admin with no password. Be sure to change admin password once you login. Be sure to click the SAVE button after each entry to save what you have typed.

Start with System Configuration – click on the H323 tab. Copy the settings you see below, for LoginName put the username assigned to your school along with the password. E164 alias can be any sequence of numbers you choose. The ID will be your H323/SIP address of your unit, it will be listed at @cteducation.net unless your domain has the proper DNS records then you can register it at your @domainname.

System Configuration

Set Administrator Settings menu password

Search... ✕ **H323** Refresh Collapse all Expand all

- Audio
- Cameras
- Conference
- Experimental
- FacilityService
- H323**
- Network
- NetworkServices
- Phonebook Server
- Provisioning
- RTP Ports Range
- Security
- SerialPort
- SIP
- Standby
- SystemUnit
- Time
- UserInterface
- Video

NAT

Address Save (0 to 64 characters)

Mode Save

Profile 1

CallSetup Mode Save

PortAllocation Save

Authentication

LoginName Save (0 to 50 characters)

Mode Save

Password Save (0 to 50 characters)

Gatekeeper

Address Save (0 to 255 characters)

Discovery Save

H323Alias

E164 Save (0 to 30 characters)

ID Save (0 to 49 characters)

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Next proceed to SIP. Copy all the settings below, set the URI 1 to the same as the ID in the previous H323 screen. For Authentication, use your assigned username and password.

Home Call Control **Configuration** Diagnostics Maintenance admin

System Configuration

Search... SIP Refresh Collapse all Expand all

Audio
Cameras
Conference
Experimental
FacilityService
H323
Network
NetworkServices
Phonebook Server
Provisioning
RTP Ports Range
Security
SerialPort
SIP
Standby
SystemUnit
Time
UserInterface
Video

ListenPort On Save

Profile 1

DefaultTransport Auto Save

DisplayName Save (0 to 255 characters)

Line Private Save

Mailbox Save (0 to 255 characters)

Outbound Off Save

TlsVerify Off Save

Type Standard Save

URI 1 Stafford_SES2@stafford.k12.ct.us Save (0 to 255 characters)

Authentication 1

LoginName StaffordEP Save (0 to 128 characters)

Password *** Save (0 to 128 characters)

Ice

DefaultCandidate Host Save

Mode Off Save

Proxy 1

Address vcs043a.cteducation.net Save (0 to 255 characters)

Discovery Manual Save

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Next proceed to NetworkServices and enter the following information.

NetworkServices	XMLAPI Mode	On	Save
Phonebook Server	CTMS		
Provisioning	Encryption	Off	Save
RTP Ports Range	Mode	On	Save
Security	HTTPS		
SerialPort	Mode	On	Save
SIP	VerifyClientCertificate	Off	Save
Standby	VerifyServerCertificate	Off	Save
SystemUnit	OCSP		
Time	Mode	Off	Save
UserInterface	URL		Save (0 to 255 characters)
Video	MultiWay		
	Address	multiway@cteducation.net	Save (0 to 255 characters)
	Protocol	Auto	Save
	NTP		
	Address	ntp.cen.ct.gov	Save (0 to 64 characters)
	Mode	Auto	Save
	SNMP		
	CommunityName	public	Save (0 to 50 characters)
	Host 1 Address		Save (0 to 64 characters)
	Host 2 Address		Save (0 to 64 characters)
	Host 3 Address		Save (0 to 64 characters)
	Mode	ReadOnly	Save
	SystemContact		Save (0 to 50 characters)
	SystemLocation		Save (0 to 50 characters)

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Next click on Phonebook Server 1 and copy the information. The URL is (<http://67.218.95.100/tms/public/external/phonebook/phonebookservice.asmx>)

System Configuration Set Administrator Settings menu password

Search... ✕ **Phonebook Server 1** Refresh Collapse all Expand all

- Audio
- Cameras
- Conference
- Experimental
- FacilityService
- H323
- Network
- NetworkServices
- Phonebook Server**
- Provisioning
- RTP Ports Range

ID	<input type="text" value="default"/>	Save	(0 to 64 characters)
Type	<input type="text" value="TMS"/>	Save	
URL	<input type="text" value="http://67.218.95.100/tms/public/exte"/>	Save	(0 to 255 characters)

Next go to Provisioning and enter the following settings (tms/public/external/management/system-managementservice.asmx) is the Path:

System Configuration Set Administrator Settings menu password

Search... ✕ **Provisioning** Refresh Collapse all Expand all

- Audio
- Cameras
- Conference
- Experimental
- FacilityService
- H323
- Network
- NetworkServices
- Phonebook Server
- Provisioning**
- RTP Ports Range
- Security
- SerialPort
- SIP
- Standby

Connectivity	<input type="text" value="Auto"/>	Save	
HttpMethod	<input type="text" value="POST"/>	Save	
LoginName	<input type="text"/>	Save	(0 to 80 characters)
Mode	<input type="text" value="TMS"/>	Save	
Password	<input type="text"/>	Save	(0 to 64 characters)

ExternalManager			
Address	<input type="text" value="67.218.95.100"/>	Save	(0 to 64 characters)
Domain	<input type="text"/>	Save	(0 to 64 characters)
Path	<input type="text" value="tms/public/external/management/sy"/>	Save	(0 to 255 characters)
Protocol	<input type="text" value="HTTP"/>	Save	

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Finally – click on SystemUnit and make sure it has a name there as well:

System Configuration

Set Administrator Settings menu password

Search... x

SystemUnit

Refresh

Collapse all

Expand all

- Audio
- Cameras
- Conference
- Experimental
- FacilityService
- H323
- Network
- NetworkServices
- Phonebook Server
- Provisioning
- RTP Ports Range
- Security
- SerialPort
- SIP
- Standby
- SystemUnit**
- Time

CallLogging Mode	On	Save
ContactInfo Type	Auto	Save
IrSensor	Auto	Save
MenuLanguage	English	Save
Name	Stafford_SES2	Save (0 to 50 characters)

Setting up an Endpoint



If you click on Home, you should see both H323 and SIP is now registered:

CISCO Stafford_SES2
Cisco TelePresence SX20

[Home](#) [Call Control](#) [Configuration](#) [Diagnostics](#) [Maintenance](#) admin

System Information

General

Product:	Cisco TelePresence SX20	System name:	Stafford_SES2
Serial number:	FTT171600D8	IPv4 address:	172.18.2.67
Software version:	TC6.2.1.69d401c	IPv6 address:	
Installed options:	NaturalPresenter, DualDisplay, HighDefinition	MAC address:	D8:67:D9:73:2B:09
Valid release key:	Yes	Temperature:	45.0°C / 113.0°F

H323

Status:	Registered	Number:	8606843578
Gatekeeper:	67.218.95.103	ID:	Stafford_SES2@stafford.k12.ct.us

SIP

Status:	Registered	URI:	Stafford_SES2@stafford.k12.ct.us
Proxy:	67.218.95.103		

**Reboot endpoint to make sure everything is working after reboot*

Move the unit outside of the firewall or give it a 1-to-1 NAT with all ports open. Then contact Mike Pennington or CEN to have them add it to the phonebooks and push the phonebooks to the endpoint. Once that is done, unit can be moved back behind firewall.