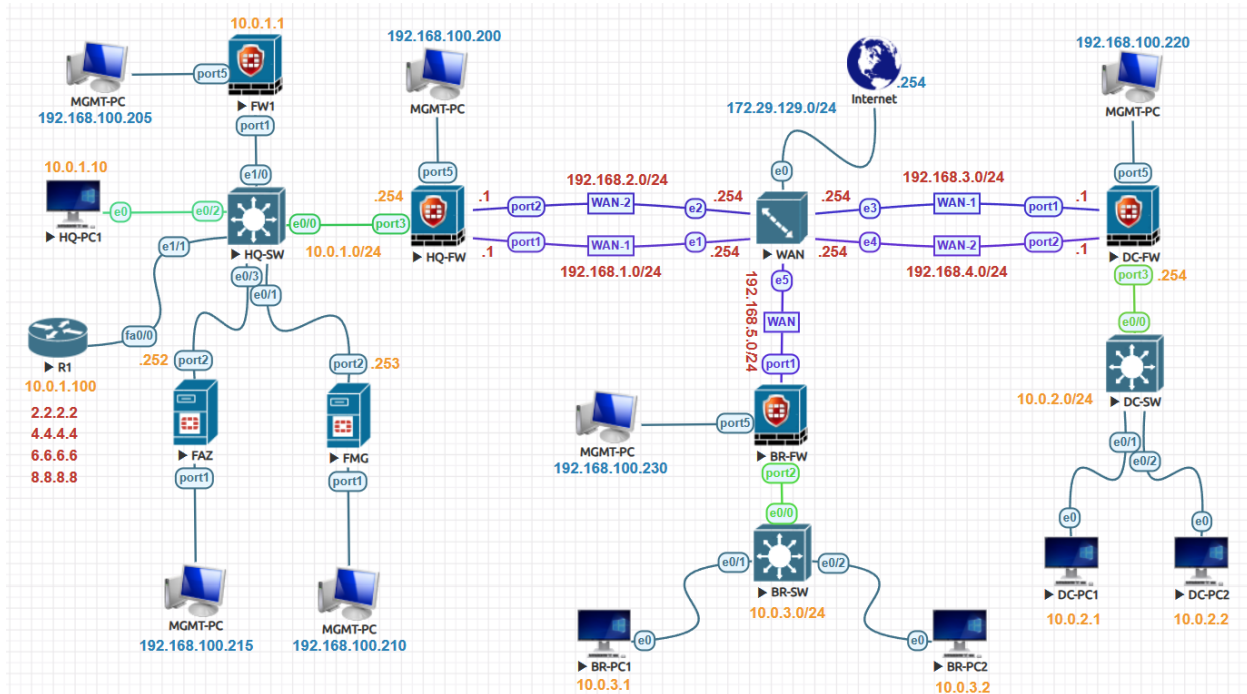


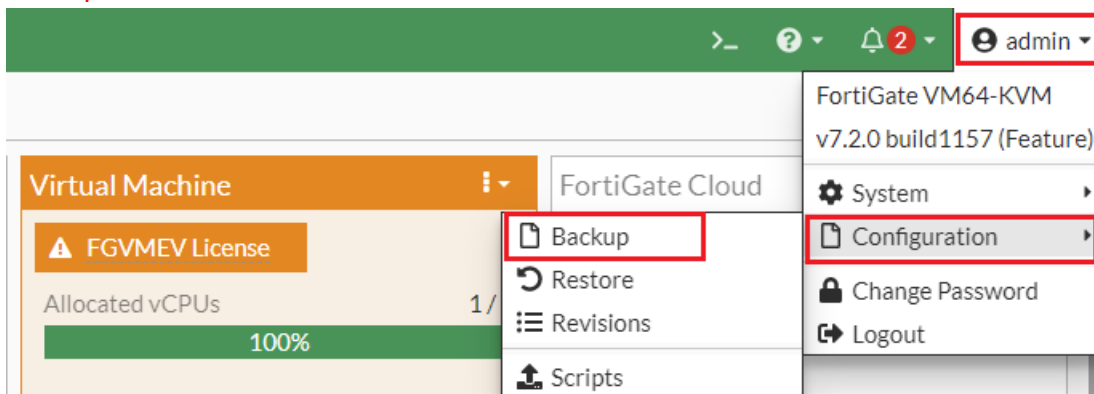
Backup and Restore:

Once you successfully configure the FortiGate, it is extremely important that you backup the configuration. In some cases, you may need to reset the FortiGate to factory defaults which will erase the existing configuration. We also recommend that you backup the configuration after any changes are made, to ensure you have the most current configuration available.

