* Set up a Cluster
  + ssh control machine
    - nano /vagrant/provisioning/ansible/utility\_scripts/02-get\_vagrant\_scripts.sh
      * paste script code
    - bash /vagrant/provisioning/ansible/utility\_scripts/02-get\_vagrant\_scripts.sh
      * will fetch and set up all scripts and cache credentials for gitlab.com
    - bash /vagrant/provisioning/ansible/utility\_scripts/01-set\_up\_ssh\_keys.sh
      * will set up ssh keys for password less access
  + ssh cluster machines that will need to access gitlab server
    - nano /vagrant/provisioning/ansible/utility\_scripts/02-get\_vagrant\_scripts.sh
      * paste script code
    - bash /vagrant/provisioning/ansible/utility\_scripts/02-get\_vagrant\_scripts.sh
      * will fetch and set up all scripts and cache credentials for gitlab.com
    - bash /vagrant/provisioning/ansible/utility\_scripts/01-set\_up\_ssh\_keys.sh
      * will set up ssh keys for password less access
  + ssh control machine
    - bash /vagrant/provisioning/ansible/infra/infra.sh –c cluster -s <site\_name> -ip yes
      * will set up mariadb + galera + gluster cluster
      * will set up cluster\_controller
      * will set up nfs\_server
    - bash /vagrant/provisioning/ansible/apps/ccrm\_cluster.sh -s <site\_name> -ip yes
      * will set up CyberMed CRM on cluster with cache & upload dirs mounted on shares from nfs\_server
* Set up Individual machine
  + ssh machine
    - nano /vagrant/provisioning/ansible/utility\_scripts/02-get\_vagrant\_scripts.sh
      * paste script code
    - bash /vagrant/provisioning/ansible/utility\_scripts/02-get\_vagrant\_scripts.sh
      * will fetch and set up all scripts and cache credentials for gitlab.com
      * will fetch and set up all scripts and cache credentials for gitlab.com
    - bash /vagrant/provisioning/ansible/utility\_scripts/01-set\_up\_ssh\_keys.sh
      * will set up ssh keys for password less access
    - bash /vagrant/provisioning/ansible/infra/infra.sh –c local -s <site\_name> -ip yes
      * + will set up all required infrastructure
      * bash /vagrant/provisioning/ansible/bin/infra/nfs\_server\_local.sh -s <site\_name> -ip yes
        + will set up nfs\_server on machine specified in h\_local\_<sitename>.txt or h\_local.txt
      * bash /vagrant/provisioning/ansible/apps/ccrm\_cluster.sh -s <site\_name> -ip yes
        + will set up CyberMed CRM on cluster with cache & upload dirs mounted on shares on localhost [unless site\_vars/site\_name/vars.yml specifies different mount nfs\_server]
* Directory Structure
  + **Scripts**
    - Utility scripts are in /vagrant/provisioning/ansible/utility\_scripts
      * Used to set up the host such as
        + 01-set\_up\_ssh\_keys.sh
        + 02-get\_vagrant\_scripts.sh
        + 04-create-backup-user.sh
        + 05-copy-id-backup-user.sh
    - All ansible scripts are in /vagrant/provisioning/ansible/bin/<subfolders>
      * /vagrant/provisioning/ansible/bin/infra:
        + scripts to setup basic infrastructure
      * /vagrant/provisioning/ansible/bin/apps
        + scripts to set up a vertical usage such as nfs\_server, ccrm, etc
      * /vagrant/provisioning/ansible/bin/cluster-utils
        + scripts that nmake it easy to run simple tasks against hosts in group cluster
    - compulsory vars
      * infra and apps scripts
        + <script name> -s <site\_name>
      * adhoc\_scripts
        + <script name> -i <inventory\_file\_name> -r <command to run> <optional extra params as per script>
  + Custom Configuration Directories added via hacks
    - app\_vars
    - site\_vars
    - config\_vars