

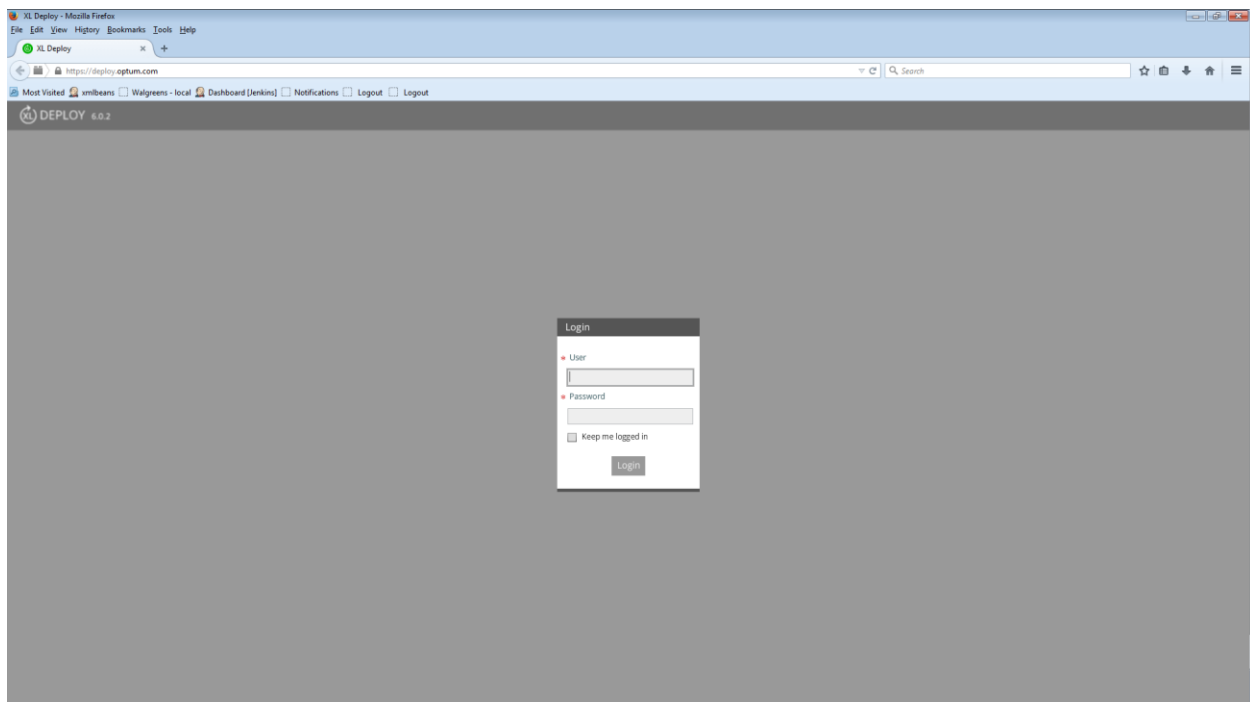
XL Deploy Tool Description & Process:

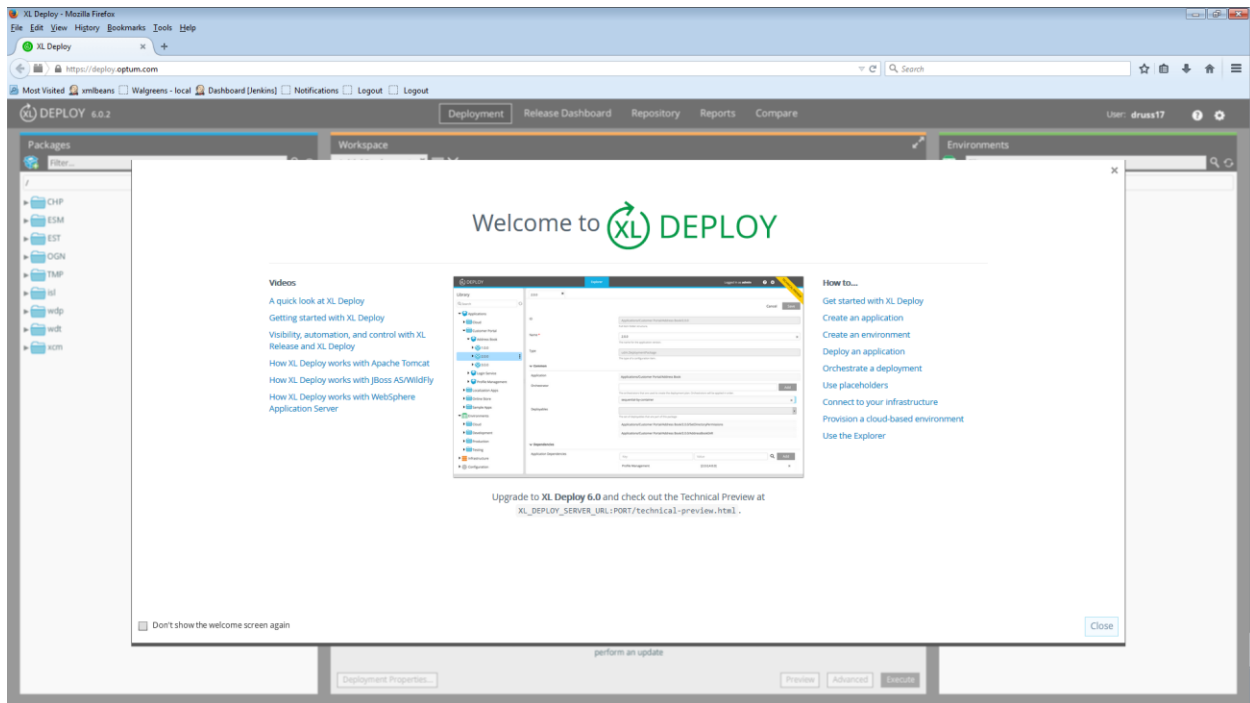
Tool Description:

