

# Backup and restore configuration using Secure Shell (SSH)

scp must be enabled

```
enable
conf t
ssh enable scopy
```

dump running-config into file

```
copy running-config flash:/running-config
dir
```

SSH weak algorithms and ciphers need to be enabled

```
vi ~/.ssh/config
```

config

```
Host 192.168.74.1
  KexAlgorithms +diffie-hellman-group14-sha1
  HostKeyAlgorithms +ssh-rsa
  Ciphers +aes256-cbc
```

Pull config (-O tells to use legacy SCP protocol instead of SFTP)

```
scp -O r00t@192.168.74.1:running-config .
ls -la
```

```
anton-w@ant1mbp7 tftp % scp -O r00t@192.168.74.1:running-config .
r00t@192.168.74.1's password:
running-config                                     100% 4567   59.6KB/s   00:00
anton-w@ant1mbp7 tftp % ls -la
total 16
drwxr-xr-x@ 3 anton-w  staff   96 Nov 22 18:52 .
drwxr-xr-x@ 5 anton-w  staff  160 Nov 22 16:40 ..
-rw-r--r--@ 1 anton-w  staff  4567 Nov 22 18:52 running-config
anton-w@ant1mbp7 tftp %
```

Rename config for archive

TODO

# Restore

Push config

TODO

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