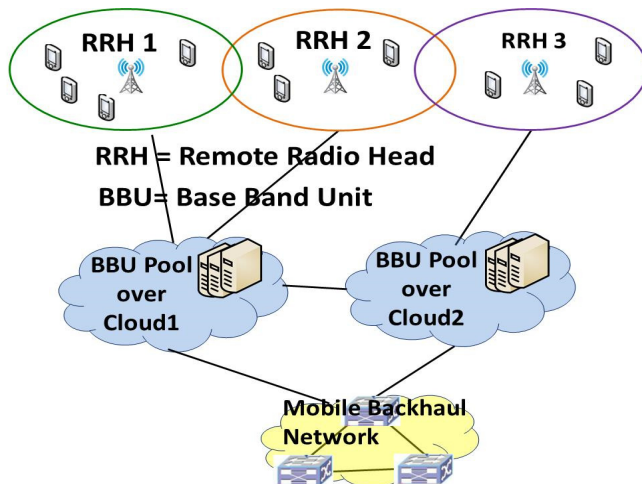


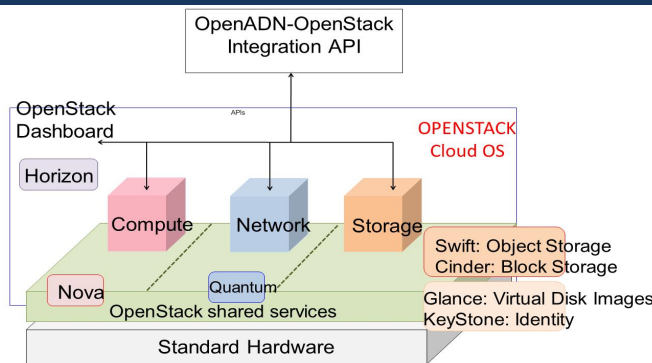
PROBLEM

- Inefficient resource allocation in Radio Access Networks (RANs)
- Ad-hoc deployment of resources
- High CAPEX and OPEX to ASPs
- Error-prone manual deployments
- Need for Automation platform with centralized resource pool architecture

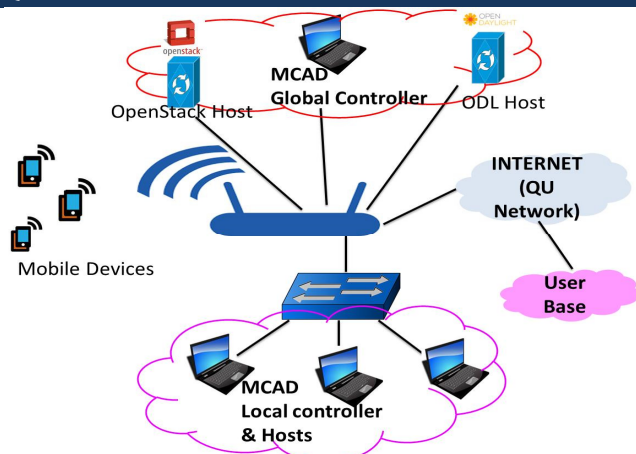
CRAN ARCHITECTURE



OPENSTACK INTEGRATION



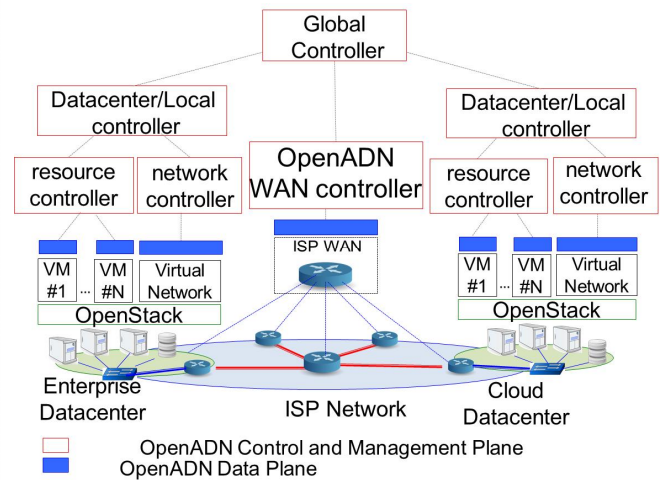
QU SETUP



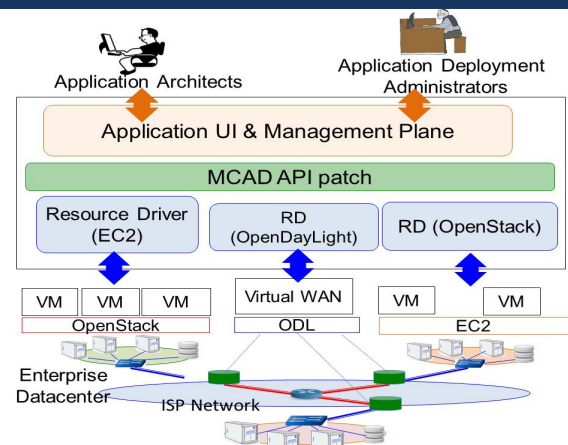
SOLUTION

- Cloud-RANs is a solution
- Baseband unit (BBU) functionality of RANs deployed at Clouds
- Multiplexing of resources at Clouds
- Automation platform for resource allocation
- MCAD (Multi-cloud Application Delivery Platform): extension of OpenADN

OPENADN ARCHITECTURE



MCAD ARCHITECTURE



RESOURCE ALLOCATION - COMPARISON

