

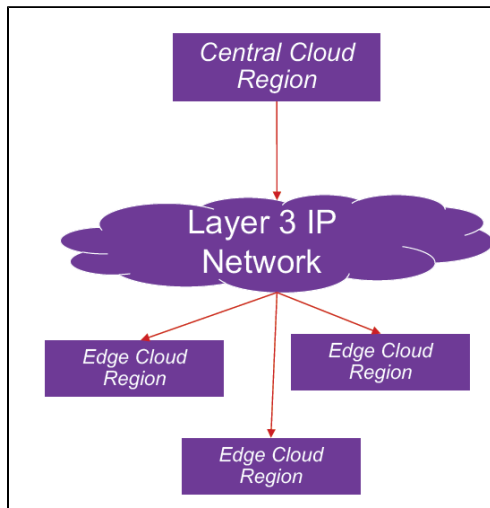
StarlingX Far Edge Distributed Cloud Architecture Documentation

General StarlingX Architecture Documents

- please refer to <https://www.starlingx.io/learn/> and <https://www.starlingx.io/collateral/StarlingX-Onboarding-Deck-for-Web-February-2019.pdf>.

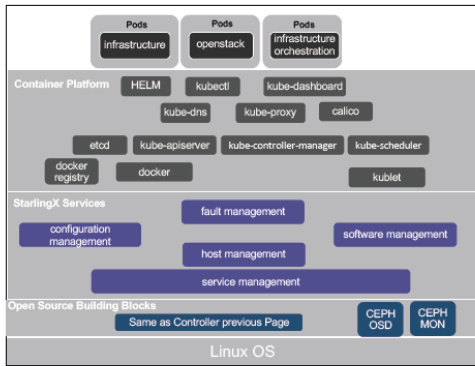
Distributed Cloud Topology

- Central Cloud Region
 - Hosting Shared Services
 - System-wide Infrastructure Orchestration functions:
 - Deployment and Management of Edge Clouds
 - Configuration portal for shared configuration across all Edge Clouds
 - Fault aggregation across all Edge Clouds
 - Patching orchestration across all Edge Clouds
- Remote Cloud Regions
 - Geographically dispersed
 - Scalable from 1 to 1000s of Servers
 - Connected via L3 IP Network
 - Running reduced Control Plane
- Inter-Region Communications strictly REST APIs / L3.



Common Software Stack

- Zero Touch Provisioning
 - StarlingX based
 - Containers and VM application deployment
 - Small infrastructure foot print for far edge deployments
 - Distributed cloud
 - Duplex far edge sites



Full Support for VMs and Containers