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EdgeRouter - Run Operational Mode Command from Scripts

Overview

Readers will learn how to run operational mode commands from scripts.

> **NOTES & REQUIREMENTS:** Applicable to the latest EdgeOS firmware on all
> EdgeRouter models. Please see the Related Articles below for more information.
>
> Device used in this article:
>
> - EdgeRouter-4 (ER-4)

Creating and Running a Custom Script

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In this example a script is run to clear all the DHCP leases.

> **CLI:** Access the Command Line Interface. You can do this using the CLI button in
> the GUI or by using a program such as PuTTY.

1. Log in as the root user.

```
sudo su
```

2. Create a basic script using the `cat` command.

```
cat > /config/scripts/cleardhcp
```

> **NOTE:** The script is stored in the **config** directory to prevent it from being lost during reboots and firmware upgrades.

2. Add the following contents to the script (note the empty line at the bottom).

```
#!/bin/vbash
/opt/vyatta/bin/vyatta-op-cmd-wrapper clear dhcp leases

echo "$(date +'%h %e %T')" `hostname` 'dhclient: DHCP leases cleared' >> /var/log/messages

exit 0
```

> **NOTE:** The `vyatta-op-cmd-wrapper` command is needed to run the script. The **echo** line is optional and logs that the script was run.

3. Use CTRL+D to exit out and save the script.

4. Modify the permissions to allow the script to execute.

```
chmod +x /config/scripts/cleardhcp
```

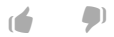5. Exit back to the EdgeOS command line.

```
exit
```

6. Run the script.

```
sudo /config/scripts/cleardhcp
```

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