



Networking in Oracle Cloud Infrastructure Advanced Topics

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Safe harbor statement

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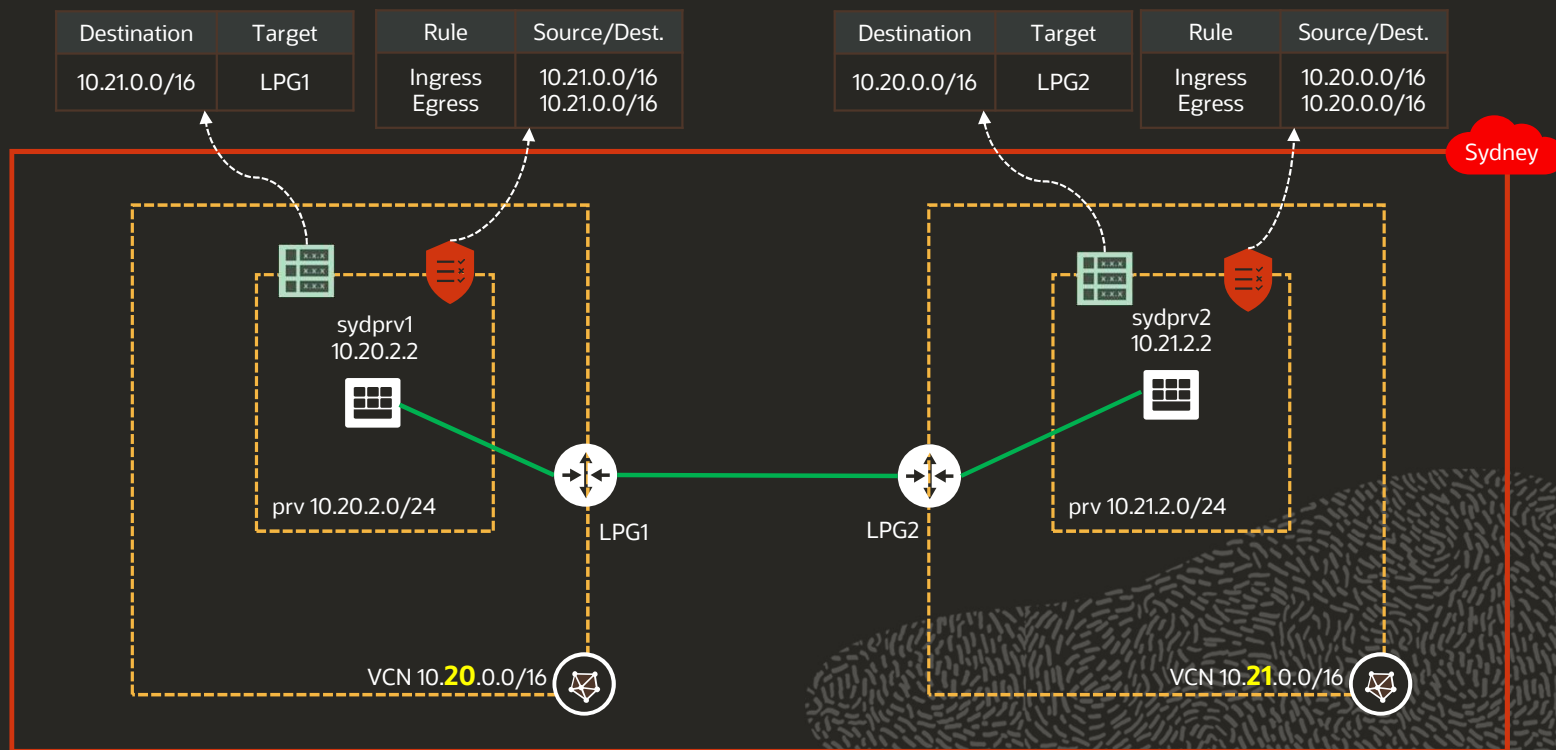
Agenda

- Local Peering
- Remote Peering
- Private & Public Peering
- Transit Routing
- NSG and Private Endpoints

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Local Peering (within region)



