

Configuring the Switch Using the Web User Interface

This document walks you through the steps to access and configure your switch using the Web UI.



Note

Any figures included in the document are shown for illustrative purposes only.

- Introduction to Day 0 WebUI Configuration, on page 1
- Cisco DNA Center Cloud Onboarding Day 0 Wizard, on page 2
- Classic Day 0 Wizard, on page 5

Introduction to Day 0 WebUI Configuration

After you complete the hardware installation, you need to setup the switch with configuration required to enable traffic to pass through the network. On your first day with your new device, you can perform a number of tasks to ensure that your device is online, reachable and easily configured.

The Web User Interface (Web UI) is an embedded GUI-based device-management tool that provides the ability to provision the device, to simplify device deployment and manageability, and to enhance the user experience. You can use WebUI to build configurations, monitor, and troubleshoot the device without having CLI expertise.

You have two methods to configure the switch using the WebUI.

- Cisco DNA Center Cloud Onboarding Day 0 Wizard
- Classic Day 0 Wizard

Figure 1: WebUI Day 0 Wizard

sure that you have all the required information from your service provider to complete the configuration.					
dnacentercloud.cisco.com. The wizard would give you step by and advanced startings like User account. Management Interface in particular starting like User account. Management Interface in the cloud reachability. Make sure you have created a Cisco DNA Center Cloud account and added the device before you start the wizard. and advanced startings like User account. Management Interface in a starting like User account. Management Interface in a starting like User account. Management Interface in a starting like User account and added the device before you start the wizard. wizard. wizard. user castarting like User account. Management Interface in a device starting reprint the Management Interface in address user can access the Switch via WEBUI and command line using the Management Interface in address provided. INSTRUCTIONS BELOW BEFORE YOU BEGIN successfully compared the device before your service provider to complete the configuration. default, the wizard enables some recommended configurations. We recommend that you keep these defaults unless you have a reason to change service you to bring up your WAN/LAN connectivity quickly. You can change the configuration and configure advanced features after the		DNAC Cloud Onboarding Day 0 Wizard		Classic Day 0 Wizard	
is wizard helps you to bring up your WAN/LAN connectivity quickly. You can change the configuration and configure advanced features after the		dnacentercloud.cisco.com. The wizard would give you step by step guidance to configure the management interface and check the cloud reachability. Make sure you have created a Cisco DNA Center Cloud account and added the device before you start the		and advanced settings like User account, Management Interface IP address, VLAN,STP mode selection etc. Once the wizard is successfully completed, user can access the Switch via WEBUI and command line using the Management Interface IP address	
By default, the wizard enables some recommended configurations. We recommend that you keep these defaults unless you have a reason to change m. This wizard helps you to bring up your WAN/LAN connectivity quickly. You can change the configuration and configure advanced features after the		NS BELOW BEFORE YOU BEGIN			
n. his wizard helps you to bring up your WAN/LAN connectivity quickly. You can change the configuration and configure advanced features after the					
This wizard helps you to bring up your WAN/LAN connectivity quickly. You can change the configuration and configure advanced features after the	Ensure that yo			0	
	Ensure that yo By default, the			0	e
izard completes successfully.	Ensure that yo By default, the tem.	wizard enables some recommended configurations. We re-	commend that you	u keep these defaults unless you have a reason to change	e
	Ensure that yo By default, the tem.	wizard enables some recommended configurations. We re-	commend that you	u keep these defaults unless you have a reason to change	9
	Ensure that you By default, the nem. This wizard he vizard completes	wizard enables some recommended configurations. We re- ps you to bring up your WAN/LAN connectivity quickly. You	commend that you	u keep these defaults unless you have a reason to change configuration and configure advanced features after the	

Cisco DNA Center Cloud Onboarding Day 0 Wizard

Use this wizard to configure the management interface and check if it is reachable through the cloud.



You must add the device to your Cisco DNA Center Cloud account before proceeding with this wizard.

