

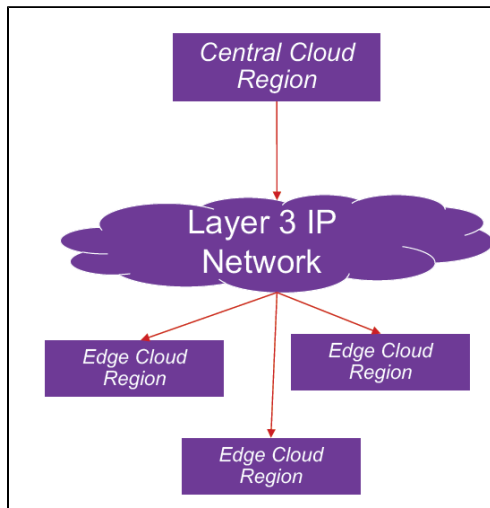
# StarlingX Far Edge Distributed Cloud Architecture Documentation

## 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>.

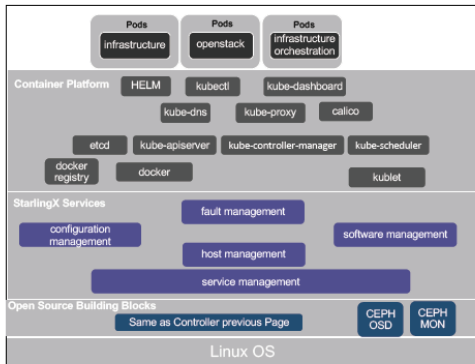
## Distributed Cloud Topology

- 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