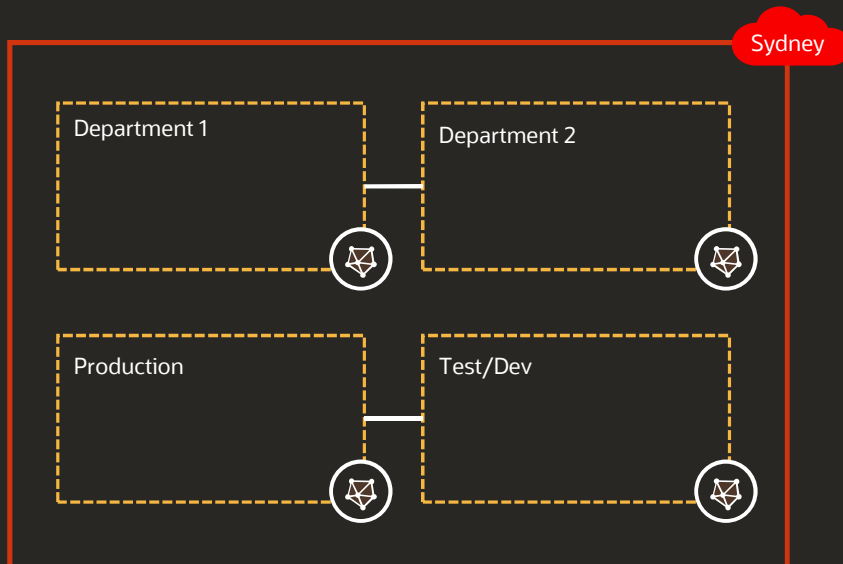


Local Peering Demo

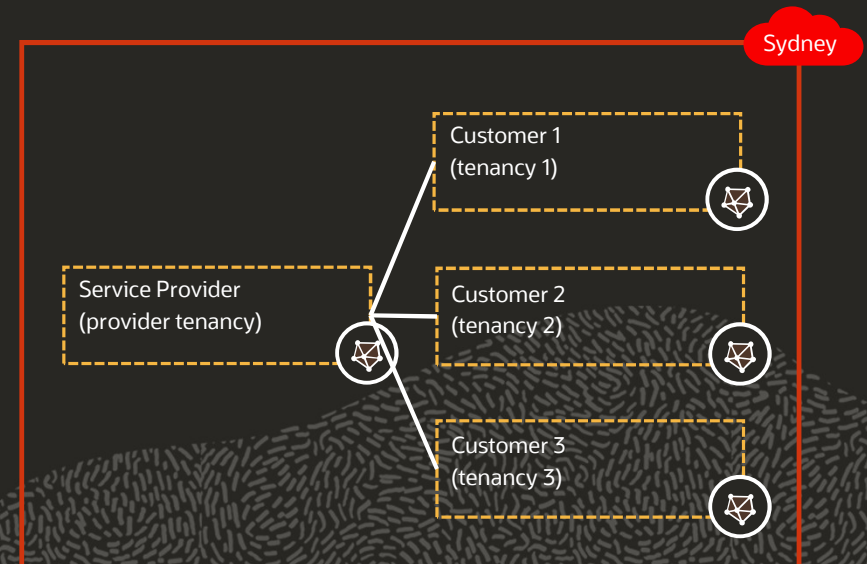


Local Peering | Use Cases

Depart./Projects
/ Environments