Configuring Account Settings

Setting a username and password is the first task you will perform on your device. Typically, as a network administrator, you will want to control access to your device and prevent unauthorized users from seeing your network configuration or manipulating your settings.

Procedure

Step 1 Step 2	Log on using the default username webui and password cisco . Set a password of up to 25 alphanumeric characters.
	The username password combination you set gives you privilege 15 access. The string cannot start with a number, is case sensitive, and allows spaces but ignores leading spaces.
Step 3	In the Device ID Settings section, type a unique name in the Device Name field to identify your device in the network.
Step 4	Enter the date and time for your device manually in the Time & Device Mode field. To synchronize your device with an external timing mechanism such as a Network Time Protocol (NTP) clock source, enter the IP address in the NTP Server field.

Figure 2: Account Settings

Configuration Setup	Wizard				
	BASIC SETTINGS	TEST CONNECTIVITY		SUMMARY	
Create New Account			DEVICE INFO	HELP AND TIPS	
Login Name*	testuser				
Login User Password*			Establish a new Usern Please remember it fo	ame and Password for the Device. Ir next Login.	
Confirm Login User Password*			Establish a new passw level.	vord for the privileged command	
Device ID Settings			Device name is an ide physical hardware dev	ntification that is given to the vice.	
				ol (NTP) is a networking protocol for between computer systems over	
Device Name*	testdevice		packet-switched, vari the IP address of the I	able-latency data networks. Enter	
NTP Server	XXXX			nen the difference in time will be f configuring the device.	
Date & Time Mode	NTP Time	•	adjusted at the time of	r configuring the device.	
< Welcome Page				Basic Setting	s >

Configuring Basic Device Settings

On the **Basic Settings** page configure the following information:

Procedure

Step 1	In the Device Management Settings section, assign an IP address to the management interface using either <i>Static</i> or <i>DHCP</i> address.
Step 2	If you chose <i>Static</i> , perform the following steps:
	a) Enter a VLAN ID to associate with the interface in the Associate VLAN Interface drop-down list.
	b) Ensure that the IP address you assign is part of the subnet mask you enter.
	c) Optionally, enter an IP address to specify the default gateway.
	d) Enter the address of the DNS Server.

Configuration S	etup Wizard		SUMMARY
Device Management Settings			HELP AND TIPS
IP Address VLAN ID* IP Address* Subnet Mask* Default Gateway (optional) Associate VLAN Interface DNS Server	Static © DHCP Z XXXX XXXX XXXX XXXX GigabitEthernet1/0/2 • XXXX]]]	Select this to enable access to the device using Teinet. Configure i username and password to authenticate user access to the device. Select this to enable access to the device using Teinet. Configure i username and password to authenticate user access to the device. Select this to enable secure menota access to the device using Secure Shell (SSH). Configure a username and password to authenticate user access to the device. Enable transparent model typu do not want the switch to participat in VTP. A VTP transparent switch does not advertise las VLAN configuration and does not synchronize its VLAN configuration based on received advertisements, but transparent switches do forward VTP advertisements that they receive out their trunk ports i VTP Version 2.
< Create New Account			Test Connectivity >

Figure 3: Basic Settings - Static Configuration

Step 3 If you chose *DHCP*, perform the following steps:

a) Enter a value in the VLAN ID field.

VLAN ID must be a value other than 1.

- b) Ensure that the IP address you assign is part of the subnet mask you enter.
- c) Optionally, enter an IP address to specify the default gateway.
- d) Enter the address of the DNS Server.

