


Access the CLI on a VOS Device

 For supported software information, click [here](#).

You can access the CLI on a Versa Operating System™ (VOS™) device from the Director GUI. You first open a shell window to the device from the Director GUI, and then start the CLI interface from the shell.

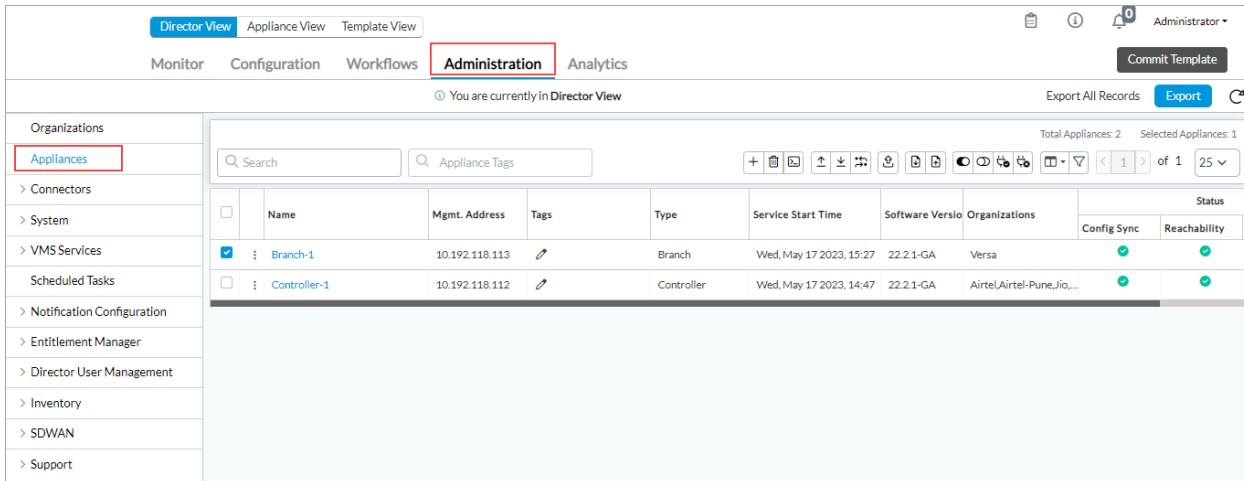
You can also access the CLI from a secure shell using SSH. For information about SSH access and default account information, see [Configure Local Authentication](#).

Note that to open a shell window from a Director node, it is recommended that you use one of the following browsers:

- Chrome, Versa 71 or later
- Firefox, Version 60 or later

To access the CLI on a VOS device from a Director node:

1. In Director view, select the Administration tab in the top menu bar.
2. Select Appliances in the left menu bar. The following screen displays.




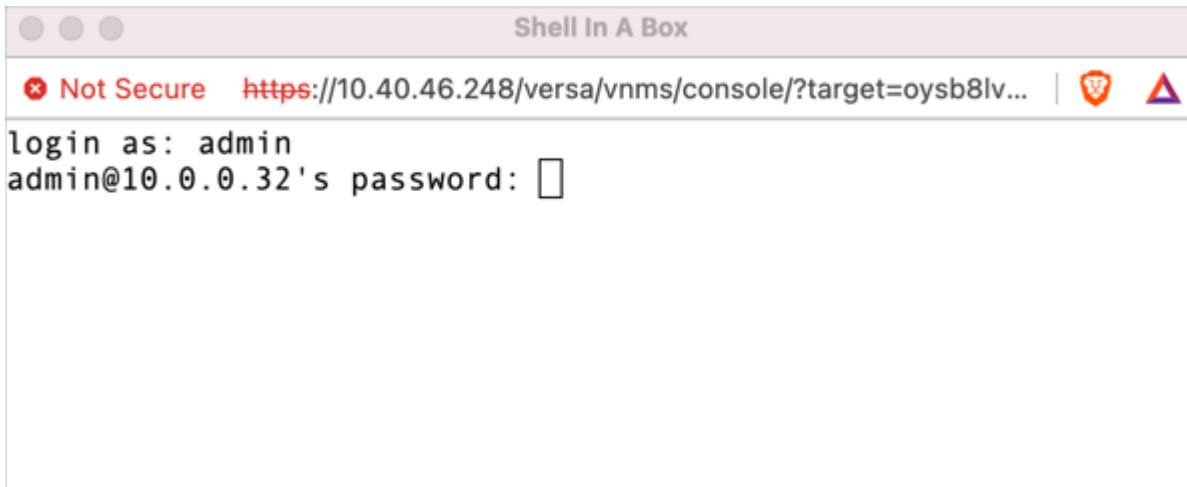
The screenshot shows the Versa Director GUI with the 'Administration' tab selected in the top menu bar. The left sidebar shows the 'Appliances' menu item highlighted. The main pane displays a table of appliances with the following data:

	Name	Mgmt. Address	Tags	Type	Service Start Time	Software Version	Organizations	Config Sync	Reachability
<input checked="" type="checkbox"/>	Branch-1	10.192.118.113		Branch	Wed, May 17 2023, 15:27	22.2.1-GA	Versa	✔	✔
<input type="checkbox"/>	Controller-1	10.192.118.112		Controller	Wed, May 17 2023, 14:47	22.2.1-GA	AirtelAirtel-Pune,Jio...	✔	✔

3. In the main pane, click the checkbox to the left of the branch name. The icons in the top panel become active.

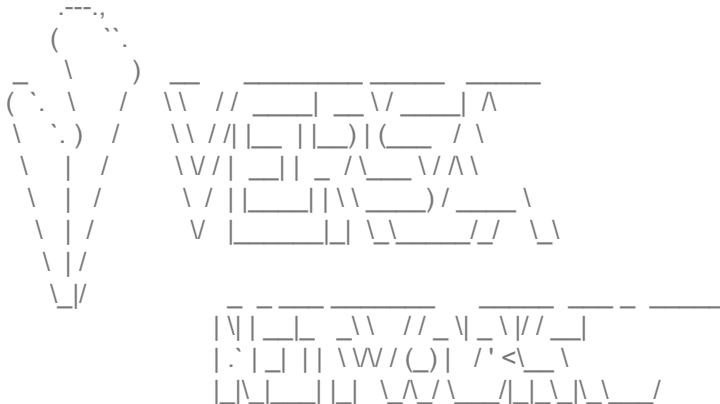


4. Click the Appliance Shell  icon. A shell window displays.



5. Log in to the branch. The default account has the username *admin* and the password *versa123*.
6. To start the CLI, issue the **cli** command at the shell prompt. The prompt changes to **>** to indicate you are in the CLI. You can change the CLI configuration and issue CLI show commands from this prompt.

```
[admin@Azure-WestUS-VGW-01: ~] $ cli
```



```
admin connected from 10.200.1.4 using ssh on Azure-WestUS-VGW-01
admin@Azure-WestUS-VGW-01-cli>
```

7. At any CLI prompt, you can type in a question mark to display a list of valid commands.

```
admin@Azure-WestUS-VGW-01-cli> ?
Possible completions:
```

- clear - Clear parameter
- commit - Confirm a pending commit
- compare - Compare running configuration to another configuration or a file
- configure - Manipulate software configuration information
- describe - Display transparent command information
- diff-config - Generate 'set/delete' commands to change one config to another
- exit - Exit the management session
- file - Perform file operations
- help - Provide help information
- id - Show user id information
- monitor - Real-time debugging
- mtr - Trace a host with ping functionality
- ping - Ping a IPv4/IPv6 host
- quit - Exit the management session
- request - Make system-level requests
- scp - Securely copy a file to host
- script - Script actions
- set - Set CLI properties
- set-path - Set relative show path
- shell - Go to linux shell
- show - Show information about the system
- source - File to source
- ssh - Secure shell connection to remote host
- tcpdump - tcpdump for interfaces
- top - Exit to top level and optionally run command
- traceroute - Trace a host
- up - Exit one level of configuration
- wget - Download file from Web/Host in a non-interactive way
- xpath - Evaluate xpath expression

8. To switch to configuration mode, enter the **configuration** command. The prompt changes to %. You can issue VOS device configuration and VOS device show commands from this prompt.

```
admin@Azure-WestUS-VGW-01-cli> configure
Entering configuration mode private
[ok][2024-08-14 16:12:09]

[edit]
admin@Azure-WestUS-VGW-01-cli(config)%
```

9. Issue the **exit** command to return to the > prompt.

```
admin@Azure-WestUS-VGW-01-cli(config)% exit
admin@Azure-WestUS-VGW-01-cli>
```

10. Issue the **exit** command to return to the shell.

```
admin@Azure-WestUS-VGW-01-cli> exit
[admin@Azure-WestUS-VGW-01: ~] $
```

Supported Software Information

Releases 20.2 and later support all content described in this article.

Additional Information

[Configure Local Authentication](#)

[Monitor and Manage Devices in Customer Organizations](#)