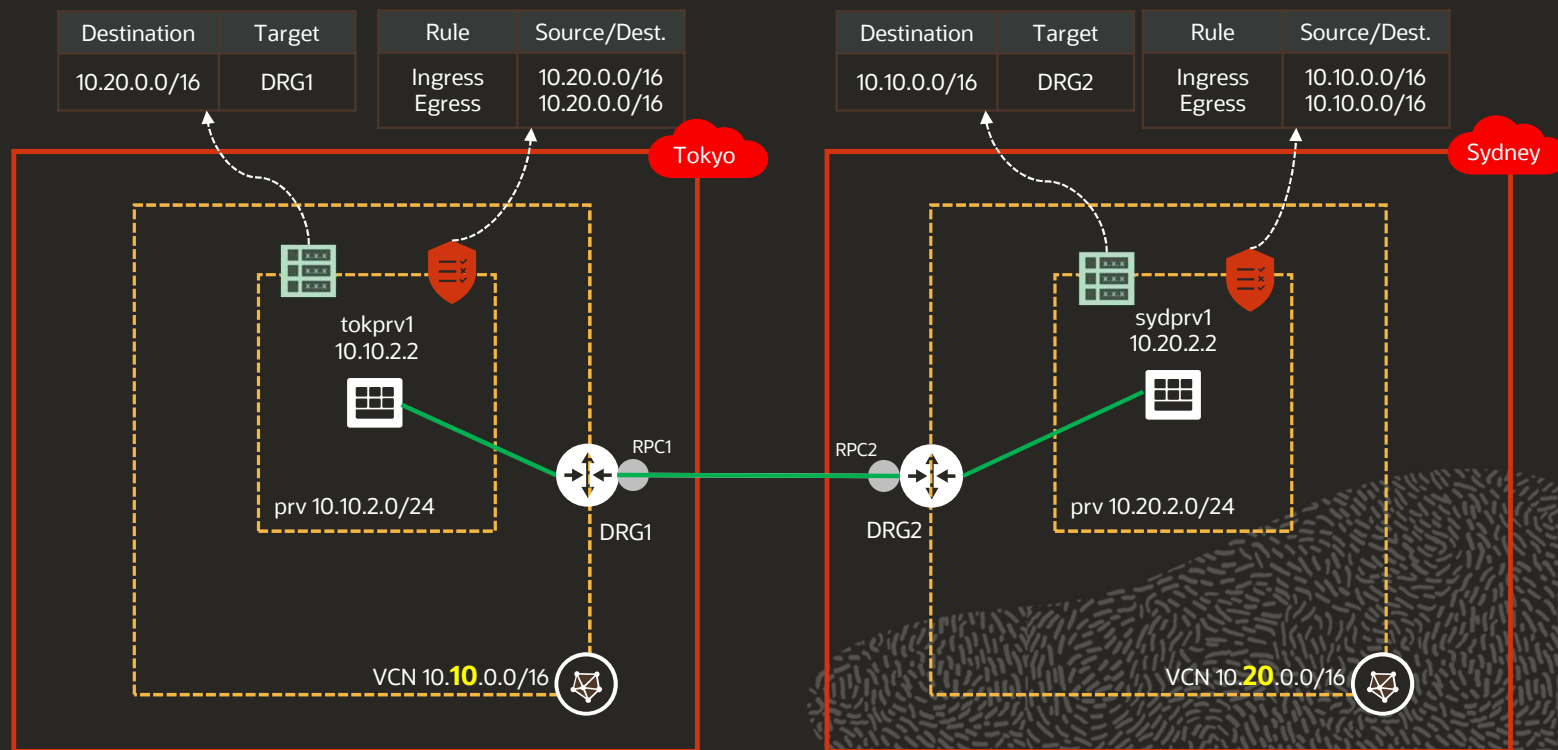
Service Provider



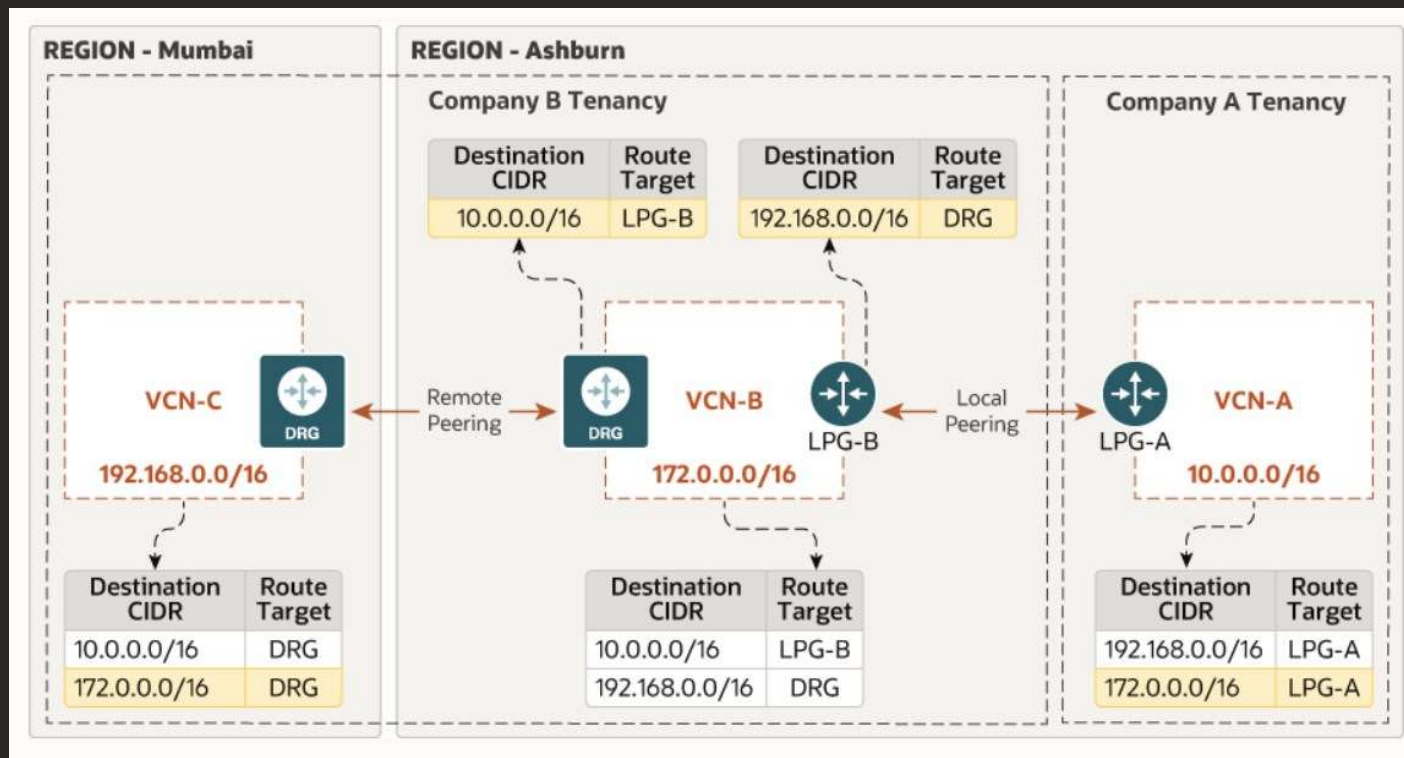
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Remote Peering (cross regions)



