

Node backups

Backups are part of the NetYCE lifecycle. As per the [state machine](#), before and after a configuration change a backup is created.

Also the NCCM can be used to create backups regularly.

The protocol used to send the backups for modeled nodes can be changed in the [hardware section](#).

This page describe several items for manipulating backup behavior.

Disabling backups

In some cases, like a testlab or until connectivity has been arranged, it is desired to turn off backups for command jobs.

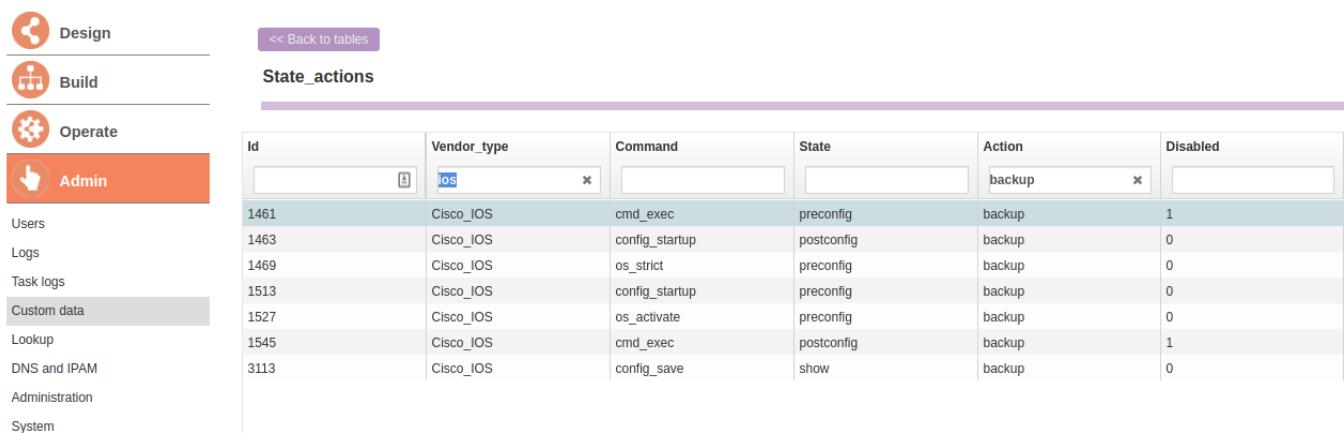
This behavior is changed per vendor and per command and state.

Modify the `state_actions` table under `Admin > Custom data > State_actions`

The example below shows that backups have been disabled for:

- Vendor_type: Cisco_IOS
- Command: cmd_exec
- State: preconfig and postconfig
- Action: backup
- Disabled: set to '1'

NOTE: [user/group level](#) 'system' is required to modify these entries.



Id	Vendor_type	Command	State	Action	Disabled
1461	Cisco_IOS	cmd_exec	preconfig	backup	1
1463	Cisco_IOS	config_startup	postconfig	backup	0
1469	Cisco_IOS	os_strict	preconfig	backup	0
1513	Cisco_IOS	config_startup	preconfig	backup	0
1527	Cisco_IOS	os_activate	preconfig	backup	0
1545	Cisco_IOS	cmd_exec	postconfig	backup	1
3113	Cisco_IOS	config_save	show	backup	0

Disable tftpd

The following steps will disable the tftp daemon.

NOTE: This disables feature like ZTP (Zero touch provisioning) and backups for vendors that only support tftp.

The use of tftp as a file-transfer protocol can be disabled in NetYCE using the global configuration file `/opt/yce/etc/yce_setup.xml`

Locate the line “`<daemons>`” and change the setting for `yce_tftpd` to “**disable**”. Ensure the vsftpd daemon is enabled. This controls the ftp server. (use the yce user to do so.)

The result is similar to below:

```
<setup>
  <override>
    <configs crontab="update" httpd="update" mojo="update" mysql="update"
network="update" />
    <daemons  vsftpd="enable" yce_ibd="disable" yce_nccmd="enable"
yce_tftpd="disable" />
  </override>
  <yce ...>
```

Note that disabling tftp server will only prevent tftp transfers, it does not control which transfers protocols will be attempted. The Vendor-specific and Hardware specific (see step 3) settings will define this behavior.

As yce unix user run `yce_setup.pl -r` to regenerate config files for above config to be effective and restart daemons. At this point the tftp server will no longer be available.

For each vendor_type and model you may choose to use a different transfer protocol, if it was set to tftp or the default behavior was using tftp. You may see the defaults in the [supported hardware](#) table.

Navigate to Design > Hardware

Model Details

Vendor_type	Cisco_IOS	Model name	c7206VXR
Hw_model	7206VXR	Hw_type	Router
Hw_modules		File transfer	scp
Memory		Software	
Hw_memory		Os_version	
Hw_flash		Boot_image	
Storage_device		Loader_image	
Reserve			
Mdl_reserve1		Mdl_reserve3	
Mdl_reserve2		Mdl_reserve4	
Mdl_notes			

Buttons: Apply | Close

From:
<https://wiki.netyce.com/> - **Technical documentation**

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Last update: **2024/07/03 12:31**