- The URL for XL Deploy: <https://deploy.optum.com> (prod)
- XL Deploy is used for deploying applications to infrastructure (NGIS servers, Application Servers, OSE 3.x servers, AEM environments, etc.)
- XL Deploy works with a very simple concept of deploying an application to an environment, which consists of infrastructure defined within XL Deploy. The UI interface is a drag and drop interface for one off type of deployments, but we will not be doing our pipelines within XL Deploy but rather within XL Release which is a tool written specifically to manage a release, and as part of a release, software deployments.

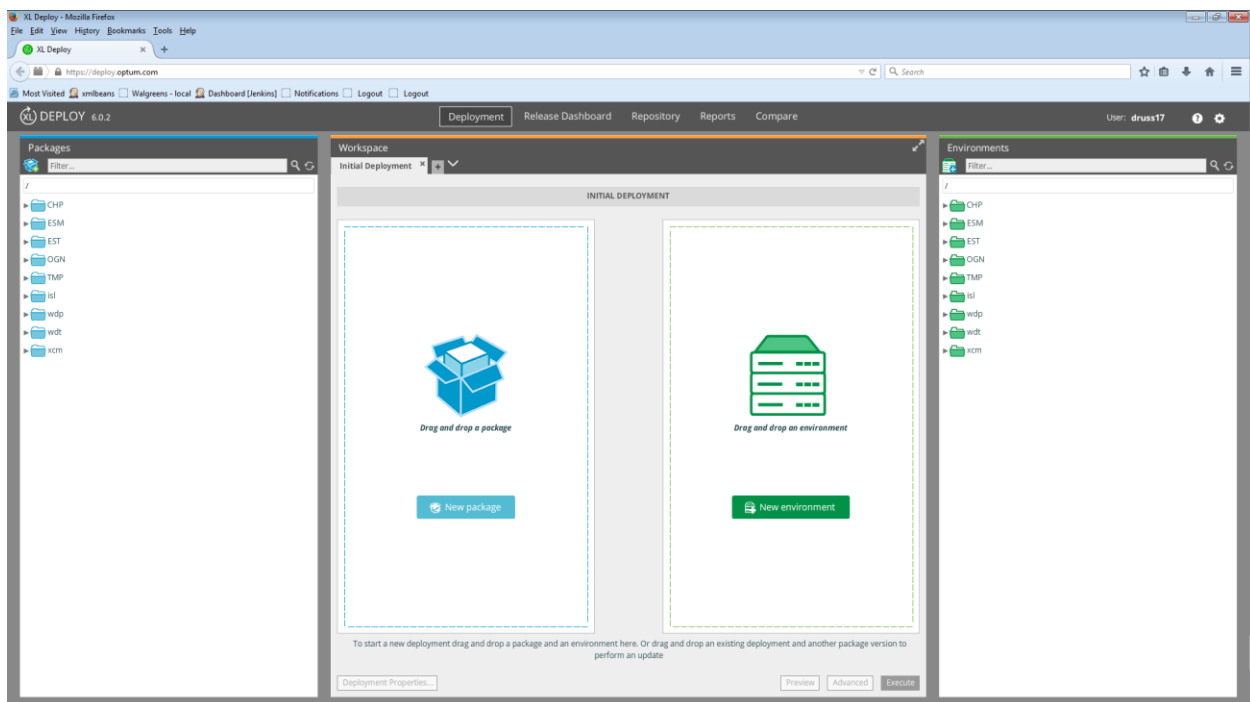
XL Deploy Process:

First we need to log in with our MS credentials to XL Deploy: <https://deploy.optum.com>