Figure 4: Basic Settings - DHCP Configuration

Configuration Set	up Wizard BASIC SETTINGS	TEST CONNECTIVITY	SUMMARY
Device Management Settings	© Static ● DHCP		HELP AND TIPS
VLAN ID* IP Address* Subnet Mask* Default Gateway (optional) DNS Server	2 XXXXX XXXXX XXXXX XXXXX XXXXX]]]	Select this to enable access to the device using Teinet. Configure a username and password to authenticite user access to the device. Select this to enable access to the device using Teinet. Configure a username and password to authenticate user access to the device. Select this to enable secure remote access to the device using Secure Shell (SSH). Configure a username and password to authenticate user access to the device. Enable transparent model if you do not want the switch to paticipate in VTP. A VTP transparent switch does not advertise its VLAN configuration and does not synchronize its VLAN configuration based on received advertisements, but transparent switchs do forward VTP advertisements that they receive out their trunk ports in VTP Version 2.
< Create New Account			Test Connectivity >

Configuring Test Connectivity

Procedure

- Step 1 Use the **Test Connectivity/Retest** button to ensure that connection is established between the device to the Cisco DNAC Cloud.
- Step 2 If connection is not established, click the **Retest** button.

If connection still fails, go to the previous Basic Settings page, make changes to the settings, and test connectivity again.

Step 3 Once connectivity is established, go to the Day Zero Configuration Summary to save the configurations.



Figure 5: Test Connectivity

Step 4 Verify that the configurations are applied successfully, and the device is redirected to Cisco DNAC Cloud.

What to do next

If redirection does not succeed, verify if the device is associated with a redirection controller profile on Cisco PnP Connect (devicehelper).

Classic Day 0 Wizard

Use this wizard to configure the device with basic and advanced settings. Once complete, you can access the device through the WebUI using the management interface IP address.

Connecting to the Switch

Before you begin

Set up the DHCP Client Identifier on the client to get the IP address from the switch, and to be able to authenticate with Day 0 login credentials.

Setting up the DHCP Client Identifier on the client for Windows

- 1. Type **regedit** in the Windows search box on the taskbar and press *enter*.
- 2. If prompted by User Account Control, click Yes to open the Registry Editor.
- 3. Navigate to

Computer\HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\Tcpip\Parameters\Interfaces\ and locate the Ethernet Interface Global Unique Identifier (GUID).

4. Add a new REG_BINARY DhcpClientIdentifier with Data 77 65 62 75 69 for webui. You need to manually type in the value.

Figure 6: Setting up DHCP Client Identifier on Windows

B	F	Registry Editor											-		×
Fi	le	Edit View Favorites Help													
C	om	puter\HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlS	et\	Services\Tcpip\	Paramete	rs\Inter	faces\{4	6836ffc-	5358-4da1	-b9f8-a2a10f1a0c48}					
>	1	stexstor	^	Name				Туре		Data					
>	1	stisvc		(Default)				REG_S	7	(value not set)					
>	1	storahci		38 AddressTyp	e				WORD	0x00000000 (0)					
>	L	storfit		38 DhcpClient				REG_B		77 65 62 75 69					
>	1	stornvme						NEO_D		11 05 02 15 05					
>		storqosfit		Edit Binary Va	lue							>		79 00 00 0	
>		StorSvc		Value name:									100100	79 00 00 0	00000
>		storufs		DhcpClientIde											
>		storvsc			nther										
2		SVSVC		Value data:											
>		swenum		0000	77	65	62	75	69		webu	i			1
>		swprv													
		SynaMetSMI													
F		Synth3dVsc													
>		SynTP													
		SynTPEnhService SysMain													ł
>.>		SystemEventsBroker													
		SZCCID													
ŝ		TabletInputService													
3		TapiSrv		1											
÷		Tcpip									ОК	Cancel			
	Ŀ	Linkage		10 12				NEQ L	WORD	000000000000000000000000000000000000000	02710911		-		
		Parameter													
	÷	Parameters													
		> Adapters													
		> DNSRegisteredAdapters													
		V] Interfaces													
		- 2a1d7785-5141-4b33-8f11-4b5cf324636c}													
		-2 {2e6a118d-8ff9-45c8-b861-13bbbf590a22}													
		-3199fba7-ae95-43f6-b34c-e2fbdde8cb40													
		46836ffc-6358-4da1-b9f8-a2a10f1a0c48													
		-1 {4828db99-4092-4a20-903b-e304a283e9f0}													
		-] {7baa2017-910a-4c77-b968-a9beb40c9646}													
		- [] {922467f8-ace4-4789-93b6-9a3799a7b574}													
		- [{b20b01ef-9511-4f8d-af8d-c03a948db0e1}													
		- [65fdd031-2580-445b-8430-074e5248bd14] <	-												
<		>		<											>

