

2021-06-09 - Anuket: OpenStack Release Selection

Topic Leader(s)

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Topic Overview

30 min [Pankaj Goyal](#) [Karine Sevilla](#)

Which OpenStack release to select as a baseline for the next RA1 release?

Following RM's developments on acceleration, RA1 must evolve to integrate these new requirements.

Slides & Recording



YouTube

Live Interactive Session

Recording: [OpenStack Release Selection.mp4](#)



OSTK Release S...une2021_v2.pdf

Agenda

OpenStack Release Selection

- Current RA1 OpenStack release Baseline
- OpenStack releases available for selection
- RM evolution requiring new OpenStack features
- Which OpenStack release baseline for Lakelse?

Minutes

Current OpenStack baseline is Train (since Baraque)

The aim is to move to a newer release - Wallaby

- New features and functionality
- Important new requirements to deliver on
 - HW acceleration
 - Cyborg added a lot of new functionality since Train including a new v2 API that's not complete in Train
 - Edge requirements
 - Security
 - LCM
- Extended maintenance phase for Train
- Functest is ready to support the latest releases which can help cover testing in Anuket
- OS support
 - Red Hat OSP 19 LTS will be on Wallaby
 - Canonical - Ubuntu 22.04 will be Xena
- Airship
 - installer with manifest files that can be recreated based on the docs in Airship to cover newer OpenStack releases than Train
 - needs to be done by Anuket contributors
 - alignment with Airship team in Anuket is needed
- Concerns
 - Jumping multiple releases? Migration?
 - OpenStack has a support for fast-forward upgrades to move ahead with multiple releases
 - A lot of effort going into backward compatibility
 - Need to define an MVP?
 - For OpenStack, RA1 only specifies a minimal set of services – a subset of OpenStack services
 - Is it doable for RI for the Lakelse release?
 - RA1 is developed as a spec that RI will follow in the a release after Lakelse
- No objections from the people on the call!

Outcome - Suggestion is to move to OpenStack Wallaby

Action Items

- ☐ Lakelse RA1 scope: upgrade specifications to OpenStack Wallaby release