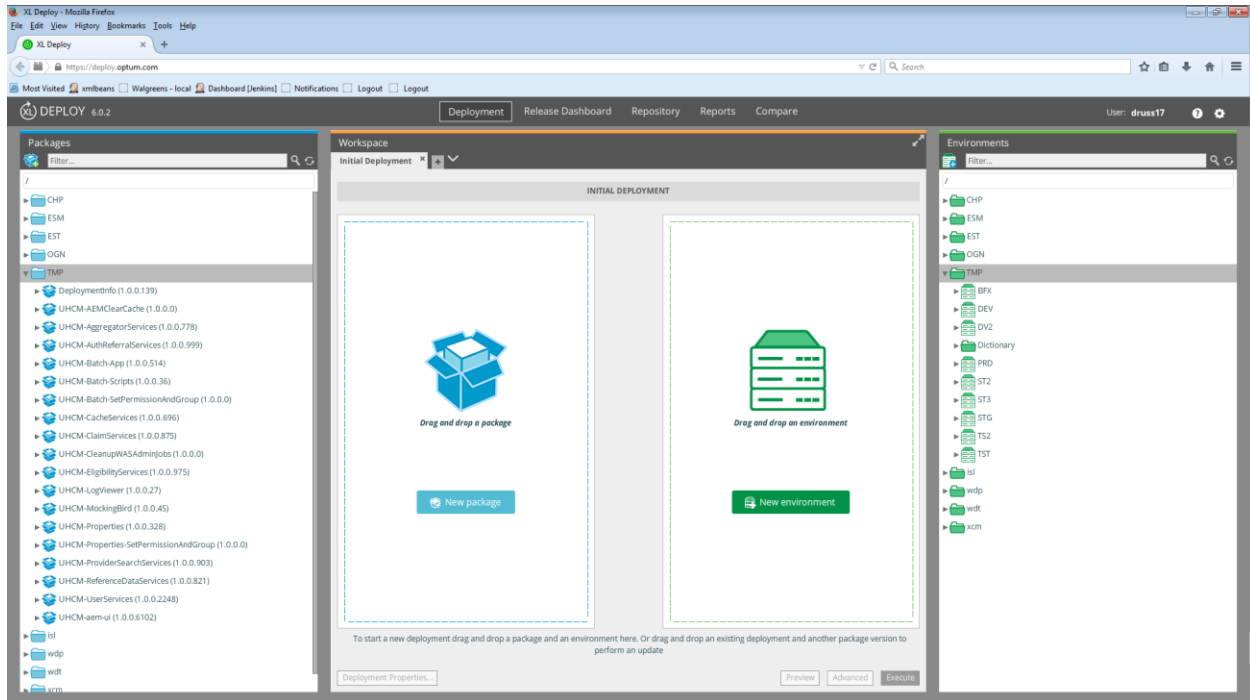


We close the modal popup window to see the product. The modal popup window has links to various concepts and documentation for this tool.



Now we see the main screen. We start on the Deployment tab across the top. We will also use the Repository tab for defining infrastructure, environments, applications, etc.

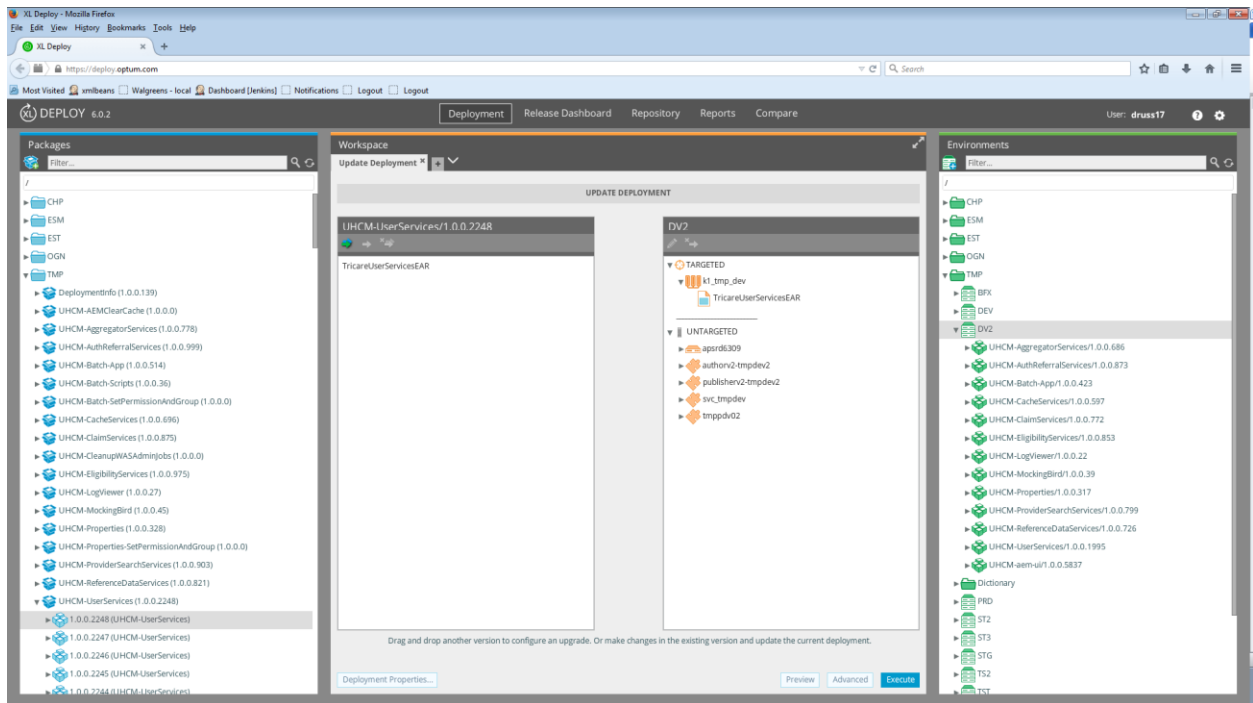
The folders on the left are the products we support and within each folder the applications we can deploy. The right side has the environments for a given product where the applications can be deployed.



