Development



Commit changes



Run pre-commit hook



Tag commit



Push



Schedule pipeline

On-commit Pipeline



Checkout Build artefact commit



Tag artefact





Test (Linting)



Test (Integration)



Prepare data



Test (End-to-end)



Publish artefact

On-demand / Nightly Pipeline



Checkout commit



Download

artefact

corresponding



Provision infrastructure



Deploy application



Test

(Unit)

Prepare data



(Smoke)



Test (End-to-end)



Test (Performance)



Test (Security)

Clean-up Pipeline



Checkout master



Clean up environments



Clean up backups



Clean up artefacts

Deployment Pipeline (Rollout)



Checkout latest release tag



Download corresponding artefact



Backup data



Provision infrastructure



Deploy application



data

Update



Test (Smoke)

Deployment Pipeline (Rollback)



tag

Checkout previous release corresponding



Download artefact



Provision infrastructure



Deploy application



Revert data



Test (Smoke)