**CheatSheet**

**Vagrant**

**BOXES:**

Boxes are the package format for Vagrant environments. A box can be used by anyone on any platform that Vagrant supports to bring up an identical working environment.

The vagrant box utility provides all the functionality for managing boxes.

**Adds a box with the given address to Vagrant (download and install):**

#vagrant box add matyunin/centos7

**Vagrant command info:**

#vagrant box add -h

**Lists all the boxes that are installed into Vagrant:**

# vagrant box list

**Tells you whether or not the box you're using in your current Vagrant environment is outdated:**

# vagrant box outdated

**Removes a box from Vagrant that matches the given name:**

# vagrant box remove NAME

**Repackages the given box and puts it in the current directory so you can redistribute it:**

# vagrant box repackage NAME PROVIDER

**Updates the box for the current Vagrant environment:**

# vagrant box update

**INIT:**

**Initializes the current directory to be a Vagrant environment by creating an initial Vagrant file if one doesn't already exist:**

#vagrant init [box-name] [box-url]

**Will overwrite any existing Vagrant file:**

#vagrant init [box-name] [box-url] –-force

**Minimal Vagrant file will be created:**

#vagrant init [box-name] [box-url] –-minimal

**Will output the Vagrant file to the given file:**

#vagrant init [box-name] [box-url] –-output FILE

**UP:**

**Creates and configures guest machines according to your Vagrantfile:**

#vagrant up [SERVER]

**STATUS:**

**Tells you the state of the machines Vagrant is managing:**

#vagrant status

**HALT:**

**Shuts down the running machine Vagrant is managing:**

# vagrant halt

**Don't attempt to gracefully shut down the machine:**

# vagrant halt –force

**RELOAD:**

**Equivalent of running a halt followed by an up:**

#vagrant reload

**DESTROY:**

**Stops the running machine Vagrant is managing and destroys all resources that were created during the machine creation process:**

# vagrant destroy

**Don't ask for confirmation before destroying:**

# vagrant destroy -–force

**PROVISION:**

**Runs any configured provisioners against the running Vagrant managed machine:**

#vagrant provision

**SSH:**

**Will SSH into a running Vagrant machine and give you access to a shell:**

#vagrant ssh [SERVER]

**SSH-CONFIG:**

**Will output valid configuration for an SSH config file to SSH into the running Vagrant machine from SSH directly:**

#vagrant ssh-config -–host NAME

**SUSPEND:**

**Suspends the guest machine Vagrant is managing, rather than fully shutting it down or destroying it:**

#vagrant suspend [SERVER]

**RESUME:**

**Resumes a Vagrant managed machine that was previously suspended:**

#vagrant resume

**PACKAGE:**

**Packages a currently running Virtual Box environment into a re-usable box:**

#vagrant package –output NAME

**GLOBAL-STATUS:**

**Tells you the state of all active Vagrant environments on the system for the currently logged in user:**

# vagrant global-status

**PLUGIN:**

**Installs a plugin with the given name or file path:**

#vagrant plugin install <name>...

**Installs a license for a proprietary Vagrant plugin:**

#vagrant plugin license <name> <license-file>

**Lists all installed plugins and their respective installed versions:**

#vagrant plugin list

**Uninstalls the plugin with the given name:**

#vagrant plugin uninstall <name> [<name2> <name3> ...]

**Updates the plugins that are installed within Vagrant:**

#vagrant plugin update [<name>]

**LOGIN:**

**Used to authenticate with a Vagrant Cloud server:**

#vagrant login

**Will check if you're logged in:**

#vagrant login –-check

**Will log you out if you're logged in:**

#vagrant login –-logout

**CONNECT:**

**Compliments the share command by enabling access to shared environments:**

# vagrant connect NAME

**SHARE:**

**Initializes a Vagrant Share session, allowing you to share your Vagrant environment with anyone in the world:**

#vagrant share

**RDP:**

**Will start an RDP client for a remote desktop session with the guest:**

#vagrant rdp

**ADVANCED COMMANDS:**

**View all subcommands, including the non-primary subcommands:**

#vagrant list-commands

|  |
| --- |
| **Resources:**   * https://docs.vagrantup.com/v2/cli/index.html |