5. Restart the PC for the configuration to take effect.

Setting up the DHCP Client Identifier on the client for MAC

1. Go to System Preferences >Network >Advanced >TCP >DHCP Client ID: and enter webui.

I

				Netw	ork		Q Search
💎 Wi-Fi		TOD//D		14/11/0	000 41	Device	Handaraa
V	Vi-Fi	TCP/IP	DNS	WINS	802.1X	Proxies	Hardware
Configur	re IPv4:	Using DH	ICP			0	
IPv4 A	ddress:	*0.2002	6X 2 3X8				Renew DHCP Lease
Subne	t Mask:	2332000	215/2X X		DHCP	Client ID:	webui
	Router:	*802032	ØX1KX				(If required)
Configur	re IPv6:	Automati	cally			\$	
	Router:	1000000X7X	8 MXDexi	ox 36 6X			
IPv6 A	ddress:	2008.2420	xxxxx	(XZBBXX	xxxbxxxx	KXXXXXXXXX	
Prefix I	Length:	162 8 X					
							Cancel O
?							Cancel

Figure 7: Setting up DHCP Client Identifier on MAC

2. Click **OK** to save the changes.

The bootup script runs the configuration wizard, which prompts you for basic configuration input: (Would you like to enter the initial configuration dialog? [yes/no]:). To configure Day 0 settings using the web UI, do not enter a response. Perform the following tasks instead:

Procedure

Step 1	Make sure that no devices are connected to the switch	h.

- Step 2 Connect one end of an ethernet cable to one of the downlink (non-management) ports on the active supervisor and the other end of the ethernet cable to the host (PC/MAC).
- Step 3 Set up your PC/MAC as a DHCP client, to obtain the IP address of the switch automatically. You should get an IP address within the 192.168.1.x/24 range.

Figure 8	: Obtaining	the IP	Address
----------	-------------	--------	---------

ems > Network Connection	IS			~ Ū	Search Netw	/ork C
his connection Rename	this connection View st	atus of this connection	Change settings	of this	connection	
Cisco AnyConnect Secur Mobility Client Connect Disabled	ion 🧏 Uni	ernet dentified network II(R) Ethernet Connectio	N	Enable	Loopback Ada d Loopback Ada	
VMware Network Ada VMnet8 Enabled	Network Connection Details	:	×			
	Property Connection-specific DNS S Description Physical Address DHCP Enabled IPv4 Address IPv4 Subnet Mask Lease Expires IPv4 Default Gateway IPv4 DHCP Server IPv4 DHCP Server IPv4 DNS Server IPv4 UNIS Server NetBIOS over Tcpip Enabl	Intel(R) Ethernet Connection 54-EE-75-DC-9F-06 Yes 192.168.1.3 255.255.255.0 Tuesday, June 11, 2019.8.25 Wednesday, June 12, 2019 192.168.1.1 192.168.1.1	5:33 AM			

It may take up to three mins. You must complete the Day 0 setup through the web UI before using the device terminal.

Step 4 Launch a web browser on the PC and enter the device IP address (https://192.168.1.1) in the address bar.

Step 5 Enter the Day 0 username webui and password cisco.

What to do next

Create a user account.

Creating User Accounts

Setting a username and password is the first task you will perform on your device. Typically, as a network administrator, you will want to control access to your device and prevent unauthorized users from seeing your network configuration or manipulating your settings.

Procedure

Step 1 Log on using the default username and password provided with the device.

