

### Connecting to Vagrant Box

**vagrant ssh** | connects to box in your path

**vagrant ssh config** | displays ssh config

run from path, prior to login

**vagrant rdp** | *I have not tested this yet*

**\*\*if more than one machine in configured within the Vagrantfile, use machine name for SSH i.e. vagrant ssh web**

### Vagrant Box Maintenance

see adjacent screen shots

**vagrant box list** | lists all available vagrant boxes on this endpoint

**vagrant box add <name> or <url>** | downloads box image to your endpoint

**vagrant box remove <name>** | deletes box from endpoint

**vagrant box prune** | status of all boxes; dropping invalid entries

**vagrant status** | displays status for box in current directory

**vagrant box outdated** | checks if box is up to date  
above must run from a box path

**vagrant global-status** | displays status for all local boxes

**vagrant package** | packages a running environment in a reusable box

### Vagrant Box Management

**vagrant --version**

**vagrant suspend**

**vagrant resume** | resumes the vagrant box

**vagrant halt** | stops the vagrant box

**vagrant reload** | restarts box w/ new configuration

**vagrant destroy** | destroys current endpoint not the base box

**vagrant validate** run from box path |

**vagrant vbguest** run from box path | installs VirtualBox Guest Editions

### Vagrant Plugins

<https://vagrant-lists.github.io/>

**vagrant plugin** | manages all plugins  
[expunge, install, license, list, repair, uninstall, update]

**vagrant plugin install [plugin name]**

vbguest, vbinfo, hostmanager, vagrant-winnfsd, vagrant-netinfo, vagrant-env, vagrant-git

**Additional vagrant plugins to consider/research**

vagrant-node, vagrant-web, vagrant-persistent-storage, vagrant-hostsupdater, vagrant-dns

### Customize the Vagrantfile

### Notes / Alerts

By default `./` on your computer is shared as `/vagrant` on the vm

vagrant cannot run simultaneously with

`ctrl d` | exits the vagrant box

If a PC goes to sleep, vagrant boxes will be forcibly shutdown but no data should be lost



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Not published yet.  
Last updated 20th February, 2023.  
Page 1 of 2.

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