# 在思科企业350系列托管交换机上使用控制台连接 通过PuTTY访问CLI

### 目标

交换机可通过命令行界面(CLI)访问和配置。 访问CLI允许在基于终端的窗口中输入命令。对于对终端命令有更多经验的用户,这可能是导航Web配置实用程序的更简单选择。某些任务(如恢复管理员密码)只能通过CLI执行。要访问CLI,必须使用SSH客户端。PuTTY是标准SSH客户端,可在此 <u>找到</u>。本文档假设您使用PuTTY连接到交换机。

本文档旨在向您展示如何访问Cisco Business 350系列交换机和安全外壳(SSH)客户端的命令行界面 (CLI)。

#### 适用设备 |软件版本

- CBS350(产品手册)|3.0.0.69(下载最新)
- CBS350-2X (产品手册) | 3.0.0.69(下载最新)
- CBS350-4X (产品手册) | 3.0.0.69(下载最新)

## 通过控制台连接通过PuTTY访问CLI

步骤1.使用标准9针串行电缆将交换机连接到计算机。

Cisco DB9至RJ45控制台电缆也支持控制台连接,但前提是交换机具有RJ45控制台端口。RJ45控制台端口类似于以太网端口,在交换机背面标有CONSOLE。

较新的笔记本电脑上没有串行端口,因此在这种情况下,您必须使用USB到串行适配器。将其插入 计算机时,它会为它分配一个COM端口号,而不是COM1。如果是这种情况,在设置与PuTTY的连 接时,您需要知道在何处查找正确的COM端口号。右键单击Windows徽标/"开始"菜单,然后单击 "设备管理器"将其打开。



在设备管理器中,您会查看USB适配器的COM端口。在这种情况下,您需要使用COM4来连接串行 线路。

📕 Device Manager			
File Action View Help			
<ul> <li>Computer</li> <li>Disk drives</li> <li>Display adapters</li> <li>Firmware</li> <li>Firmware</li> <li>Human Interface Devices</li> <li>IDE ATA/ATAPI controllers</li> <li>IDE ATA/ATAPI controllers</li> <li>Imaging devices</li> <li>Keyboards</li> <li>Keyboards</li> <li>Memory technology devices</li> <li>Mice and other pointing devices</li> <li>Monitors</li> <li>Network adapters</li> <li>Ports (COM &amp; LPT)</li> <li>Intel(R) Active Management Technology - SOL (COM3)</li> <li>USB Serial Port (COM4)</li> </ul>			
> Processors			2
PuTTY Configuration			? X
Category:	Basic options		assion
Logging	Specify the destination y		ot to
- Terminal	Sorial line	ou want to conne	Speed
Bell	COM4		9600
Features	Connection type:		
- Window Appearance	Raw Telnet	O Rlogin O SSI	H () Serial
Behaviour	Load, save or delete a s	tored session	
+ Selection	Saved Sessions		
Colours			
Contraction of the second seco			
	Default Settings		Load
- Data - Proxy	Default Settings Switch		Load
- Data - Proxy - Telnet	Default Settings Switch		Load Save
- Connection - Data - Proxy - Telnet - Rlogin + SSH	Default Settings Switch		Load Save Delete
Connection Data Proxy Telnet Rlogin SSH Serial	Default Settings Switch		Load Save Delete
Connection Data Proxy Telnet Rlogin SSH Serial	Default Settings Switch		Load Save Delete
Connection Data Proxy Telnet Rlogin → SSH Serial	Close window on exit:	r () Only on a	Load Save Delete
- Connection - Data - Proxy - Telnet - Rlogin ★ SSH - Serial	Close window on exit:	r () Only on o	Load Save Delete
Connection Data Proxy Telnet Rlogin ♥ SSH Serial About Help	Default Settings Switch	r   Open	Load Save Delete

