

# RA2 – Status and Next Steps

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- **Kubernetes** based **Telco Cloud** Reference Architecture.
- Targeting **Containerised Network Functions** (CNFs)

Version	Date	Note
1.0-alpha	10th Jan 2020	Snezka Release
3.0	15th May 2020	Baldy Release
4.0	25th Sep 2020	Baraque Release
5.0	29th Jan 2021	Elbrus Release
6.0	30th Jun 2021	Kali Release



# RA2 – What's new?



- RA2 releases are now **mapped** to a specific upstream **release of K8s** – *e.g. 1.21 for Kali*
- Added **K8s API and SIG Feature** specs – policy is GA & Beta only
- Node **Profile** and **Extension** labels – sync with RM
- Added **definitions** of **Custom Resources, Device Plugins, Memory Manager, Hardware Acceleration, Node Feature Discovery, SyncE**
- **Specs** for K8s Control plane **High Availability** and **Network Resiliency**
- Started **Cluster LCM** – added definitions of CaaS Manager and Workload Cluster lifecycle

# RA2 – What's left in the backlog?



- Finish alignment with RM – Edge Cloud, Security and Service Function Chaining
- Explicit list of supported APIs and K8s objects
- Multitenancy, workload isolation and Namespaces
- Sync SIG Feature tables with specs
- Anything else?
  - CNI – Multiplexer for secondary intf.
  - NF Packaging – HELMv3 as mandatory?
  - Service Types – Ingress/NodePort/LoadBalancer?



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