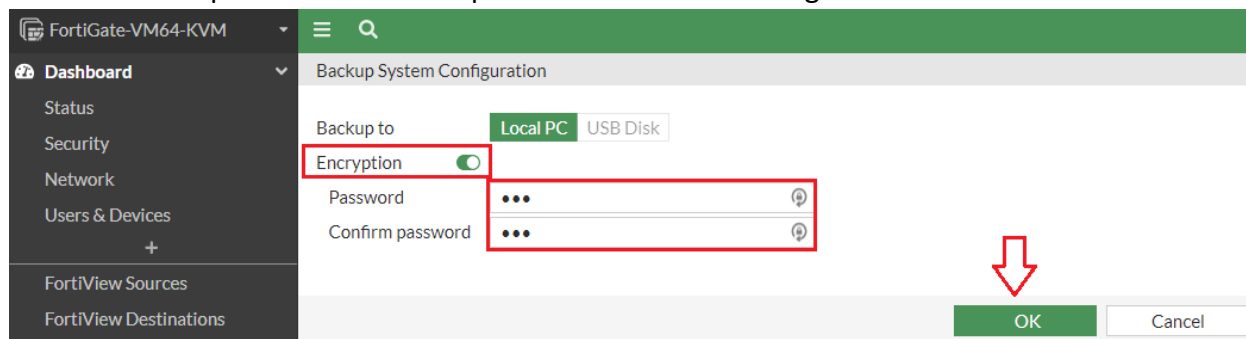


Backup Configuration GUI:

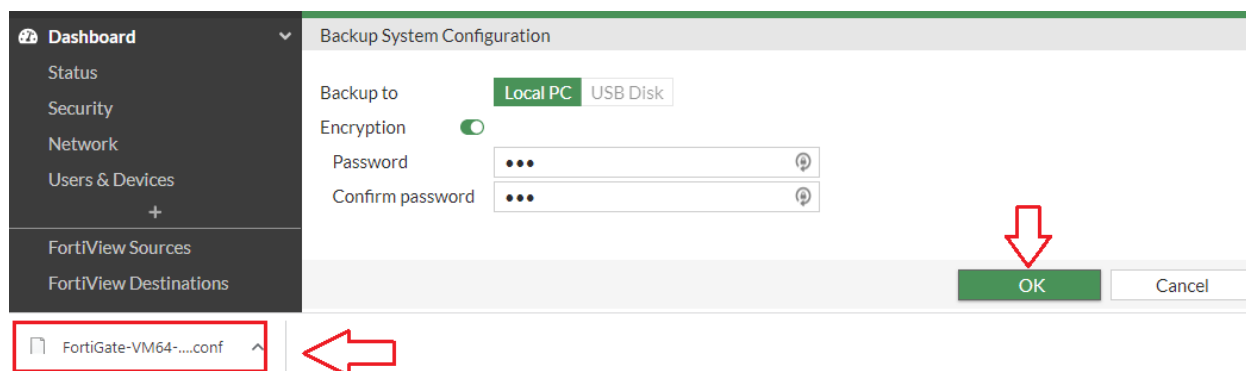
Click on the **username** in the upper right-hand corner of the screen and select **Configuration > Backup**.



Direct the backup to your **Local PC**. Enable **Encryption**. Enter a **password** and enter it again to confirm it. This password will be required to restore the configuration. Click **OK**.

