

VAGRANT CONFIGURATION FOR GAMMA

Pre-requisites:

Setup following applications on your host machine in order to run Vagrant Script

- Oracle VM Virtual Box (<https://www.virtualbox.org/wiki/Downloads>)
- Vagrant (<https://www.vagrantup.com/downloads.html>)

Steps:

Make sure to reboot the machine after configuring both Oracle VM Box and Vagrant. Then follow below steps:

1. Download pre-configured Vagrant setup from>>
 1. Acellere Network's Shared Drive:
\\192.168.1.100\SharedData\Vagrant_Automation
 2. Download Zip for current sprint from GitHub:
<https://github.com/acellere/gammatestautomation.git>
 1. Extract and put the zip to desired location
 2. Remove everything except vagrant folder from extracted zip
2. Open Command Prompt / Terminal Go to */vagrant* folder path
3. Execute commands:
 1. **vagrant plugin install vagrant-disksize**
This plugin is necessary so that user can provide custom VDI storage.
 2. **vagrant up**
4. Vagrant script will configure VMs for the configuration provided in the script.
Once the execution is finished, you can see the VMs in Oracle VM Box application.

Notes:

Please note following points:

1. Vagrant script file shall be named as ***Vagrantfile***
2. ***Vagrantfile*** should be placed under *.../vagrant* folder location only
3. In order to access current Vagrant box simply execute command: **vagrant ssh**
In order to delete current Vagrant box, simply execute command: **vagrant destroy**
4. For more CLI commands, refer: <https://www.vagrantup.com/docs/cli/>
5. You can specify the OS Type for the VM in the same ***Vagrantfile*** as below:
For CentOS: `gamma.vm.box = "bento/centos-7.5"`
For RedHat: `gamma.vm.box = "generic/rhel7"`
For Ubuntu: `gamma.vm.box = "ubuntu/xenial64"`
where 'gamma' is the name provided to VM instance
6. You can specify the Storage Capacity for the VM in the same ***Vagrantfile*** as below:
`config.disksize.size = '30GB'`
7. You can specify the RAM for the VM in the same ***Vagrantfile*** as below:
`v.customize ["modifyvm", :id, "--memory", "6144"]`

8. Most importantly, user must do is to change the Build URL. Make sure to apply the changes at below lines in Vagrantfile.

Only two things to be updated: 1. URL and 2. Name of the file

- `gamma_url=http://192.168.1.13:8080/job/Release_Jobs/job/Master_Release/lastSuccessfulBuild/artifact/build/gamma_ubuntu_with_dependencies_1.6.2.1.run`
 - `curl "$gamma_url" -o gamma_ubuntu_with_dependencies_1.6.2.1.run`
 - `sudo chmod 755 gamma_ubuntu_with_dependencies_1.6.2.1.run`
 - `sudo ./gamma_ubuntu_with_dependencies_1.6.2.1.run agree install_default`
9. API and Scan Test reports are generated in the same `.../vagrant` folder