Development

Commit changes	Run pre-commit hook	Tag commit	Push	Schedule pipeline

Commit Pipeline

Checkout commit	Build artefact	Tag artefact	Test (Linting)	Test (Unit)	Test (Integration)	Prepare data	Test (End-to-end)	Publish artefact

On-demand / Nightly Pipeline

Checkout commit	Download corresponding artefact	Provision infrastructure	Deploy application	Prepare data	Test (Smoke)	Test (End-to-end)	Test (Performance)	Test (Security)

This is the only customisable pipeline. The intention is that it can perform any test and run against any existing non-live environment as well as build it from scratch.

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	Update data	Test (Smoke)

Deployment Pipeline (Rollback)

Checkout previous release tag	Download corresponding artefact	Provision infrastructure	Deploy application	Revert data	Test (Smoke)

CI/CD diagram for DoS Capacity Status API

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