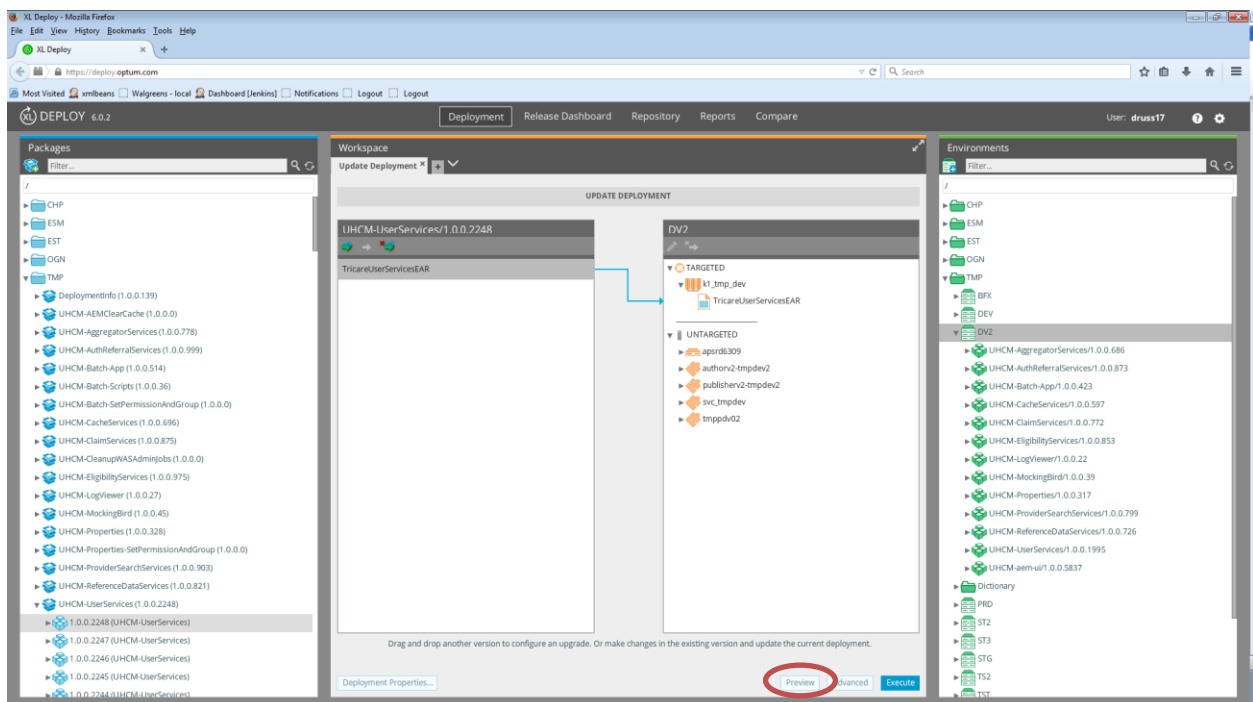
Please note the naming standard on environments:

1. DEV or DV2, DV3, etc. for development environments
2. TST, TS2, TS3, etc. for Test environments
3. STG, ST2, ST3 for Stage environments
4. PRD, PR2, PR3, etc. for production environments