Step 2 Set a password of up to 25 alphanumeric characters. The username password combination you set gives you privilege 15 access. The string cannot start with a number, is case sensitive, and allows spaces but ignores leading spaces.

	BASIC SETTINGS	SITE PROFILE	SWITCH WIDE SETTINGS	PORT SETTINGS	SUMMARY
te New Account				Hardware and Software	details of the device.
in Name				Platform Type:	
sword				IOS Installed:	
firm password					
				Serial Number:	
				Modules:	
				License Installed:	
		Create New Account			Basic Device Settings

Figure 9: Create Account

Choosing Setup Options

Select **Wired Network** to configure your device based on a site profile, and continue to configure switch wide settings. Otherwise, continue to the next step and configure only basic settings for your device.

Configuring Basic Device Settings

On the Basic Device Settings page configure the following information:

Procedure

Step 1	In the Device ID and Location Settings section, type a unique name to identify your device in the network.
Step 2	Choose the date and time settings for your device. To synchronize your device with a valid outside timing
	mechanism, such as an NTP clock source, choose Automatic, or choose Manual to set it yourself.

Figure	10: Basic	Settings -	Device IL	D and I	Location	Settings

Configuration Se	tup Wizard				
CREATE ACCOUNT	BASIC SETTINGS	SITE PROFILE		PORT SETTINGS	SUMMARY
Device ID and Location Settings				HELP A	ND TIPS
Device Name			① Device name is mandatory		
Date & Time Mode	Automatic	•		device name is an identification that is gi	ven to the physical hardware device.
				If manual time is set then the difference i configuring the device.	n time will be adjusted at the time of
Device Management Settings	Mon Aug 13 2018 14:18:06			The management VRF is a dedicated, se manage the router inband on switched v interfaces.	
Management Interface	gigabitethernet0/0			Select this to enable access to the devic password to authenticate user access to	e using Telnet. Configure a username and the device.
Management IP	x.x.x.x			Select this to enable secure remote acce Configure a username and password to a	ass to the device using Secure Shell (SSH). authenticate user access to the device.
Subnet Mask	x.x.x.x			transparent switch does not advertise its	
Default Gateway (optional)	x.x.x.x (optional)			synchronize its VLAN configuration base transparent switches do forward VTP ad	d on received advertisements, but vertisements that they receive out their trunk
< Setup Options					Site Profile >

- **Step 3** In the **Device Management Settings** section, assign an **IP address** to the management interface. Ensure that the IP address you assign is part of the subnet mask you enter.
- **Step 4** Optionally, enter an **IP** address to specify the default gateway.
- **Step 5** To enable access to the device using telnet, check the **Telnet** check box.
- **Step 6** To enable secure remote access to the device using Secure Shell (SSH), check the **SSH** check box.
- Step 7 Check the VTP transparent mode check box to disable the device from participating in VTP.

If you did not select **Wired Network**, in the earlier step, continue to the next screen to verify your configuration on the **Day 0 Config Summary** screen, and click **Finish**. To automatically configure your device based on a site profile, click **Setup Options**, and select **Wired Network**.

Figure 11: Basic Settings - Device Management Settings

CREATE ACCOUNT	BASIC SETTINGS	SITE PROFILE	SWITCH WIDE SETTINGS	PORT SETTINGS	SUMMARY
	Mon Aug 13 2018 14:18:37			😧 HELP A	ND TIPS
vice Management Settings					
anagement Interface	gigabitethernet0/0			device name is an identification that is gi If manual time is set then the difference i	
anagement IP	x.x.x.x			configuring the device.	
ubnet Mask	X.X.X			The management VRF is a dedicated, se manage the router inband on switched v interfaces.	
efault Gateway (optional)	x.x.x.x (optional)			Select this to enable access to the devic password to authenticate user access to	e using Telnet. Configure a username and the device.
elnet				Select this to enable secure remote acce Configure a username and password to a	ass to the device using Secure Shell (SSH authenticate user access to the device.
SH				Enable transparent mode if you do not w transparent switch does not advertise its	
IP transparent mode				synchronize its VLAN configuration base transparent switches do forward VTP ad	d on received advertisements, but
< Setup Options					Site Profile >

Configuring Your Device Based on a Site Profile

To ease your configuration tasks and save time, choose a site profile based on where your device may be installed and managed in your network. Based on the site profile you choose, your device is automatically

configured according to Cisco best practices. You can easily modify this default configuration, from the corresponding detailed configuration screens.

