

EdgeX Foundry Nexus 3 Retention Policy

Problem Statement: EdgeX Foundry has a Nexus 3 repository that we use to store built Docker artifacts. However, there isn't a retention policy set for this repository. Due to the number of images in the repository it makes it difficult to understand what is available. In addition, to that Nexus 3 has limited options available for cleanup for Docker images.

Proposed Solution: The solution I'm proposing is to sort the different images into the repositories making it easier to track the most recent images.

docker.snapshots	<p>Retention Policy: 90 days since last download</p> <p>Contains: Docker images that are not expected to be released. This will contain EdgeX that images are built with each merge and should be available to test things against a specific commit. In addition to this we also build images to optimize the builds in the CI infrastructure.</p> <p>Docker Tags Used:</p> <ul style="list-style-type: none">• Git commit• Version-Git commit• Version (ci-build-images only)• Latest (ci-build-images-only)
docker.staging	<p>Retention Policy: 180 days since last download</p> <p>Contains: Docker images built for potential release and testing purposes.</p> <p>Docker Tags Used:</p> <ul style="list-style-type: none">• Version (ie: v1.x)• Release Branch (master, fuji, etc)• Latest
docker.release	<p>Retention Policy: No automatic removal. Requires TSC approval to remove images from this repository.</p> <p>Contains: Officially released docker images for EdgeX.</p> <p>Docker Tags Used:</p> <ul style="list-style-type: none">• Version (ie: v1.x)• Latest

Appendix:

Nexus Cleanup Policies: <https://help.sonatype.com/repomanager3/cleanup-policies>