

Zero Touch Provisioning (ZTP) Commands

This chapter describes the commands used to manually invoke Zero Touch Provisioning (ZTP).

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ztp clean

To remove all ZTP logs and settings saved on disk, use the **ztp clean** command in EXEC mode.

ztp clean [debug] [verbose]

Syntax Description

debug	Run with additional logging to the console.
verbose	Run with logging to the console.

Command Default

No default behavior or values.

Command Modes

EXEC mode

Command History

Release	Modification
Release 6.5.31	This command was introduced.

Usage Guidelines

If you wish to run ZTP as if from a clean boot, use the **ztp clean** command to remove all ZTP logs and settings. Use **commit replace** to reload, and then ZTP will run again as if from first boot.

No progress logs are shown by default, although there will be XR syslogs for important events. If you wish to see more logs, add **verbose** after the **ztp clean** command. If these logs are not enough, add **debug** before **verbose**.

Logs can be found in **disk0:/ztp/ztp.log**.

Example

The following example shows how to remove all ZTP files saved on the disk.

```
RP/0/RP0/CPU0:router# ztp clean verbose
Mon Oct 10 17:03:43.581 UTC
Remove all ZTP temporary files and logs? [confirm] [y/n] :y
All ZTP files have been removed.
If you now wish ZTP to run again from boot, do 'conf t/commit replace' followed by reload.
```

ztp initiate

To invoke a new ZTP DHCP session, use the **ztp initiate** command in EXEC mode.

ztp initiate {apply *configuration* **| [debug] [verbose]}**

Syntax Description

apply *configuration*	XR configuration commands to apply
debug	Run with additional logging to the console
verbose	Run with logging to the console

Command Default

No default behavior or values.

Command Modes

EXEC mode

Command History

Release	Modification
Release 6.5.31	This command was introduced.

Usage Guidelines

Use the **ztp initiate** command to forceably inititate the ZTP, ignoring username configuration. **ztp initiate** allows the execution of a script even when the system has already been configured. This command is useful for testing ZTP without forcing a reload. This command is particularly useful to test scripts or if some manual operations are required before provisioning the router.

No progress logs are shown by default, although there will be XR syslogs for important events. If you wish to see more logs, add **verbose** after the **ztp initiate** command. If these logs are not enough, add **debug** before **verbose**.

Logs can be found in **disk0:/ztp/ztp.log**.

Example

The following example shows how to bring up the interface manually.

```
RP/0/RP0/CPU0:router# ztp initiate debug verbose
Invoke ZTP? (this may change your configuration) [confirm] [y/n]:
```

ztp terminate

To terminate all the existing ZTP processes, use the **ztp terminate** command in EXEC mode.

ztp terminate [debug] [verbose] [noprompt]

Syntax Description

debug	Run with additional logging to the console.
verbose	Run with logging to the console.
noprompt	Run without prompting.

Command Default

No default behavior or values.

Command Modes

EXEC mode

Command History

Release	Modification
Release 6.5.31	This command was introduced.

Usage Guidelines

If you want to terminate an already running ZTP process, use the **ztp terminate** command. Be careful to use the **ztp terminate** command because unproperly usage of this command may leave your system in a partially configured state.

No progress logs are shown by default, although there will be XR syslogs for important events. If you wish to see more logs, add **verbose** after the **ztp terminate** command. If these logs are not enough, add **debug** before **verbose**.

Logs can be found in **disk0:/ztp/ztp.log**.

Example

The following example shows how to terminate the ZTP sessions in progress.

```
RP/0/RP0/CPU0:router# ztp terminate verbose
Mon Oct 10 16:52:38.507 UTC
Terminate ZTP? (this may leave your system in a partially configured state) [confirm] [y/n]:y
ZTP terminated
```