OCI DRG
Additional Design
Considerations

Here are further considerations that you may need to know.

- Evaluate the need for multicloud connectivity and consistent architecture. Keep in mind that OCI DRG is an OCI-only feature.
- Remember that OCI DRG and other networking, security, and day-two operation services are only available in the OCI cloud. In a multicloud scenario, the customer would need to make additional efforts to implement a similar or compatible option in another cloud, which could delay the project, increase time-to-market, increase MTT, and increase cost due to technology and skill gap challenges.
- Understand the best route selection in the OCI DRG.
- Evaluate how to control BGP AS Path length when advertising CIDRs from DRG to external networks.
- Understand automatic route propagation and route export requirements in VCN.
- Review Day2 troubleshooting tool availability.
- Assess visibility requirements.
- Review the network telemetry, VPC flow logs, firewall rules log, and cloud NAT charger for data processing and storing.
- Understand that line rate IPSec encryption over OCI FastConnect could pose challenges as it would restrict that throughput to 1.25 Gbps.

  Review the following resources for the latest OCI DRG design considerations.

  https://docs.oracle.com/en-us/iaas/Content/Network/Tasks/managingDRGs.htm