

Policy R6 Frankfurt Independent Versioning And Release Process Plan

Consumed API from other projects

Project	API Dependency	Notes
Portal	2.6.0	
AAF	v2.1.2	
Dmaap	v1.1.8	
SDC	1.6.0	
AAI	v16 aai-schema 1.0.3	No direct link to any libraries
SO		REST - No direct link to any libraries
VFC		REST - No direct link to any libraries
SDNR		Dmaap - No direct link to any libraries
SDNC		REST - No direct link to any libraries

Published API - These projects use the policy libraries to build their code

Project	API	Notes
CLAMP	Policy Lifecycle API	implemented in own java code
OOF	Legacy Policy API	implemented in own python code
SDNC	Legacy Policy API	implemented in own code
DCAE	Policy Lifecycle API	Implemented own python code

1. Follow the process as outlined here: [Independent Versioning and Release Process](#). Policy repositories inherit from oparent so release jobs will fail if any SNAPSHOT artifact is referenced in the pom.xml's.

- Verify there are no SNAPSHOTS and we are up-to-date with other team's released artifacts. The CI/CD daily release job does this by automatically failing if a SNAPSHOT is defined in the pom.xml's.
- Use the [Self Releases Workflow \(Nexus2\)](#) to release artifacts. Look at comments by [Jorge Hernandez](#) for steps.
- Update the OOM team K8S Helm Charts.

Note: If using maven version or release plugin, also manually check the versions are set correctly in the POMs, these plugins can miss POMs especially if they do not have Java source code in them.

2. For any new changes to be done post-Release. Then the we must update to the next SNAPSHOT version:

Release Order	Repo (released version)	Notes	Example Commit(s) for upgrading versions
1	policy/parent 3.1.3	all pom.xml's version.properties	https://gerrit.onap.org/r/c/policy/parent/+104021
2a	policy/docker 2.0.1	all pom.xml's version.properties	https://gerrit.onap.org/r/c/policy/docker/+102678

2b	policy/common 1.6.5	<p>all pom.xml's</p> <p>version.properties</p> <p>In main pom.xml change the following properties</p> <ul style="list-style-type: none"> • Ensure <parent> tag points to correct policy/parent version 	https://gerrit.onap.org/r/c/policy/common/+104047
3	policy/models 2.2.6	<p>all pom.xml's</p> <p>version.properties</p> <p>In main pom.xml change the following properties</p> <ul style="list-style-type: none"> • Ensure <parent> tag points to correct policy/parent version • policy.common.version • Ensure that the policy K8S Helm charts oom/kubernetes/policy/charts/brmsgw/resources/config/pe/brmsgw.conf <p>BRMS_MODELS_DEPENDENCY_VERSION</p> <ul style="list-style-type: none"> • Ensure that the policy/engine packages/install/src/files/brmsgw.conf - is pointing to the right version 	https://gerrit.onap.org/r/c/policy/models/+104232
4a	policy/api 2.2.4	<p>all pom.xml's</p> <p>version.properties</p> <p>In main pom.xml change the following properties</p> <ul style="list-style-type: none"> • Ensure <parent> tag points to correct policy/parent version • policy.common.version • policy.models.version 	https://gerrit.onap.org/r/c/policy/api/+104257
4b	policy/pap 2.2.3	<p>all pom.xml's</p> <p>version.properties</p> <p>In main pom.xml change the following properties</p> <ul style="list-style-type: none"> • Ensure <parent> tag points to correct policy/parent version • policy.common.version • policy.models.version 	https://gerrit.onap.org/r/c/policy/pap/+104262
4c	policy/drools-pdp 1.6.3	<p>all pom.xml's</p> <p>version.properties</p> <p>In main pom.xml consider changing the policy.common.version property:</p> <ul style="list-style-type: none"> • Ensure <parent> tag points to correct policy/parent version • policy.common.version • policy.models.version <p>Update policy/drools-applications files:</p> <ul style="list-style-type: none"> • pom.xml: version.policy.drools-pdp 	https://gerrit.onap.org/r/c/policy/drools-pdp/+104291
4d	policy/apex-pdp 2.3.2	<p>all pom.xml's</p> <p>version.properties</p> <p>In main pom.xml consider changing the policy.common.version property:</p> <ul style="list-style-type: none"> • Ensure <parent> tag points to correct policy/parent version • policy.common.version • policy.models.version 	
4e	policy/xacml-pdp 2.2.2	<p>all pom.xml's</p> <p>version.properties</p> <p>In main pom.xml consider changing the policy.common.version property:</p> <ul style="list-style-type: none"> • Ensure <parent> tag points to correct policy/parent version • policy.common.version • policy.models.version 	https://gerrit.onap.org/r/c/policy/xacml-pdp/+104294

