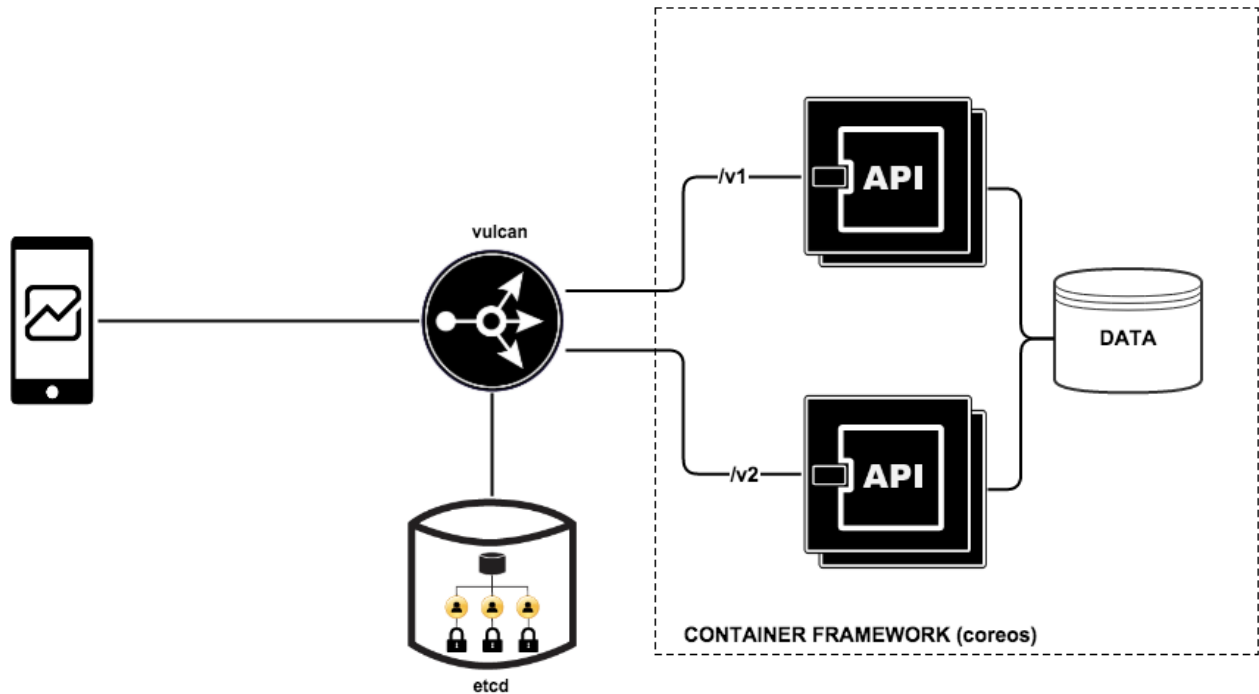


Summary

Create a Proof of Concept for an API Migration using Containers, using the diagram



Task Details

Requirements

- The Migration will be rolling upgrade
- On the PHASE I we migrate to V2 only a fraction of "NEW" Users
- On the PHASE II "ALL NEW" only use V2
- On the PHASE III we migrate "ALL EXISTENT" Users and its data

Deliverables

- Present the Migration Strategy:
 - **Approach:** PROS/CONS and Risks
 - **Plan:** for the Phases, validate or propose other phases
- Demo with simple API that respond V1.OUTPUT.1-n for V1 and V2.OUTPUT.1-n for V2

- The demo must be done with COREOS framework
- On the Skype Call the following will be discussed:
 - Working pilot with 5-10 users to demonstrate functionality
 - Architecture will be discussed with base on the document <http://www.reactivemanifesto.org>
 - Possible DevOps development to Automate CI/CD

Technologies to be used

Container Manager	COREOS
Proxy	Vulcan Proxy
Service Discovery/ Identity	etcd
Scalability Orchestration	fleet

Task Duration

- User must have a couple of days to look into the Technologies
- This task is recommended to be done remotely and NOT be done on a rush day like the Meeting Centralway day
- Second task, as a follow-up of this task, must be created to discuss on the day of the Meeting Centralway
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