**2016/11/17 Puppet Code Deployments Workflow Discussion**

Call with Kel and John

Validate that the package is in spacewalk - separated environments for prod and nonprod in spacewalk. When app teams are building and testing on non prod, build tools handle loading packages in nonprod. When ready for prod, another tool logs into service now and creates a change request. Needs to make sure everything in prod is ready, pushed rpms from non prod to prod, and adds version tag numbers onto modules for their applications. Need a way to figure out what packages and version of packages are that we need to push. What they’ve been doing with grid env is getting build tools, when they build new package version, generates a yaml file in puppet module for version 111 packages are x version 112 packages are y.

Nick thinks this could be accomplished with puppet\_lookup. Instead of putting version of package in manifest

hiera .yaml in root directory of module, datafiles in data directory of your module

Small group of large applications made up of multiple modules. Wants one module taht lists other modules and versions to deploy.

Puppet environments - one called production, one store deploy, one store build. Dont use environments, use versions. Every store is unique. If ultimate goal was to keep things the same, can’t flip a switch and say we’re going to install new version of app on every store. So they have staged rollouts with different versions of things installed on different stores. Some stores have special versions. IN hiera they have version of module they want to install, when first