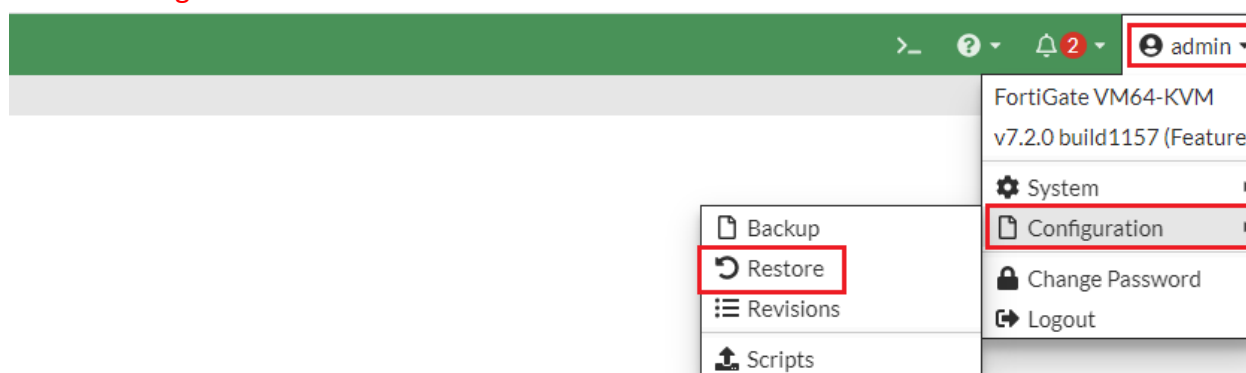


When prompted, select a location on the PC to save the configuration file. The configuration file will have a **.conf** extension.



Restore Configuration Using GUI:

Click on the **username** in the upper right-hand corner of the screen and select **admin>Configuration > Restore**.



Identify the source of the configuration file to be restored: your **Local PC**. Click **Upload**, locate the configuration file, and click Open. Enter the **password** if required. Click **OK**.

FortiGate-VM64-KVM

Dashboard

Status

Security

Network

Users & Devices

FortiView Sources

Restore System Configuration

Restore from: Local PC USB Disk

File: FortiGate-VM64-KVM_7-0_0304_202206252300.conf Upload

Password: 123

OK Cancel

It will give warning that the device will reboot click **OK** to continue.

Confirm

Restoring a global system configuration will cause the device to reboot. Are you sure you want to continue?



OK Cancel

Backup Configuration CLI:

FW1 # **execute backup config tftp FW1-Backup 192.168.114.1**

3CDaemon

File View Help


Configure TFTP Server

TFTP Server is started.
Click here to stop it.

Start Time	Peer	Bytes	Status
Jun 26, 2022 09:37:52	192.168.114.200	322411	Rcv of FW1-Backup done. 322411 bytes in 2 secs.(157 KB/sec)
Jun 26, 2022 09:36:46	local	0	Listening for TFTP requests on IP address: 10.0.188.210, Port 69
Jun 26, 2022 09:36:46	local	0	Listening for TFTP requests on IP address: 192.168.2.1, Port 69
Jun 26, 2022 09:36:46	local	0	Listening for TFTP requests on IP address: 192.168.114.1, Port 69
Jun 26, 2022 09:36:46	local	0	Listening for TFTP requests on IP address: 192.168.1.1, Port 69

Restore Configuration CLI:

FW1 # **execute restore config tftp FW1-Backup 192.168.114.1**

FW1



```
FW1 #
FW1 # execute restore config tftp FW1-Backup 192.168.114.1
This operation will overwrite the current setting and could possibly reboot the system!
Do you want to continue? (y/n)y

Please wait...
Connect to TFTP server 192.168.114.1 ...

Get file from TFTP server OK.
File check OK.
```

3CDaemon

File View Help


Configure TFTP Server

TFTP Server is started.
Click here to stop it.

Start Time	Peer	Bytes	Status
Jun 26, 2022 09:47:14	192.168.114.200	322411	Send of FW1-Backup done. 322411 bytes in 1 secs.(314 KB/sec)
Jun 26, 2022 09:37:52	192.168.114.200	322411	Rcv of FW1-Backup done. 322411 bytes in 2 secs.(157 KB/sec)
Jun 26, 2022 09:36:46	local	0	Listening for TFTP requests on IP address: 10.0.188.210, Port 69
Jun 26, 2022 09:36:46	local	0	Listening for TFTP requests on IP address: 192.168.2.1, Port 69
Jun 26, 2022 09:36:46	local	0	Listening for TFTP requests on IP address: 192.168.114.1, Port 69
Jun 26, 2022 09:36:46	local	0	Listening for TFTP requests on IP address: 192.168.1.1, Port 69

FortiGate Firewall will reboot and will restore the configuration.