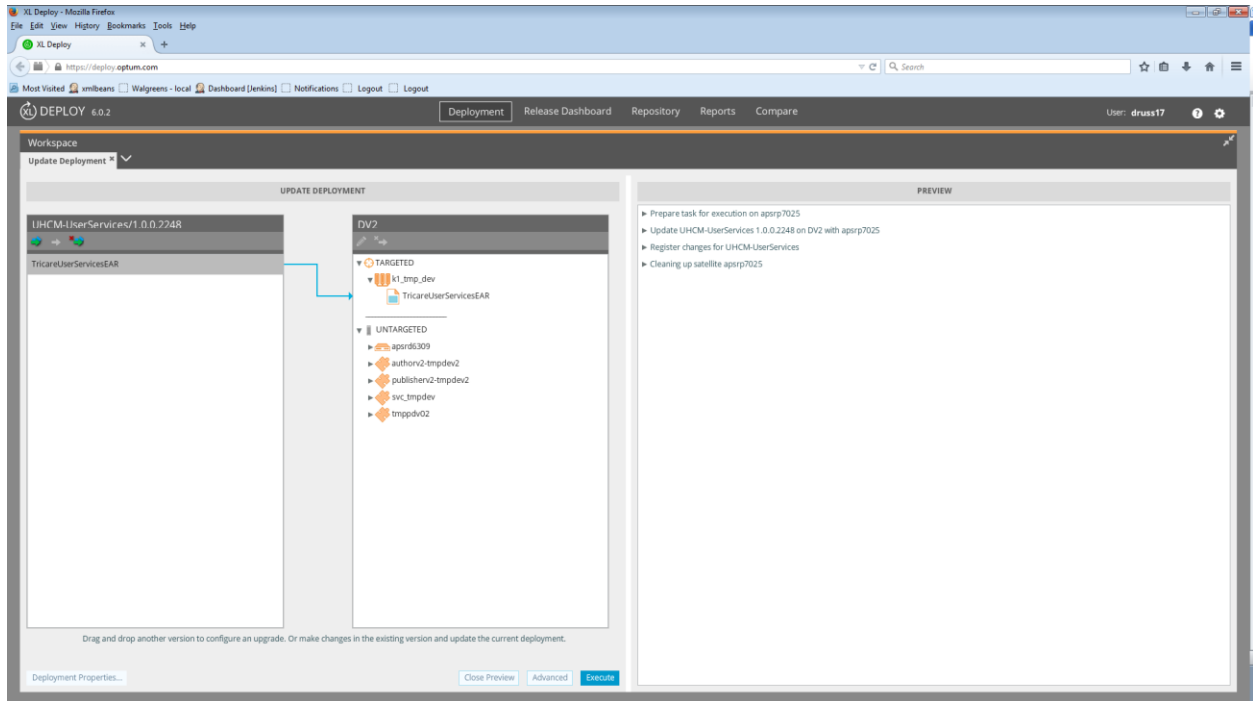
To deploy an application to an environment we simply drag an application version from the left side out to the left side panel and then drag an environment from the right side to the center right panel.



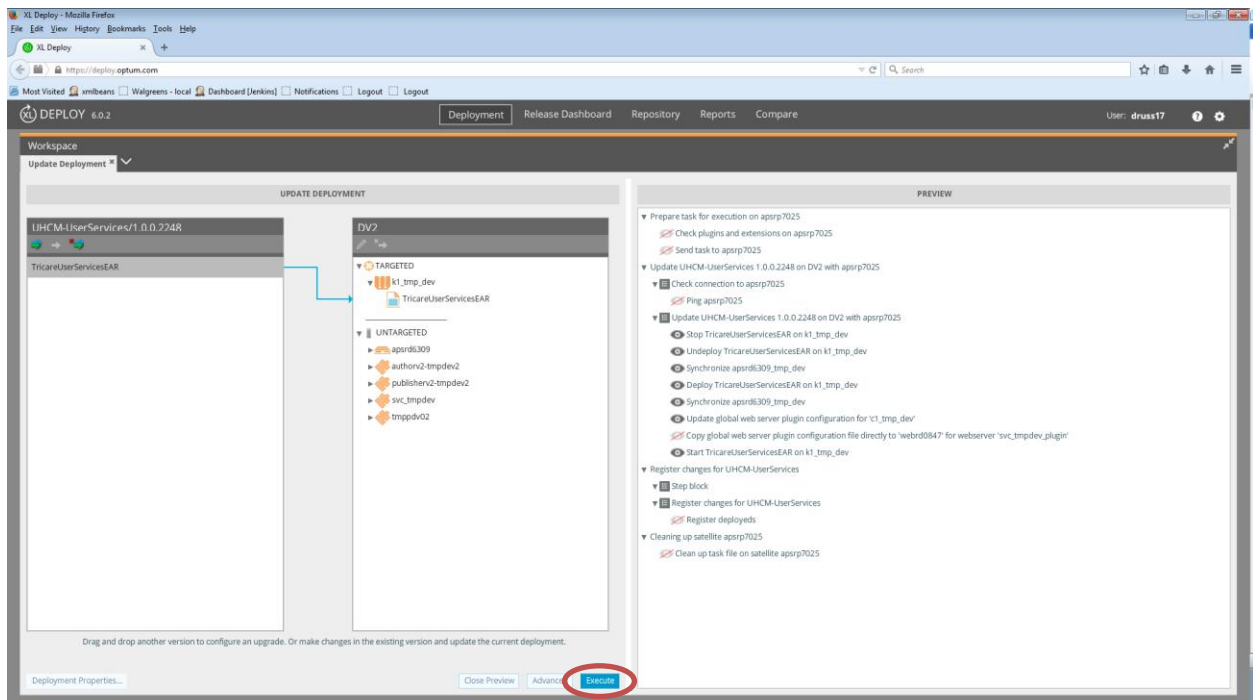
Here we are deploying version 1.0.0.2248 of User Services to dev2 (DV2) environment. If you click on the application in left center panel you will see where it gets deployed:



