

# Firewall

## Install

```
sudo yum remove -y firewalld
sudo yum install -y hubzero-iptables-basic
```

```
sudo service hubzero-iptables-basic start
sudo chkconfig hubzero-iptables-basic on
```

If installing the Hubzero tool infrastructure:

```
sudo yum install -y hubzero-mw2-iptables-basic
```

```
sudo service hubzero-mw2-iptables-basic start
sudo chkconfig hubzero-mw2-iptables-basic on
```

HUBzero requires the use of iptables to route network connections between application sessions and the external network. The scripts controlling this can also be used to manage basic firewall operations for the site. The basic scripts installed here block all access to the host except for those ports required by HUBzero (http,https,http-alt,ldap,ssh.smtp,mysql,submit,etc).