Vagrant Commands Cheat Sheet

Basic Commands

- **`vagrant init [box_name]`** Initializes a new Vagrant environment in the current directory with the specified box.
- **`vagrant up`** Starts and provisions the Vagrant environment.
- **`vagrant ssh`** SSH into the running Vagrant machine.
- **`vagrant status`** Check the status of the Vagrant environment and VMs.
- **`vagrant suspend`** Suspends the Vagrant machine, saving its current state to disk.
- **`vagrant resume`** Resumes a suspended Vagrant machine.
- **`vagrant halt`** Stops the Vagrant machine.
- **`vagrant destroy`** Stops and deletes all traces of the Vagrant machine.

Box Management

- **`vagrant box add [box_name]`** Adds a box to the Vagrant environment.
- **`vagrant box list`** Lists all boxes that are installed.
- **`vagrant box remove [box_name]`** Removes a box from the Vagrant environment.
- **`vagrant box outdated`** Checks if the box used in the current Vagrant environment is outdated.
- **`vagrant box update`** Updates the box used in the current Vagrant environment.

Provisioning

- **`vagrant provision`** Runs the provisioners defined in the Vagrantfile.
- **`vagrant reload`** Restarts the Vagrant machine and loads new configurations.

Networking

- **`vagrant port`** Displays information about guest port mappings.

Snapshot Management

- **`vagrant snapshot save [name]`** Saves the current state of the Vagrant machine.

- **vagrant snapshot list** Lists all snapshots taken for the Vagrant machine.

- **vagrant snapshot restore [name]** Restores the Vagrant machine to a previously taken snapshot.

- **vagrant snapshot delete [name]** Deletes a specified snapshot.

Other Commands

- **vagrant global-status** Outputs the status of all Vagrant environments on the system.

- **vagrant version** Outputs the current version of Vagrant.

- **vagrant plugin list** Lists all installed Vagrant plugins.

- **vagrant plugin install [plugin_name]** Installs a Vagrant plugin.

- **vagrant plugin uninstall [plugin_name]** Uninstalls a Vagrant plugin.

- **vagrant plugin update [plugin_name]** Updates a specific Vagrant plugin.

- **vagrant validate** Validates the Vagrantfile for syntax errors.

- **vagrant package** Packages the current Vagrant environment into a box.

- **vagrant rsync** Synchronizes the content of the synced folders from the host to the guest.

- **vagrant rsync-auto** Automatically syncs files between host and guest when they change.