

Configure vEdge Routers during Maintenance Window

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Introduction

This document describes the best practices on how to configure Viptela vEdges at the time of Customer Maintenance Window, in order to prevent any unwanted outages due to the configuration changes that are made, which might result in unintended consequences.

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

This document is not restricted to specific software and hardware versions.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

Configure

When the customer deployment windows, it is always recommended to configure with “exclusive” option, so that you can verify the

configuration, prior to the commit.

This allows for any un-intended configuration, not to go into production that might cause any issues. These could manifest in the

form of losing connectivity to the device or when a wrong policy is applied. This allows rollback of the configuration to a (prior)

working state.

It is always recommended to come up with a configuration prior to the maintenance window and test in the laboratory before you apply on the production router.

These are the configuration options that are allowed on vEdges.

```
vEdge# config ?
Possible completions:
  exclusive  no-confirm  shared  terminal  | <cr>
```

Configure with the **exclusive** command.

```
vEdge# config exclusive
Entering configuration mode exclusive
Warning: uncommitted changes will be discarded on exit
vEdge(config)#
```

This is the message that appears when the **commit** command is not executed.

```
vEdge(config)# vpn 1
vEdge(config-vpn-1)# ip route 23.23.23.23/32 null0
vEdge(config-vpn-1)# commit confirmed 1
Warning: The configuration will be reverted if you exit the CLI without
performing the commit operation within 1 minutes.
```

```
vEdge(config-vpn-1)# exit
vEdge(config)# exit
vEdge# config exclusive
Aborted: confirmed commit in progress
```

```
vEdge#
Message from system at 2019-07-08 01:07:13...
confirmed commit operation not confirmed by admin from cli
configuration rolled back
vEdge#
```

```
vEdge# config exclusive
Entering configuration mode exclusive
Warning: uncommitted changes will be discarded on exit
vEdge(config)# vpn 1
vEdge(config-vpn-1)# ip route 23.23.23.23/32 null0
vEdge(config-vpn-1)# commit confirmed 1
Warning: The configuration will be reverted if you exit the CLI without
performing the commit operation within 1 minutes.
vEdge(config-vpn-1)#
Message from system at 2019-07-08 21:07:37...
confirmed commit operation not confirmed by admin from cli
configuration rolled back
vEdge(config-vpn-1)#
```

Once you are sure all is in place, you can execute the command **commit**.

```
vEdge(config-vpn-1)# commit
Commit complete. Configuration is now permanent.
vEdge(config-vpn-1)#
```

For the **commit confirmed** option, it is recommended to have about 5 to 10 minutes in order to validate the configuration that was put in place. Here, 1 minute is used as an example.

Verify

Use this section in order to confirm that your configuration works properly.

Execute **show running-config** or **appropriate config-sub-block** command.

Here is an example of validation:

```
vEdge# show running-config vpn 1 ip
vpn 1
  ip route 23.23.23.23/32 null0
!
vEdge#
```

Troubleshoot

There is currently no specific troubleshooting information available for this configuration.