2022-01-11 - Anuket: RA2 Status

Topic Leader(s)

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Topic Description

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What's new in Anuket RA2 - Cloud Native Reference Architecture in the Lakelse release & community discussion for Moselle release

Topic Overview

Overview of the new material introduced in the Lakelse release for Anuket RA2, the Kubernetes-based Telco cloud architecture. Topics include multi-tenancy, security, cluster lifecycle management, APIs and Kubernetes features. Plus, discussion with the community on the priorities for the next release and the newest additions to Telco Cloud.

Slides & Recording

Slides:

RA2 Update - LFN...um Jan 22 v2.pdf

Recording:

RA2 Update - LFN DT Forum Jan 22 - recording.mp4

Agenda

- What's RA2
- Lakelse release highlights
- New items for Moselle release

Minutes

- Intro to RA2
- Release process
- Lakelse - what's new?
  - Upgrade to Kubernetes 1.22
  - Add K8s service type specs (Load Balancer, etc)
  - CNI multiplexers
  - Alignment with Anuket RM – security specs
  - Explicitly list Kubernetes APIs and Feature support
  - Multitenancy, workload isolation and Namespaces
- Moselle release - priorities & open discussion
  - Monitoring & Telemetry - Heather Kirksey, RA2 and RI2 working in conjunction with Barometer to ensure consistency
  - CNF packaging - discussion on the scope and relationship between K8s and ONAP / Helm and TOSCA / CaaS and NFVO - Gergely Csatari, Cedric Ollivier, Heather Kirksey
  - Moselle should include Application requirements - Gergely Csatari
• Karine Sevilla Scot Steele Rihab Banday Gergely Csatari - Add Service mesh specs to Moselle
• Implementation-agnostic CNI multiplexer: Heather Kirksey suggests raising need of new software implementation project to TSC
• Multitenancy - Ulrich Kleber highlights Hard Multitenancy implies CaaS Cluster LCM should be in scope - need at least to specify the interface to CaaS manager, like IFA 036, avoiding cloud-specific implementation specs

Action Items

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