Cheatography

Vagrant Cheat Sheet

by Mary F. Smith (boogie) via cheatography.com/86236/cs/36490/

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 end point
vagrgant box remove <name>	| deletes box from end point
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vagrant box outdated	| checks if box is up to date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

Vagrant Network Management

vagrant@debian11:/ ip -c link show	| displays network devices
vagrant@debian11:/ sudo cp /etc/network/interfaces ~/	| creates a copy of the network file
vagrant@debian11:/ sudo nano /etc/network/interfaces	| opens the network file for editing i.e. creating a static IP

Notes / Alerts

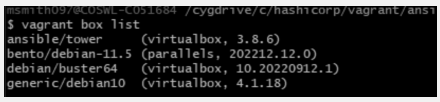
By default ./ on your computer is shared as /vagrant on the vm

vagrant cannot run simultaneously with

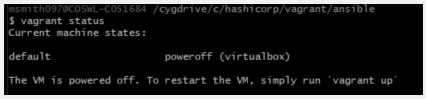
ctrl d | exits the vagrant box

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

Vagrant Box List



Vagrant Box Status



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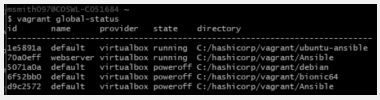
Vagrant Global-Status



Vagrant Box Outdated [run from box path]

Vagrant Box Add [i.e.] hashicorp/precise64

Vagrant Quick Set-Up

Vagrant installs at c:\hashicorp\vagrant	c:\>**cd hashicorp\vagrant**
Make a directory for each separate vm	c:\>**mkdir precise64**
i.e.	c:\>**cd hashicorp\vagrant\precise64**
c:\has hic orp \va gra nt \pre cise64	c:\>ha shi cor p\v agr ant \pr - ecise64
c:\has hic orp \va gra nt \deb ian10	**vagrant init hashicorp/precise64**
c:\has hic orp \va gra nt \ans ible	initia lizes a new vagran tfil e
	vagrant up [starts the box]

Vagrant Box Sites [working as of 01/2023]

Windows Boxes
https://app.vagrantup.com/kganguly/boxes/MSEdge-Win10
https://gist.github.com/santrancisco/a7183470efa0e3412222670d0b-fb3da5
https://gist.github.com/hiasinho/3b76ff6a7b102d589caf
https://app.vagrantup.com/lonniev/boxes/vagrant-win7-ie10
Linux Boxes
https://app.vagrantup.com/boxes/search
https://www.vagrantbox.es/
https://app.vagrantup.com/boxes/search?provider=&q=Windows+-XP&utf8=%E2%9C%93

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