Anax/Exchange/Vault/FDO Repositories
Open Source

Pull Request

Trigger

Allows

Merge

Trigger

Repo e2e-test workflow

Repo build-push workflow

Misc. Steps Including...

Push Docker Images

`docker save` images and upload

Non-Ephemeral Storage
Avaiable to Open Source Users

• Previous image versions are lost in these registries when a new merge happens

Docker images w/ "testing" tag

Dockerhub

Docker images w/ "testing" tag

GitHub Container Registry

Zip File w/ name Repo-Images-Version

GitHub Actions Artifact Storage

• Stored as `tar.gz` files using `docker save`
• Attached to workflow run and the commit that triggered it
• Expires on set time (90 days default)
• Free ∞ storage for open source

Jenkins
Avaiable to IBM Staff Only

Nightly Schedule

Trigger

Nightly Build Pipelines

Misc. Steps Including...

Make Anax MacOS Silicon Package

Copy Containers & Packages to Artifactory

Somehow need to get the MacOS packages that are made avaiable to open source

This also screws with the proposed solution of using artifact storage in actions, because MacOS silicon packages wont be avaiable

IBM Artifactory Storage
Avaiable to IBM Staff Only

Artifactory Nightly

Pull Images

Manual Trigger

Inputs
Inc <maj/min/patch> version (bool)
Is Latest?

Trigger

Release Pipeline

Misc. Steps Including...

Trigger GH Actions Release Workflow

We pass the EAM Version JSON file to the workflow as an input

GitHub API
API

Release Repository
Open Source

Workflow Dispatch

Inputs
Version w/ build #
Is Latest?
Inc <maj/min/patch> version (bool)

Repo release workflow

Gets MacOS Silicon Package from Dockerhub backup

Misc. Steps Including...

Trigger Anax Release

Pass

Wait for Anax Release Completion

Fail

Trigger Examples Release

Pass

Wait for Examples Release

Fail

Create Release in this repo

Release Workflow Pass

Release Workflow Fail

GitHub API
API

GitHub API
API

Non-Ephemeral Storage
Avaiable to Open Source Users

Dockerhub

GitHub Container Registry

GitHub Actions Artifact Storage

Anax Repository
Open Source

Workflow Dispatch

Takes Anax Versions as Inputs

Promote Docker Images & Packages

Get Packages from Artifacts

Gets MacOS Silicon Package from Dockerhub backup

Create GitHub Release Page

Anax Release Workflow Pass

in_progress: check again in 60 sec
success: signal success
fail: signal fail

GitHub API
API

GitHub API
API

Examples Repository
Open Source

Workflow Dispatch

Takes all IEAM Versions as Inputs

Create Examples.txt file

Create GitHub Release Page

Examples Release Workflow Pass

Anax MacOS Silicon won't be aviable open source until GH Actions supports arm64 mac runners

Non-Ephemeral Storage
Avaiable to Open Source Users

Anax/Exchange/Vault/FDO Repositories
Open Source

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Jenkins
Avaiable to IBM Staff Only

Nightly Schedule

Trigger

Nightly Build Pipelines

Misc. Steps Including...

Make Anax MacOS Silicon Package

Copy Containers & Packages to Artifactory

IBM Artifactory Storage
Avaiable to IBM Staff Only

Artifactory Nightly

Non-Ephemeral Storage
Avaiable to Open Source Users

GitHub Container Registry

Pull Images w/ 'testing' tag

build-push.yml

Images uploaded by build-push.yml

IBM Artifactory Storage Avaiable to IBM Staff Only

Artifactory Nightly

Jenkins
Avaiable to IBM Staff Only

Manual Trigger

Inputs
Inc <maj/min/patch> version (bool)
Is Latest?

Trigger

Release Pipeline

Misc. Steps Including...

We upload the Mac Silicon package to Dockerhub so that the open source GH actions have access

Get Mac Silicon Anax and upload to Dockerhub

We pass the EAM Version JSON file to the workflow as an input

Trigger GH Actions Release Workflow

GitHub API
API

Release Repository
Open Source

Workflow Dispatch

Inputs
Version w/ build #
Is Latest?
Inc <maj/min/patch> version (bool)

Repo release workflow

Misc. Steps Including...

Trigger Anax Release

Pass

Wait for Anax Release Completion

Fail

Trigger Examples Release

Pass

Wait for Examples Release

Fail

Create Release in this repo

Release Workflow Pass

Release Workflow Fail

Non-Ephemeral Storage Avaiable to Open Source Users

Dockerhub

GitHub Container Registry

GitHub Actions Artifact Storage

GitHub API
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Anax Repository
Open Source

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Anax Release Workflow Pass

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Takes all IEAM Versions as Inputs

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