Cheatography

Vagrant Set-Up Cheat Sheet

by Mary F. Smith (boogie) via cheatography.com/86236/cs/20080/

Vagrant Setup

Vagrant installs at c:\hashicorp\vagrant

Make a directory for each separate vm only 1 vagrant file can exist per directory'

```
i.e. c:\has hic orp \va gra nt \ansible
c:\has hic orp \va gra nt \deb ian10
c:\has hic orp \va gra nt \netbox
```

Initial Config [/hashicorp/vagrant/precise64]

vagrant init [`Initia lizes new vagran tfile`]

vagrant up [starts the box]

rm Vagrantfile [removes vagrant init]

```
i.e. vagrant init hashic  or p / pr  ecise64
```

General VagranMaintenance

see adjacent screen shot

vagrant box list	|lists all available vagrant boxes on this endpoint
vagrant status	| displays status for box in current directory
vagrant box outdated	| checks if box is up to date
must run from a box path	
vagrant global-status	| displays status for all local boxes
vagrant global-status --prune	| status of all boxes; dropping invalid entries
vagrant box add <name> or <url>	| downloads box image to your end point
vagrgant box remove <name>	| deletes box from end point
vagrant package	| packages a running environment in a reusable box

Advanced Vagrant Box Mgmt

vagrant provision	| forces end point to re-provision
vagrant reload --provision	| restart end point forcing provisioning
vagrant provision --debug	| increases verbosity during debug
vagrant up --provision | tee provision.log	| runs vagrant up provisioning & output logs placed in a file

enable VBGuest auto update

Notes / Alerts

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

Website Resources

https://learn.hashicorp.com/tutorials/vagrant/getting-started-boxes

https://app.vagrantup.com/boxes/search

https://www.vagrantbox.es/

Windows Base Box [vagrant box add]

http://aka.ms/msedge.win10.vagrant

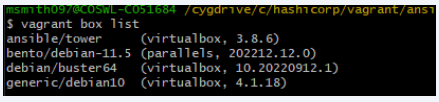
http://aka.ms/ie8.xp.vagrant

http://aka.ms/ie10.win7.vagrant

Vagrant Logs

vagrant up --provision | tee provision.log	forces provisioning and writes a log
vagrant_log=info vagrant up	use env var VAGRANT_LOG to set verbosity

Vagrant Box List





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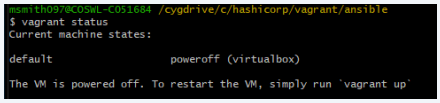
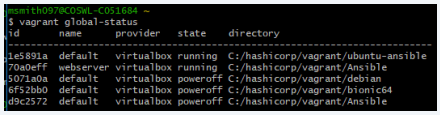
Vagrant Status



Vagrant Global-Status



Vagrant Box Outdated



Vagrant Box Add [name]



Vagrant Use Commands [Run in Project Path]

vagrant ssh	
vagrant ssh config	
vagrant suspend	
vagrant resume	
vagrant halt	
vagrant reload	| restarts box w/ new configuration
vagrant destroy	| destroys current endpoint not the base box
vagrant --version	

Vagrant Plugins

vagrant plugin	| manages all plugins
vagrant plugin install vagrant-vbguest	| installs virtual box tools
vagrant plugin install vagrant-hostmanager	
- manages /etc/hosts within a multi machine environment	
vagrant plugin install vagrant-env	
| vagrant plugin install vagrant-hostsupdater	UPdates /etc/hosts file each time vagrant stops or starts

Vagrant Share/Remote Access

vagrant share	| share your environment with anyone
vagrant connect	| connect to a shared end point
vagrant hosts	| all hostnames managed by plugin
vagrant hostmanager	| manages /etc/hosts within a multi machine environment
vagrant ssh-config	| provides connect config for machine
vagrant rdp	| connects to other machine via rdp



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