PuTTY Configuration	n	? >
Category:		
- Session	Options controlling	local serial lines
	Select a serial line	
Keyboard	Serial line to connect to	COM4
Features	Configure the serial line	
- Window Appearance	Speed (baud)	9600
Behaviour	Data bits	8
Selection	Stop bits	1
Colours Connection	Parity	None
-Data Provv	Flow control	XON/XOFF ~
- Proxy - Telnet - Rlogin ★ SSH Serial		
About	lelp	Open Cancel

步骤2.打开PuTTY应用。PuTTY*配置窗*口打开:

Category:	
E Session	Basic options for your PuTTY session
	Specify the destination you want to connect to
	Host Name (or IP address) Port
Rell	22
Features	Connection type: Raw    Telnet    Rlogin    SSH    Serial
Appearance	Load, save or delete a stored session
	Saved Sessions
Selection	
Colours	Default Settings
Data	Save
Telest	Delete
Blogin	Delete
Serial	Close window on exit: Always    Never
About	Open Cancel

步骤3.在"连接类*型"字*段下,单击"串**行"**单选按钮。

Category:		
Session	Basic options for your PuTTY session	
Logging ⊡ Terminal Keyboard	Specify the destination you want to connect to Serial line Speed COM1 9600	
- Features - Window	Connection type: ◎ Raw ◎ Telnet ◎ Rlogin ◎ SSH	
Appearance Behaviour Translation Selection	Load, save or delete a stored session Saved Sessions	
Colours Connection Data Proxy Telnet Rlogin TSH	Default Settings Load Save Delete	
Serial	Close window on exit: Always Never Only on clean exit	
About	Open Cancel	

Category:		
Session	Basic options for your PuTTY session	
Logging	Specify the destination you want to connect to	
Keyboard	Serial line Speed	
Bell	COM1 9600	
Features □ Window	Connection type: Raw Telnet Rlogin SSH Serial	
Appearance Behaviour Translation Selection	Load, save or delete a stored session Saved Sessions	
Colours ⊡ Connection Data Proxy Telnet Rlogin ⊕ SSH	Default Settings Load Save Delete	
Serial	Close window on exit:	
About	Open Cancel	

此时将打开"控制本地串行线路的选项"页:

Category:		
	Options controlling local serial lines	
Serial     Serial	Options controlling Select a serial line Serial line to connect to Configure the serial line Speed (baud) Data bits Stop bits	9 local serial lines COM1 9600 8 1
	Parity Flow control	None   XON/XOFF
About		Open Cancel

步骤5.在Serial line to connect to*字段中*,输入您的设备所连接的COM端口。默认COM端口为 COM1。

Category:		
- Session	Options controlling	g local serial lines
	Select a serial line	
- Terminal Keyboard	Serial line to connect to	COM1
Bell Features	Configure the serial line	
🚊 Window	Speed (baud)	9600
···· Appearance ···· Behaviour	Data bits	8
···· Translation	Stop bits	1
Selection Colours	Parity	None 🔻
Connection	Flow control	XON/XOFF -
···· Proxy ···· Telnet ···· Rlogin		
SSH Serial		
About		Open Cancel

步骤6.在"速*度(波特*)"字段中,输入与交换机兼容的数字传输速度。对于300和500系列托管交换机 ,速度必须设置为**115200**。

Category:	_	
E Session	Options controlling local serial lines	
····· Logging ⊡·· Terminal ···· Keyboard	Select a serial line Serial line to connect to	COM1
Bell Features	Configure the serial line	
⊡ · Window	Speed (baud)	115200
···· Appearance ···· Behaviour	Data bits	8
Translation	Stop bits	1
Colours	Parity	None 🔻
Colours Connection Data Proxy Telnet Rlogin SSH Serial	Flow control	XON/XOFF -
About		Open Cancel

步骤7.在"数据位"字段中,输入每个字符使用的数据位数。建议的值为8。

Category:		
	Options controlling local serial lines	
Logging	Select a serial line	
- Keyboard	Serial line to connect to	COM1
Bell	Configure the serial line	
⊡. Window	Speed (baud)	115200
Appearance Behaviour	Data bits	8
Translation	Stop bits	1
Selection Colours	Parity	None 💌
	Flow control	None 🔻
···· Data ···· Proxy		
Telnet		
Serial		
About		Open Cancel

