These instructions are for a full install of Websphere 7 minus any DMZ web servers on a

64bit Websphere environment. The architecture for the environment is a follows

One Server to include the Deployment Manager and first Appserver Node

One Server for the second Appserver Node

(Any number) or Servers for the IHS node (s)

Prior to running install the following is required

* The creation of the /var/websphere mount
* The alias and host names of all Websphere servers that you will be installing for

This process is broken down as follows

* Run stage (Run from dmgr server as wsadm)
* Install update installer (Run from dmgr server as wsadm
* Run prep for dmgr and appserver (Run from dmgr server as wsadm)
* Run prep for ihs server(s) (Run from dmgr server as wsadm)
* Run install of dmgr and appserv1 (Run from dmgr server as wsadm)
* Run install of appserver2 ( Run from second server as wsadm )
* Run install of ihs servers ( Run from respective ihs server as wsadm)
* Stop and backup base config files ( Run from respective dmgr and appserver)
* Run workspace jobs (Run from dmgr server as wsadm)

1. Run stage (Run from dmgr server as wsadm)

**chmod -Rf 755 /var/websphere**

**/var/websphere/was7stage/./runfirst.sh**

*Response Questions (examples given are for tst):*

*Enter environment for WAS 7 install example: tst, qa or prd*

***tst***

2. Install update installer (Run from dmgr server as wsadm)

**/var/websphere/src/install/bin/prep/./updateinstall.sh**

3. Run prep for dmgr and appserver (Run from dmgr server as wsadm)

**/var/websphere/src/install/bin/prep/./dmgr\_both\_appsrv\_prep.sh**

*Response Questions (examples given are for tst):*

*Enter the dmgr host name*

***cerd1606***

*Enter the dmgr alias*

***was7dm1tst***

*Enter the Appserver alias for dmgrhost*

***was7app1tst***

*Enter the second Appserver host name*

***cerd1607***

*Enter second appserver alias for second appserver host*

***was7app2tst***

*Type last 2 digits for fixpack you wish to applyls*

***21***

*Type y if this is correct, any other response will exit program*

***y***

4. Run prep for ihs server(s) (Run from dmgr server as wsadm)

**/var/websphere/src/install/bin/prep/./ihs\_prep.sh**

*Response Questions (examples given are for tst):*

*Enter the web host name*

***cerd1605***

*Enter the web host alias*

***was7web1tst***

*type last 2 digits for fixpack you wish to apply*

***21***

*Type the dmgr host name*

***cerd1606***

5. Run install of dmgr and appserv1 (Run from dmgr server as wsadm)

**/var/websphere/src/install/bin/install/./dmgrinstall\_was7dm1tst.sh**

6. Run install of appserver2 (Run from second server as wsadm )

**/var/websphere/src/install/bin/install/./appsrvinstall\_was7app2tst.sh**

7. Run install of ihs servers (Run from respective ihs server as wsadm)

**/var/websphere/src/install/bin/install/./ihsinstall\_was7web1tst.sh**

*Response Questions (examples given are for tst):*

Enter password for wsadm

**Password in keypass**

8. Stop and backup base config files ( Run from respective dmgr and appserver)

# Run from dmgr #

**/var/websphere/src/install/bin/start\_stop\_services/./stopall\_was7dm1tst.sh**

# Run from second appserver #

**/var/websphere/src/install/bin/start\_stop\_services/./stopall\_was7app2tst.sh**

# Run it respective backups #

# from dmgr #

**/var/websphere/src/install/bin/install/bk\_restore/./backupdmgr\_was7app1tst.sh**

# from second appserver

**/var/websphere/src/install/bin/install/bk\_restore/./backupapp\_was7app2tst.sh**

# now go back and start services #

# from dmgr #

**/var/websphere/src/install/bin/start\_stop\_services/./startall\_was7dm1tst.sh**

# from second appserver #

**/var/websphere/src/install/bin/start\_stop\_services/./startall\_was7app2tst.sh**

9. Run workspace jobs (Run from dmgr server as wsadm)

**/var/websphere/src/install/bin/workspace/./was7web1tst.sh**

**/var/websphere/src/install/bin/workspace/./workspace\_was7dm1tst.sh**