FW1

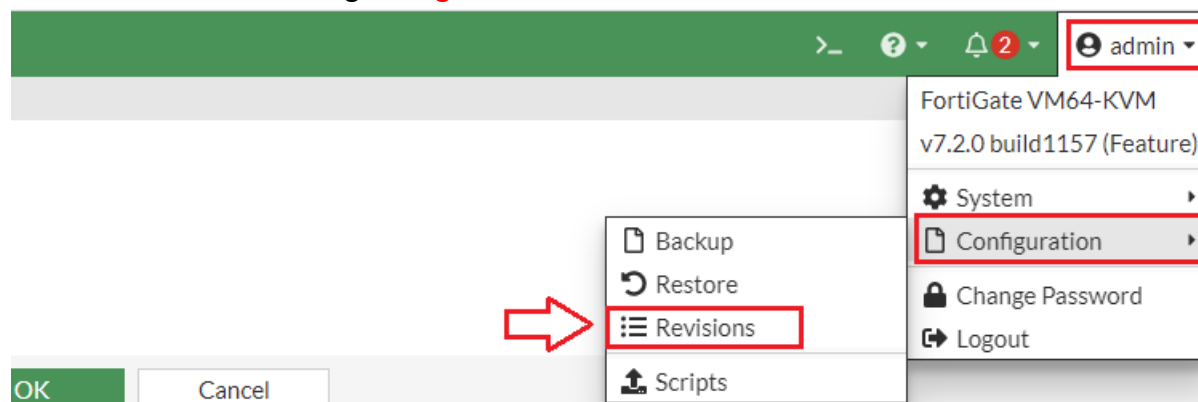
```
System is starting...
The config file may contain errors.
Please see details by the command 'diagnose debug config-error-log read'.
Serial number is FGVMEV2HCIBGC0CF

FW1 login: █
```

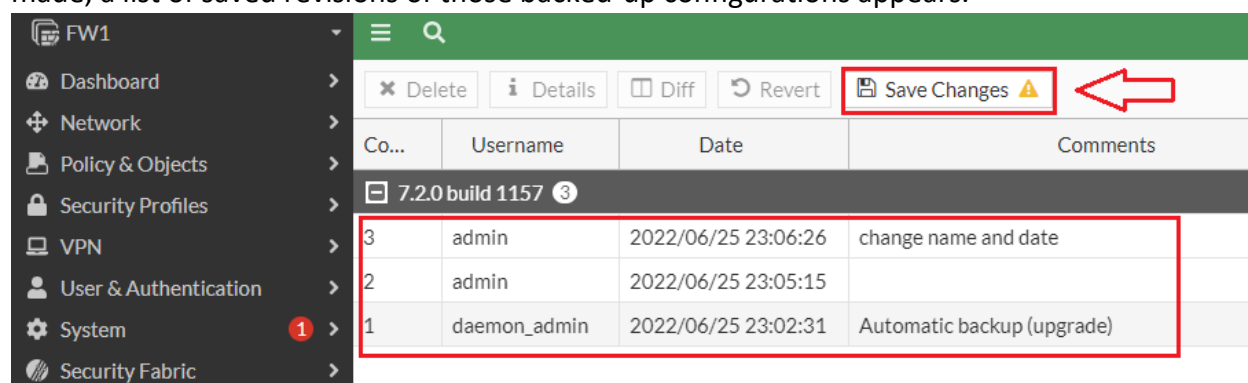
Configuration Revision:

The FortiGate configuration revision option enables the user to maintain multiple versions of the configuration file on the device, the device flash memory should be 512 or higher.

