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RA2 releases & scope

| v.	Date	Name
1.0-alpha	10th Jan 2020	**Snezka**
3.0	15th May 2020	**Baldy**
4.0	25th Sep 2020	**Baraque**
5.0	29th Jan 2021	**Elbrus**
6.0	30th Jun 2021	**Kali**
7.0	7th Dec 2021	**Lakelse**
8.0	14th June 2022	**Moselle**
9.0	13th Dec 2022	**Nile**

Anuket – Nile: Released

- M0 Start - 2nd August 2022
- M1 Release definition – 16th Aug 22
- M2 Scope Freeze – 13th Sep 22
- M3 Content Freeze – 8th Nov 22
- M4S Proofreading – 6th Dec 22
- M5 Release – 13th Dec 22

RA2 Bogometer

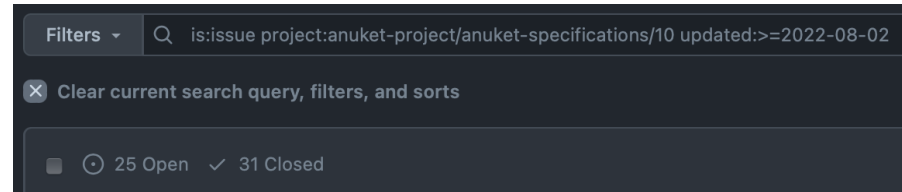| Chapter	Status	Notes
Chapter 01 - Overview	Complete	
Chapter 02 - Architecture Requirements	Lots of SME feedback	**Requirements** – from RM
Chapter 03 - L2: High Level Architecture	Dickering over the fine points	CaaS **building blocks**
Chapter 04 - L3: Component Level Architecture	Lots of SME feedback	**Specs** for clusters: Nodes, sizing, K8s control plane, Networking & plugins, storage, workload reqs.
Chapter 05 - Security Guidance	Lots of SME feedback	**Security policies** for CaaS
Chapter 06 - Special Interest Group level requirements	Dickering over the fine points	Maps specs to K8s SIG features **tested by Functest**
Chapter 07 - Gaps, Innovation, and Development	Lots of SME feedback	What's **missing** from the ecosystem
Appendix A - Guidance For workload isolation (multitenancy) with Kubernetes	Lots of SME feedback	**Multitenancy** guidance

RA2 scope & Nile review
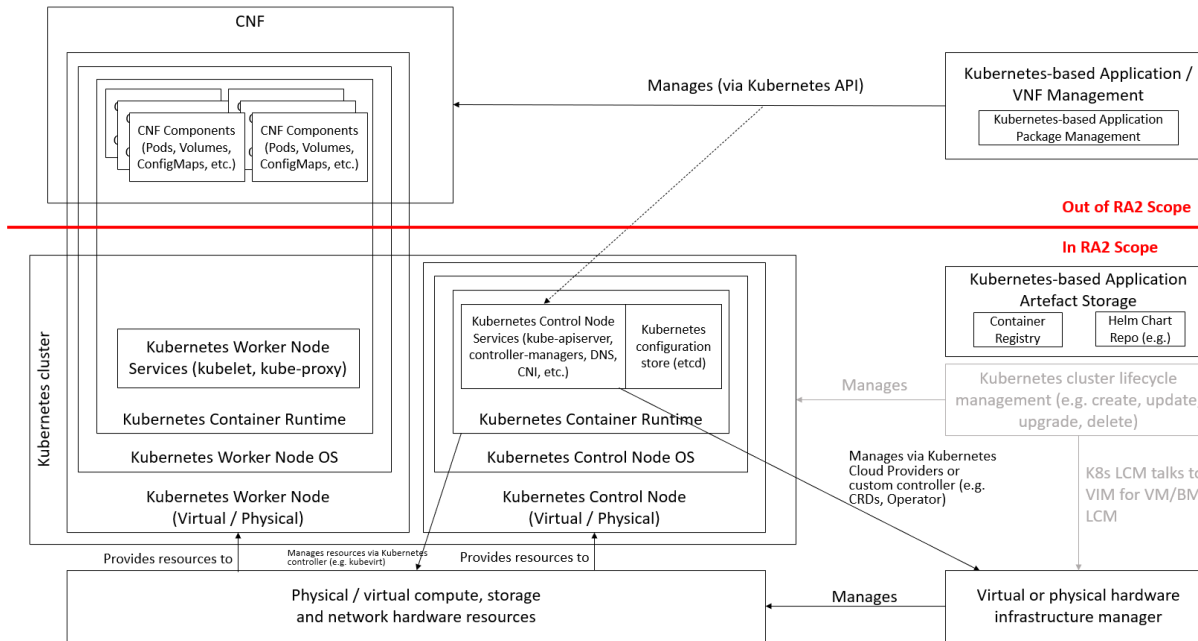
- **Upgrade** to Kubernetes 1.24
- Monitoring & Telemetry
- Progressed CNF workload requirements – alignment with CNCF CNF WG
- API specs for CNI **multiplexers**
- Alignment with Anuket RM – **PaaS** specs
- Updated **APIs** and Feature support (only GA now)

RA2 Nile release

The RA2 project addressed **31 issues** in the Nile release, featuring:

- Update to **K8s 1.25**
- **Monitoring & Telemetry**
- **security requirements**
- Progressed **CNF workload requirements**
- Specifications for Storage requirements
- Updates & Fixes
- API specs for **CNI multiplexer**

Filters ▾ 🔍 is:issue project:anuket-project/anuket-specifications/10 updated:>=2022-08-02

✕ Clear current search query, filters, and sorts

☐ ⊙ 25 Open ✓ 31 Closed

RA2 Orinoco – what's coming

M0 Start
10th Jan 2023

M1 Release definition
1st Feb 2023

M2 Scope Freeze
1st March 2023

M3 Content Freeze
2nd May 2023

M4S Proofreading
6th June 2023

M5 Release
27th June 2023

- GSMA Publication
  - Editorial work to GSMA-proof the content and structure of RA2 for publication as NG.139
- Update Kubernetes version
  - Bump the Kubernetes version and add/remove new/deprecated features and APIs
  - Check host OS requirements against new K8s releases

- Add features
  - Add specifications on new features for RA2 compliant clusters to implement:
  - e.man requirements
  - NAT
  - Infra monitoring
  - Express Data Path (XDP)
  - Edge node specs and labels
  - PaaS Services
  - Storage requirements
  - Service Mesh

- Modern naming
  - fix terminology across docs
- CaaS Manager
  - specs for caas manager interface
- Functest sync
  - Align testing tables - add new tests
- Fixes
  - clarify gaps, security requirements

Join us!

We aim to accelerate the adoption of telco cloud using open standards and architectures.
We welcome contributors from any background. Feel free to join our meetings, mail us or check the repository.

Weekly meetings – Monday @ 1000 UTC:
https://wiki.anuket.io/display/HOME/Anuket+Meetings

Mailing list: https://lists.anuket.io/g/ra2
Wiki: https://wiki.anuket.io/x/_QgB

Docs: https://cntt.readthedocs.io/en/latest/ref_arch/kubernetes/
GitHub project: https://github.com/anuket-project/anuket-specifications/projects/10