4f	policy/distribution 2.3.2	all pom.xml's version.properties In main pom.xml change the following properties <ul style="list-style-type: none"> • Ensure <parent> tag points to correct policy/parent version • policy.common.version • policy.models.version 	https://gerrit.onap.org/r/c/policy/distribution/+/104296
5 - Dependent only on policy/drools-pdp	policy/drools-applications 1.6.4	all pom.xml's version.properties In main pom.xml change the following properties <ul style="list-style-type: none"> • Ensure <parent> tag points to correct policy/parent version • policy.common.version • policy.models.version • version.policy.drools-pdp OOM: <ul style="list-style-type: none"> • Ensure that the policy K8S Helm charts oom/kubernetes/policy/charts/brmsgw/resources/config/pe/brmsgw.conf BRMS_DEPENDENCY_VERSION <ul style="list-style-type: none"> • Ensure that the policy/engine <ul style="list-style-type: none"> ◦ packages/install/src/files/brmsgw.conf - has the right version 	https://gerrit.onap.org/r/c/policy/drools-applications/+/104408
6 - Dependent on policy/drools-applications	policy/engine 1.6.4	all pom.xml's version.properties BRMSGateway/config.properties BRMSGateway/dependency.json BRMSGateway/src/main/java/org/onap/policy/brms/api/BrmsPush.java BRMSGateway/src/test/resources/config.properties packages/base/src/files/install/servers/brmsgw/config.properties packages/install/src/files/brmsgw.conf In main pom.xml change the following properties <ul style="list-style-type: none"> • Ensure <parent> tag points to correct policy/parent version • policy.common.version • policy.models.version 	

When branching, its easiest to update the .gitreview file ON the new branch in order to ensure that new gerrit submissions are tracked on that branch.

If this is not done, then one should specify the branch when submitting the git review. 'git review frankfurt'

```
[gerrit]

host=gerrit.onap.org

port=29418

project=policy/engine.git

defaultbranch=frankfurt
```

When tagging for a release the following commands should be used:

```
git tag -sm "6.0.0-ONAP Release" 6.0.0-ONAP
git push <remote-name> 6.0.0-ONAP
```

Steps for Releasing and branching

1. Go to latest merged review of repo and comment "stage-release"

2. It will trigger 2 Jenkins jobs - stage-master & docker-stage-master

3. Once the jobs are successful, create a yaml file for releasing maven artifacts first and raise a review

4. Once that is merged and build is successful, create another container.yaml file for releasing docker image and raise a review

NOTE: Drools-applications will require a 2nd "stage-release" to be done after step 3 due to the way it is built. The docker image requires the java artifacts to be released first, which are packaged into the image.

5. Once that is merged and build is successful, go to nexus3.onap.org and verify that the image was released

6. Bump the snapshot version to next patch version and raise a review - I use this command "mvn versions:set -DnewVersion=2.5.1-SNAPSHOT"

7. Once that is merged and build is successful, go to gerrit and create a "frankfurt" branch.

8. Once the branch is created, bump the master branch to next minor version using the same maven command and raise a review 9. Finally go to frankfurt branch and change the .gitreview file to point to frankfurt as default branch and raise the review.