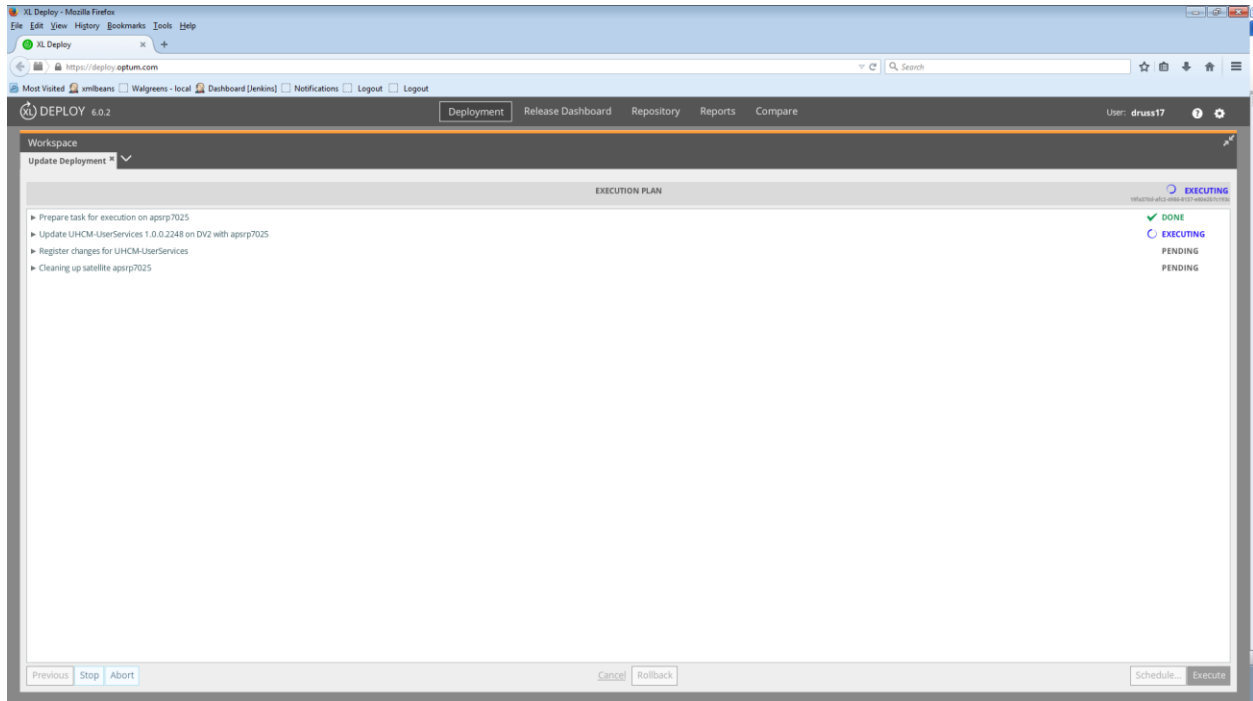
This indicates it is going to k1 on the DV2 (dev2) environment. This is the JVM under k1. If there were multiple servers for a cluster (k1 in this case) you would see them. This gives you an idea of how it works. Now we click the preview button (center, lower right)



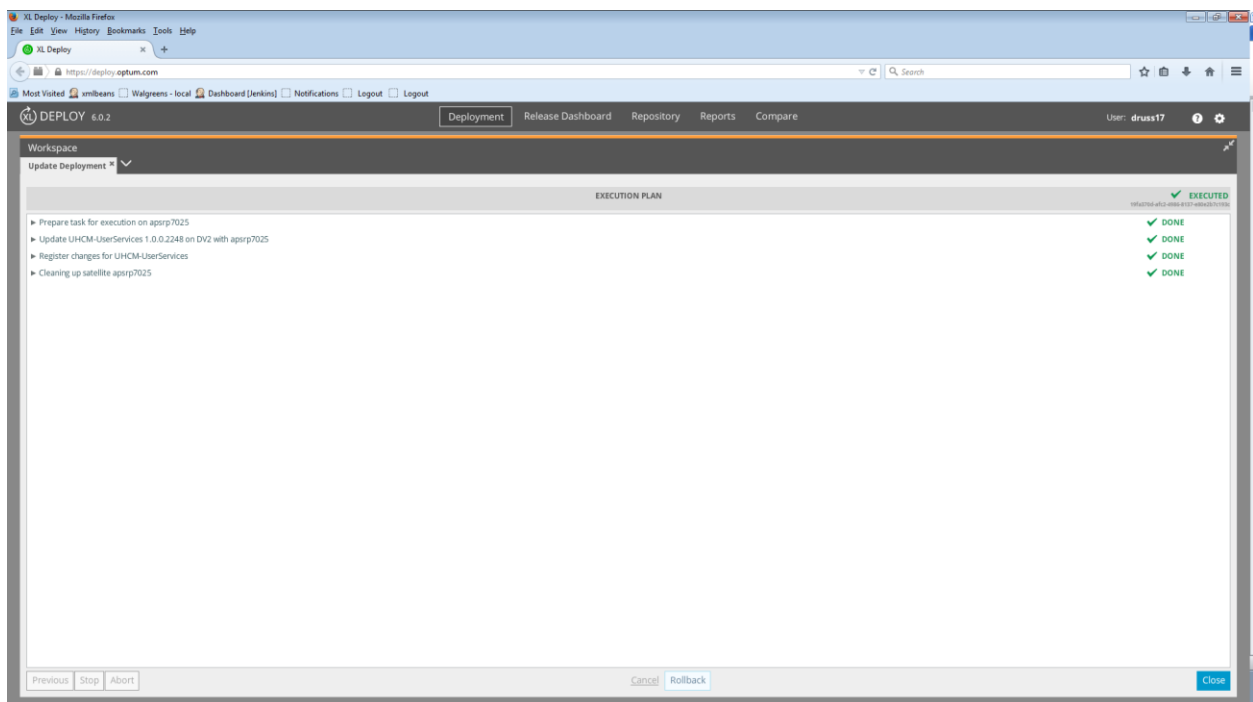
This shows us (above) the preview of what work will occur when doing the deployment. We can expand the tasks on the right side.