Choosing a site profile as part of Quick Setup allows you to configure your device based on the business needs of your enterprise. For example, you could use your device as an access switch, to connect client nodes and endpoints on your network, or as a distribution switch, to route packets between subnets and VLANs.

Configuring VLAN Settings

Procedure

Step 1	In the VLAN Configuration section, you can configure both data and voice VLANs. Type a name for your data VLAN.
Step 2	To configure a data VLAN, ensure that the Data VLAN check box is checked, type a name for your VLAN, and assign a VLAN ID to it. If you are creating several VLANs, indicate only a VLAN range.
Step 3	To configure a voice VLAN, ensure that the Voice VLAN check box is checked, type a name for your VLAN, and assign a VLAN ID to it. If you are creating several VLANs, indicate a VLAN range.

Configuring STP Settings

Procedure

- **Step 1** RPVST is the default STP mode configured on your device. You can change it to PVST from the **STP Mode** drop-down list.
- **Step 2** To change a bridge priority number from the default value 32748, change **Bridge Priority** to Yes and choose a priority number from the drop-down list.

Figure 12: VLAN and STP Settings

Configuration Setu	up Wizard				
CREATE ACCOUNT	BASIC SETTINGS	SITE PROFILE	SWITCH WIDE SETTINGS	PORT SETTINGS	SUMMARY
VLAN Configuration				HELP AN	ID TIPS
Data VLAN Voice VLAN Management V(Switch Wide Settings STP Configuration				 A data VLAN is a VLAN that it generated traffic.Voice VLAN service by configuring ports t phones on a specific VLAN. STP is to prevent bridge loops and the bro 	allows you to enhance VoIP o carry IPvoice traffic from IP adcast radiation that results from them.
STP Mode Bridge Priority	RPVST	Ψ.		The part of a network address which iden Configure Syslog Client within the Cisco E through emergencies to generate error m malfunctions.	evice, use a severity level of warnings
Bridge Priority Number	32768	•		Protocol for network management and its network devices, such as switches, and ro	collecting information from, and configuring, iuters on an IP network.
General Configuration					
< Site Profile					Port Settings >

Configuring DHCP, NTP, DNS and SNMP Settings

Procedure

Step 1 In the **Domain Details** section, enter a domain name that the software uses to complete unqualified hostnames. Step 2 Type an IP address to identify the DNS server. This server is used for name and address resolution on your device. Step 3 In the Server Details section, type the IP address of the DNS server that you want to make available to DHCP clients. Step 4 In the **Syslog Server** field, type the IP address of the server to which you want to send syslog messages. Step 5 To ensure that your device is configured with the right time, date and timezone, enter the IP address of the NTP server with which you want to synchronize the device time. Step 6 In the Management Details section, type an IP address to identify the SNMP server. SNMPv1, SNMPv2, and SNMPv3 are supported on your device. Step 7 Specify the **SNMP community** string to permit access to the SNMP protocol.

Figure 13: DHCP, NTP, DNS and SNMP Settings

CREATE ACCOUNT	C C BASIC SETTINGS	SITE PROFILE	SWITCH WIDE SETTINGS	PORT SETTINGS	SUMMARY
General Configuration				(HELP A	ND TIPS
tomain Details					
Domain Name					I to carry user-generated traffic.Voice VLAN onfiguring ports to carry IPvoice traffic from
DNS Server				STP is to prevent bridge loops and the b	roadcast radiation that results from them.
erver Details				The part of a network address which ide	ntifies it as belonging to a particular domain
DHCP Server				Configure Syslog Client within the Cisco through emergencies to generate error n malfunctions.	
Syslog Server				 Protocol for network manage 	
NTP Server				information from, and config as switches, and routers on	uring, network devices, such an IP network.
lanagement Details					
< Site Profile					Port Settings >

What to do next

Configure port settings.

