**Deploy Tag to Production Environment**

1. NOTE: before continuing, make sure that the External IP Address you are going to access that Production environment from has been added to the AWS “firewall” rules. You also need to rsync updated install scripts from sckbuild before running them on each server. Also make sure that you the /opt/latest symbolic link on sckbuild is pointing to the latest release before starting.
2. Log into the sckui (www) server in Production via SSH
3. Log in as admin user and sudo su -
4. Stop HTTPD Service: service httpd stop
5. Log into the messaging server in Production via SSH
6. Log in as admin user and sudo su -
7. Stop all services: service stopAll
8. Log into the dwdb server in Production via SSH
9. Log in as admin user and sudo su -
10. Stop all services: service dwsybase stop
11. Do the same for the api servers as well, and do a service wildfly stop on them as root.
12. Log into the txdb server in Production via SSH
13. Log in as admin user and sudo su -
14. Rsync the new install script if there are updates:

Example: rsync -avh [sckadmin@sckbuild.fastinc.com::latest/aboveStore/upgrade/production/upgradetxdb\*](mailto:sckadmin@sckbuild.fastinc.com::latest/aboveStore/upgrade/production/upgradetxdb*) update/

If this fails, you might need to move an elastic IP address to the server. You need AWS console access for this.

1. Once completed, execute the following to upgrade the transactional database:
   * bash -x /root/update/upgradetxdbnoreplacedb.sh
2. Reboot the txdb AMI by executing: init 6
3. Wait for txdb to boot up completely
4. Log into the dwdb server in Production via SSH
5. NOTE: Make sure that the database on txdb is fully functional (running and accepting connections) before starting the next step. The data warehouse update.SQL REQUIRES the transactional database be up and functional
6. Rsync the install script

rsync -avh [sckadmin@sckbuild.fastinc.com::latest/aboveStore/upgrade/production/upgradedwdb\*](mailto:sckadmin@sckbuild.fastinc.com::latest/aboveStore/upgrade/production/upgradedwdb*) update/

If this fails, you might need to move an elastic IP address to the server.

1. Once completed, execute the following to upgrade the data warehouse database:
   * bash -x /root/update/upgradedwdbnoreplacedb.sh
2. Reboot the dwdb AMI by executing: init 6
3. Wait for dwdb to boot up completely
4. Log into the messaging server in Production via SSH
5. sudo su -
6. Rsync the install script

rsync -avh [sckadmin@sckbuild.fastinc.com::latestqa/aboveStore/upgrade/production/upgrademessaging\*](mailto:sckadmin@sckbuild.fastinc.com::latestqa/aboveStore/upgrade/production/upgrademessaging*) update/

1. Execute the following to upgrade messaging: bash -x /root/update/upgrademessaging.sh
2. Reboot the messaging AMI by executing: init 6
3. Log into the both of the api servers in Production via SSH
4. Sudo su –
5. Rsync the install script

rsync -avh [sckadmin@sckbuild.fastinc.com::latestqa/aboveStore/upgrade/production/upgradeapiwildfly.sh](mailto:sckadmin@sckbuild.fastinc.com::latestqa/aboveStore/upgrade/production/upgradeapiwildfly.sh) update/

1. bash –x /root/update/upgradeapiwildfly.sh
2. reboot the servers
3. Log into the sckui (www) server in Production via SSH
4. Rsync the install script

rsync -avh [sckadmin@sckbuild.fastinc.com::latestqa/aboveStore/upgrade/production/upgradesckui.sh](mailto:sckadmin@sckbuild.fastinc.com::latestqa/aboveStore/upgrade/production/upgradesckui.sh) update/

1. Execute the following to upgrade the sckui: **bash -x /root/update/upgradesckui.sh**
2. If necessary, edit /etc/httpd/conf.d/proxy\_ajp.conf” to the next version number, for example change all mysck-3-15-4 to mysck-3-16-0
3. Also add proxy rules for the new prelogin.sat, once we figure out what they actually are.
4. You might also need proxy rules for CMDB, depending on when that gets deployed
5. Reboot the sckui AMI by executing: init 6
6. Log into the sftp server in Production via SSH
7. Sudo su –
8. Rsync the install script

rsync -avh [sckadmin@sckbuild.fastinc.com](mailto:sckadmin@sckbuild.fastinc.com)::latestqa/aboveStore/upgrade/production/updatesftp\* update/

1. bash -x /root/update/upgradesftp.sh
2. Reboot
3. TEST it!