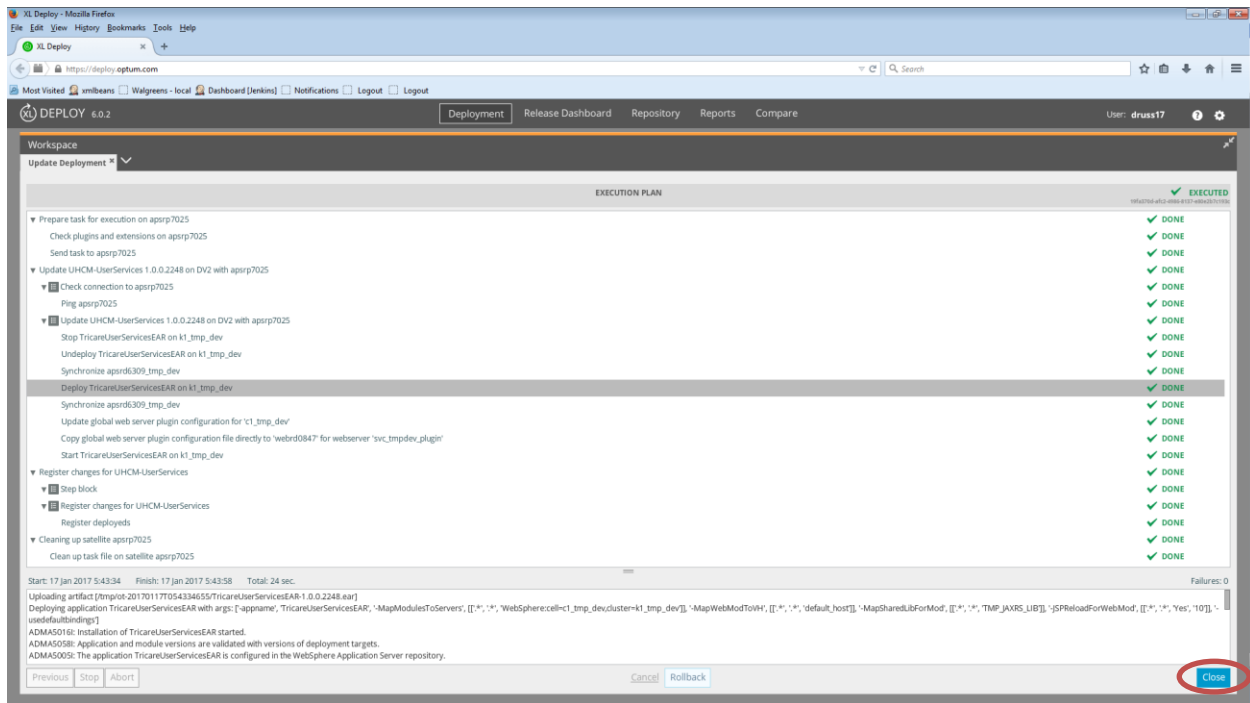
To execute, we simply click the Execute button (center, lower right)