步骤8.在"停*止位*"字段中,输入每个字符末尾要发送的位数。停止位通知计算机已到达字节的结尾。 建议的值为**1**。

Category:		
	Options controlling	local serial lines
Logging	Select a serial line	
Keyboard	Serial line to connect to	COM1
Bell Features	Configure the serial line	
⊡. Window	Speed (baud)	115200
Appearance Behaviour	Data bits	8
···· Translation	Stop bits	1
Selection Colours	Parity	None 👻
	Flow control	None 👻
Data Proxy		
- Telnet		
Serial		
About	0	pen Cancel

步骤9.在"奇偶校验*"*下拉菜单中,选择检测传输错误的方法。建议的传输错误检测方法为**None**。

Category:		
	Options controlling	) local serial lines
	Select a serial line	
Keyboard	Serial line to connect to	COM1
Bell	Configure the serial line	
⊡. Window	Speed (baud)	115200
Appearance Behaviour	Data bits	8
Translation	Stop bits	1
Selection Colours	Parity	None 🔹
Connection	Flow control	None 🔻
Proxy		
Telnet		
⊞. SSH		
Serial		
About		Open Cancel

步骤10.在"流*量控*制"下拉菜单中,选择防止数据溢出的方法。建议的防止数据溢出的方法**是None**。

Category:		
□ Session	Options controlling loo	cal serial lines
Logging Terminal	Select a serial line	COM1
Bell Features	Configure the serial line	
. Window	Speed (baud)	115200
Appearance Behaviour	Data bits	8
···· Translation	Stop bits	1
Selection Colours	Parity	None •
Connection	Flow control	None 🔻
Proxy Proxy Rlogin SSH Serial		
About	Ope	en Cancel

步骤11.(可选)要保存连接设置以供将来使用,请转到"类别"导*航窗*格并选择"**会话"**。如果不想保 存连接设置,请跳至步骤14。

Real PuTTY Configuration		23
Category:		
Session     Logging     Terminal     Keyboard     Bell     Features     Window     Appearance     Behaviour     Translation     Selection     Colours     Connection     Data     Proxy     Telnet     Rlogin     SSH     Serial	Options controll Select a serial line Serial line to connect to Configure the serial line Speed (baud) Data bits Stop bits Parity Flow control	ing local serial lines COM1 115200 8 1 None • None •
About		Open Cancel

步骤12.在"保存会话"字段下,输入要另存为的设置名称。



#### 步骤13.单击"保**存"**。

Real PuTTY Configuration		X
Category:		
Category: Session Logging Terminal Keyboard Bell Features Window Appearance Behaviour Translation Selection Colours Connection Data Proxy Telnet Rlogin SSH Serial	Basic options for your F Specify the destination you want Serial line COM1 Connection type: Raw Telnet Rlogin Load, save or delete a stored ses Saved Sessions ConsoleConnection Default Settings Close window on exit: Always Never © 0	PuTTY session to connect to Speed 115200 SSH Serial ssion Load Save Delete
About	Оре	n Cancel

步骤14.单击"**打开**"。

Category:		
	Options controlling local serial lines	
Logging Terminal Keyboard	Select a serial line Serial line to connect to	COM1
Bell Features	Configure the serial line	
⊡ · Window	Speed (baud)	115200
Appearance Behaviour Translation	Data bits	8
	Stop bits	1
Colours	Parity	None -
	Flow control	None -
<ul> <li>Data</li> <li>Proxy</li> <li>Telnet</li> <li>Rlogin</li> <li>SSH</li> <li>Serial</li> </ul>		
About	Оре	en Cancel

COM1 - PuTTY控制台窗口打开。

步骤15.按键盘上的Enter键激活命令行界面(CLI)。 系统将显示登录提示:

	h.
User Name:	

步骤16.输入用户名。默认用户名为cisco。



步骤17.输入密码。默认密码为cisco。