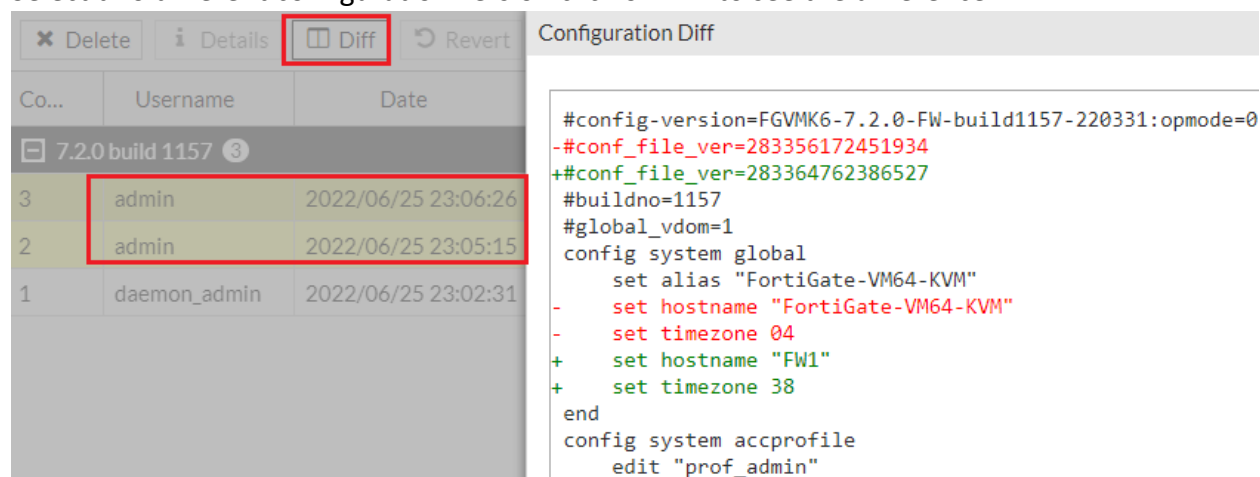
Configuration revisions are viewed by clicking on the **username** in the upper right-hand corner of the screen and selecting **Configuration > Revisions**.



When revision control is enabled on your FortiGate unit, and configuration backups have been made, a list of saved revisions of those backed-up configurations appears.



Select two different configuration version click on Diff to see the difference.



Restore Factory Defaults:

There may be a need to reset the FortiGate to its original defaults; for example, to begin with a fresh configuration. There are two options when restoring factory defaults. The first resets the entire device to the original out-of-the-box configuration. You can reset the device with the following CLI command: When prompted, type y to confirm the reset.

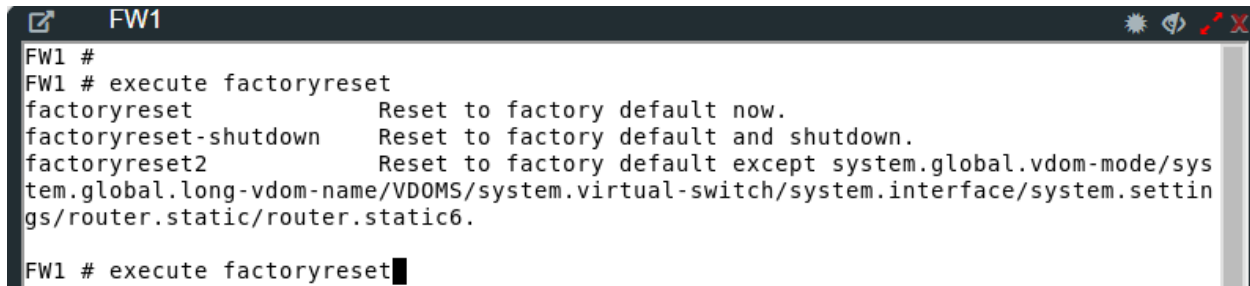
FW1 # **execute factoryreset**

A screenshot of a terminal window titled 'FW1'. The prompt is 'FW1 #'. The command 'execute factoryreset' has been entered, and the cursor is at the end of the line.

```
FW1 #  
FW1 # execute factoryreset
```

Alternatively, in the CLI you can reset the factory defaults but retain the interface and VDOM configuration with the following command:

FW1 # **execute factoryreset2**

A screenshot of a terminal window titled 'FW1'. The prompt is 'FW1 #'. The command 'execute factoryreset' has been entered, and the terminal displays help text for the 'factoryreset' command. The cursor is at the end of the line.

```
FW1 #  
FW1 # execute factoryreset  
factoryreset          Reset to factory default now.  
factoryreset-shutdown Reset to factory default and shutdown.  
factoryreset2         Reset to factory default except system.global.vdom-mode/sys  
tem.global.long-vdom-name/VDOMS/system.virtual-switch/system.interface/system.settin  
gs/router.static/router.static6.  
FW1 # execute factoryreset
```