Configuring Port Settings

Procedure

Step 1

Based on the site profile chosen in the earlier step which is displayed in the left-pane, select the **Port Role** from among the following options:

• Uplink - For connecting to devices towards the core of the network.

- Downlink For connecting to devices further down in the network topology.
- Access For connecting guest devices that are VLAN-unaware.

Step 2 Choose an option from the **Select Switch** drop-down list.

Step 3 Make selections from the **Available** list of interfaces based on how you want to enable them and move them to the **Enabled** list.

Figure 14: Port Settings

CREATE ACCOUNT	BASIC SETTINGS	SITE PROFILE	SWITCH WIDE SETTINGS	PORT SETTINGS	SUMMARY
	Port Role Uplink ALL	•			
*T2	Available (16)	Enabled (D)		
	Uplinks 😒	Interfaces			
	GigabitEthernet1/1/1	÷			
-∰->	GigabitEthernet1/1/2	÷			
()	GigabitEthernet1/1/3	<i>></i>			
	GigabitEthernet1/1/4	>			
Switch Wide Settings					Day 0 Config Summa

What to do next

- Click Day 0 Config Summary to verify your setup.
- Click Finish.

Figure 15: Day 0 Config Summary

	BASIC SETTINGS	SITE PROFILE	SWITCH WIDE SETTINGS	PORT SETTINGS	SUMMARY			
MARY	SHOLD OL THRUD	onemonie	Simon Mbc de l'Inda	Port of Finds	CLI Preview			
	This screen provides	the summary of all the steps configured as a par	t of the day zero configuration. Please click Finish to con	igure the device.				
General Information	✓ User: test, ✓ Network Type: Wire	d, 🗸 Site Profile: Single Access Switch - Sing	le Uplink					
Basic Device Configuration	✓ Controller Name: test, ✓ Manager	✓ Controller Name: test, ✓ Management Interface: gigabitethernet0/0(1.1.1.1),						
Global Switch Settings	✓ Data VLAN: (), ✓ Voice VLAN: (no	✓ Data VLAN: (), ✓ Voice VLAN: (not configured), ✓ STP Mode: rapid-pvst, ✓ Bridge Priority: 32768, ✓ DNS Server:, ✓ DHCP Server:, ✓ NTP Server:, ✓ Systog Server:, ✓ SNMP Server:						
Port Configuration		Uplink Ports		Downlink Ports				
		No Ports were configured		No Ports were configured				
< Port Settings					Finish			

Configuring VTY Lines

For connecting to the device through Telnet or SSH, the Virtual Terminal Lines or Virtual TeleType (VTY) is used. The number of VTY lines is the maximum number of simultaneous access to the device remotely. If the device is not configured with sufficient number of VTY lines, users might face issues with connecting to the WebUI. The default value for VTY Line is . The device allows up to simultaneous sessions.

Procedure

- Step 1
- Step 2

From the WebUI, navigate through Administration > Device and select the General page.

In the **VTY Line** field, enter **0-xx**, depending on how many VTY lines you want to configure.

Figure 16: Configuring VTY Line

Q Search Menu Items	Administration -> Device			
Dashboard	General	IP Routing	DISABLED	
Monitoring >	FTP/SFTP/TFTP	Host Name*	SW-9200	
Configuration	Bluetooth	Banner		
Administration				
© Licensing		Management Interface	GigabitEthernet0/0	
		IP Address* 🕄		
X Troubleshooting		Subnet Mask*		
		System MTU(Bytes) 1	1500	
		VTY Line 1	0-30	View VTY options
		VTY Transport Mode	Select a value	