

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.

The screenshot shows the NetYCE Admin interface. On the left is a navigation menu with 'Admin' selected. The main content area shows the 'State_actions' table. A search bar at the top contains 'ios'. The table has columns for Id, Vendor_type, Command, State, Action, and Disabled. The following table represents the data shown in the screenshot:

| 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 tftpd 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

File transfer: scp

Hw_modules:

| 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:

Apply Close

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