


# Saving and Loading Configuration Files

The Pica8 PicOS provides several commands to save, load, and execute PicOS configuration files, as detailed in this document.

 The **save** command saves configuration files in the `/pica/config/admin` directory. The **load** and **execute** commands look for configuration files in the same directory.

You can use the **save** command in L2/L3 configuration mode to save the running configuration to a file. The following example demonstrates how to save the running configuration to a file named `myconfig.conf`.

```
admin@Spinel# save ?
Possible completions:
 <file name>                Save running configuration to specified file
admin@Spinel# save myconfig.conf
Save done.
```

The configuration saved earlier in a file can be loaded or applied using the **load merge** or **load override** command in L2/L3 mode.

```
admin@Spinel# load ?
Possible completions:
 merge                       Merge the loaded configuration to the current running configuration
 override                    Override the current running configuration with the loaded configuration
```

The **load override** command completely replaces the running configuration with the configuration in a file (saved earlier). The following example replaces the running configuration with the configuration in a file named `myconfig.conf`.

```
admin@Spinel# load override ?
Possible completions:
 <text>                       Local file name
 myconfig.conf                Size: 16643, Last changed: Wed Sep 9 21:33:21 2015
admin@Spinel# load override myconfig.conf
Loading config file...
Config file was loaded successfully.
```

## NOTE:

When you fail to load configuration file by using the **load override** command, you can try using **load merge** command to load the configuration file.

The **load merge** command merges the configuration in a file (saved earlier) with the running configuration. The following example merges the configuration in a file named `myconfig.conf` with the running configuration.

```
admin@Spinel# load merge ?
Possible completions:
 <text>                       Local file name
 myconfig.conf                Size: 16643, Last changed: Wed Sep 9 21:33:21 2015
admin@Spinel# load merge myconfig.conf
Loading config file...
Config file was applied successfully.
```