

2021-02-04 - Anuket - RA2 what's after Elbrus?

Topic Leader(s)

- [Gergely Csatari](#)
- [Riccardo Gasparetto Stori](#)

Topic Overview

Slides & Recording

- Recording: [2021-02-04 - Anuket - RA2 what's after Elbrus - Kivlin - Stori - Csatari .mp4](#)

Minutes

- Release planing
 - [Backlog of issues](#)
 - Network orchestration
 - No solution as of today
 - There is an activity in the RM
 - #tug-networking-orchestration is also working on this
 - Multiple interface support
 - There are different approaches to provide multiple connections, not only CNI Multiplexers. Tungsten Fabric way and NSM way are also options
 - Let's investigate if we can find an optimal way to use multiple interfaces and have compatibility on descriptor level
 - Different clusters might have different multi interface support (this is a cluster capability what is not expressed to the external word)
 - Multitenancy
 - For hard multitenancy a separate cluster is needed
 - Support for "soft" multitenancy features within a cluster needed for isolation
 - Define what features we require in a cluster
 - Define a solution when different tenants are separated to different hosts
 - Solutions require network policy support from all components
 - More clarifications to acceleration (and SR-IOV)
 - How accelerators are handled with device plugins?
 - How the activation LCM works
 - [Petar Torre](#) volunteered to provide initial text
 - Cluster LCM
 - Is this in or out of scope?
 - 5 out of 16 voted for it
 - Listing of enabled / disabled features in alpha or beta status
 - Include relevant features as in RA2 Ch4
 - Define the Kubernetes version clearly
 - Now RA2 is not consistent on the Kubernetes version
 - Gap analysis of requirements in Ch2
 - In the "Specification Reference " column we will have either a link to a specification in Ch4 or an N/A
 - Every pr affecting Ch4 should update also Ch2 references and vice versa
- [pr 2252](#)

Action Items

- ☑ Gergely Csatari to create one issue per topic and put it to the backlog
 - [\[RA2\] Clarify Multiple interface support](#)
 - [\[RA2\] Clarify Multitenancy](#)
 - [\[RA2\] More clarifications to acceleration \(and SR-IOV\)](#)
 - [\[RA2\] Clarify if cluster LCM is in the scope of RA2](#)
 - [\[RA2\] Listing of enabled / disabled features in alpha or beta status](#)
 - [\[RA2\] Define the Kubernetes version clearly](#)
 - [\[RA2 Ch2, Ch4\] Gap analysis of requirements in Ch2](#)