## Configure Networking after cloning

## Requirements

VM Network Adapter must be configured through VSphere to "EP Network".

## To Configure Networking

* Login via the vSphere Client and select the newly created image and the go to the console tab.change the host name of the VM
* Log onto the image as the root user
* Open a terminal window and modify the following variable in the /etc/sysconfig/network file to the correct hostname.

*HOSTNAME=clt3lsqap01vm*

As of 11/14/2013 the following naming convention should be followed for hostnames. Ensure hostnames are not in use already.

*1st 3 characters = Location (i.e. cov=Coventry, nrc=Norcross, clt=Charlotte etc..)*

*4th character = 2 for Windows, 3 for Unix*

*5th character (Only used If Unix) = A for AIX, L for Linux, S for Solaris*

*6th character = c = AD Core Product, s= Services Customer Project)*

*7th character = Environment Type ( q = QA , c= CIT, s = Security, p = performance)*

*8-11 = server type*

*ap = Application Server*

*ws = webserver*

*ac = actuate server*

*db = database server*

*rt = Realtime Adapter*

*hs= Host simulator*

*mq = MQ*

*bs= Birt Server ( only OLB)*

*mcm= Mobile Channel Manage*

*upp = UPP*

*apsf = APSF*

*12-13 character = machine number Append vm to end of the machine if this machine is a ESX image*

*Example:*

*clt3lsqap01vm - Services QA App Server running on a Linux VM located in Charlotte*

* Modify the following variables in the /etc/sysconfig/network-scripts/ifcfg-eth0 file. If any of the variables below do not exist add them to the bottom of the file.

*BOOTPROTO=none*

*ONBOOT=yes*

*IPADDR=10.28.62.109*

*NETMASK=255.255.255.0*

*GATEWAY=10.28.62.1*

*DNS1=10.28.32.48*

*DNS2=10.6.66.12*

*DNS3=10.6.66.13*

*DOMAIN=ep.clt.s1.com*

*Notes:*

* 1. *If BOOTPROTO is set to dhcp change it to none*
  2. *Change IPADDR and GATEWAY to appropriate values based on subnet you are on.*
  3. *For Charlotte keep the DNS entries above, but for old Norcross devlab set these to DNS1=10.6.66.12 and DNS2=10.6.66.13 and drop the DNS3 line*
  4. *Change domain to reflect the DOMAIN (Not to be confused with Active Directory Domain) of the machine will be on (e.g ep.clt.s1.com, devlab.norc.s1.com etc..)*
* Add an entry for the new host in the /etc/hosts file

*127.0.0.1 localhost localhost.localdomain localhost4 localhost4.localdomain4*

*::1 localhost localhost.localdomain localhost6 localhost6.localdomain6*

*10.28.62.109 clt3lsqap01vm clt3lsqap01vm.ep.clt.s1.com*

* Verify /etc/resolv.conf and ensure DNS servers match those specified when modifying /etc/sysconfig/network-scripts/ifcfg-eth0

*nameserver 10.28.32.48*

*nameserver 10.6.66.12*

*nameserver 10.6.66.13*

* Change to the /etc/ssh directory and delete host specific ssh keys by running the following command:

*rm -rf /etc/ssh/\*\_host\_\**

* Delete the /etc/udev/rules.d/70-persistent-net.rules. This will allow the file to be generated with the correct MAC address and network interface name (eth0).

*rm /etc/udev/rules.d/70-persistent-net.rules*

* Reboot the image by running the following command

*shutdown -r now*