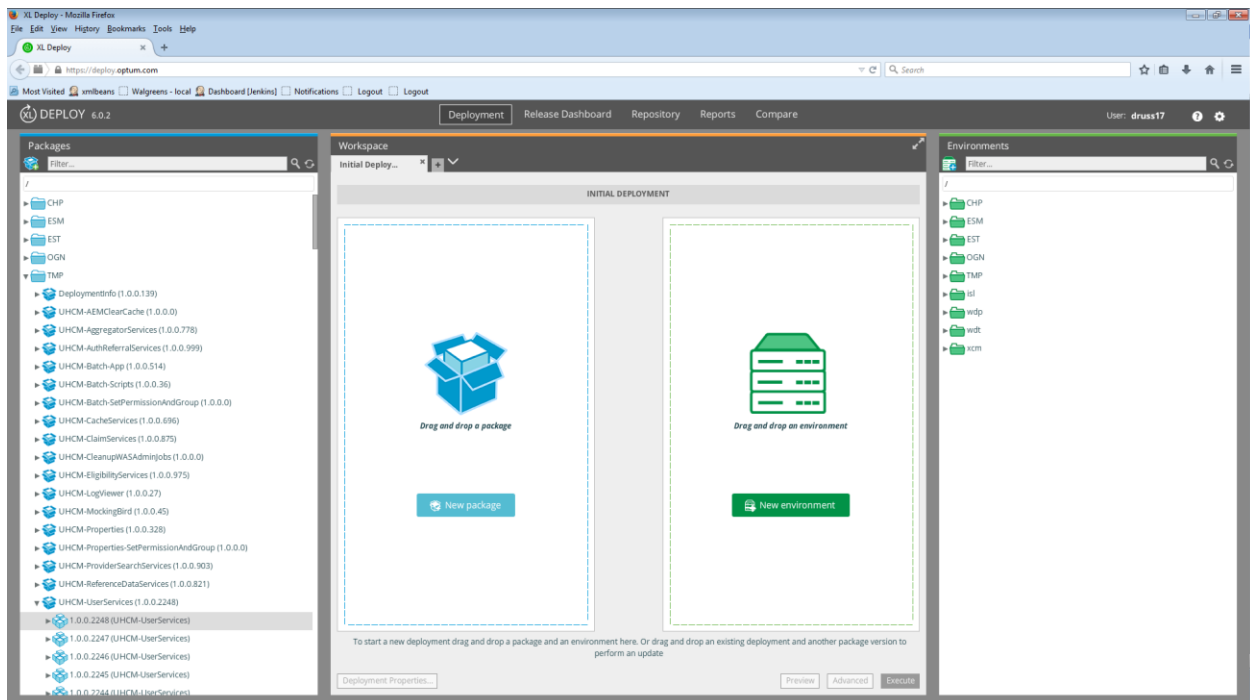
This shows the in progress deployment to the Websphere k1 cluster in the DV2 (dev2) environment. Once it completes you will see the tasks marked as done unless there is a failure.



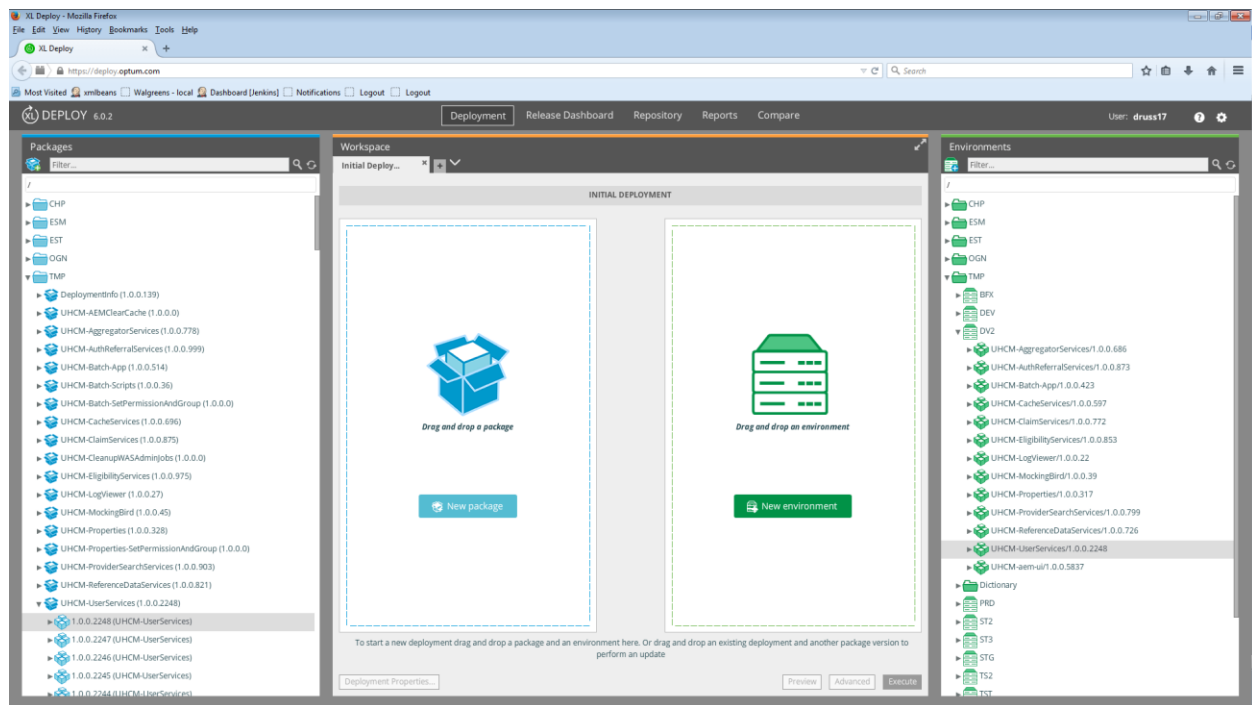
You can expand the completed tasks if you want more details. You will also see log entries when you click on portions of the completed tasks.



When completed with the deployment we click the close button on the lower right corner which brings us back to the main screen.



To see the deployment occurred we can open the TMP -> DV2 environment and see the new application is deployed.



This gives you a very high level overview of XL Deploy.