Remote Peering & Transit Routing (cross tenancies)



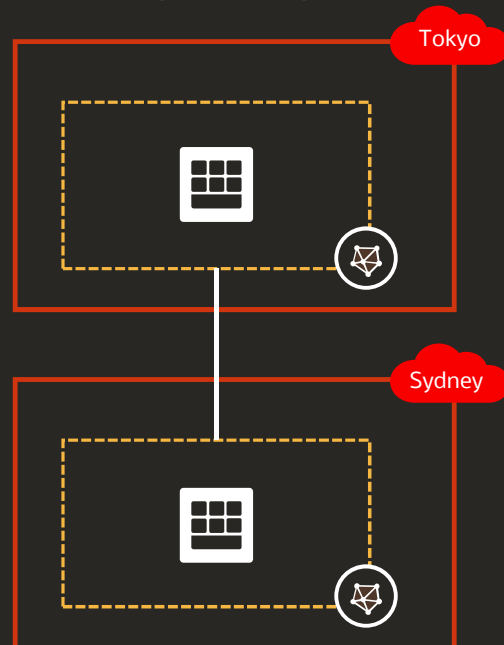


Remote Peering Demo

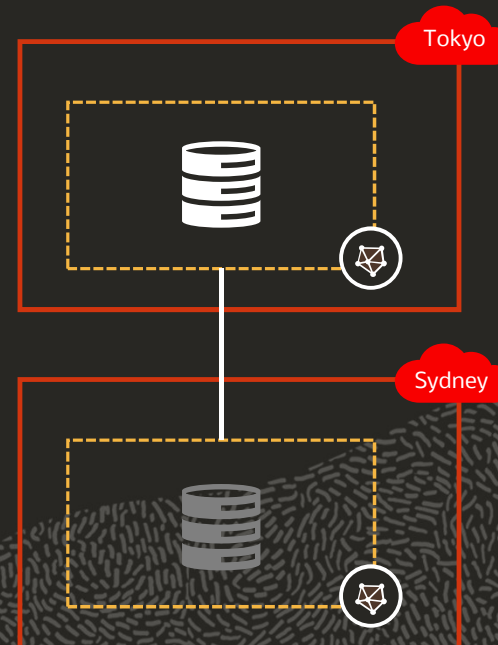


Remote Peering | Use Cases

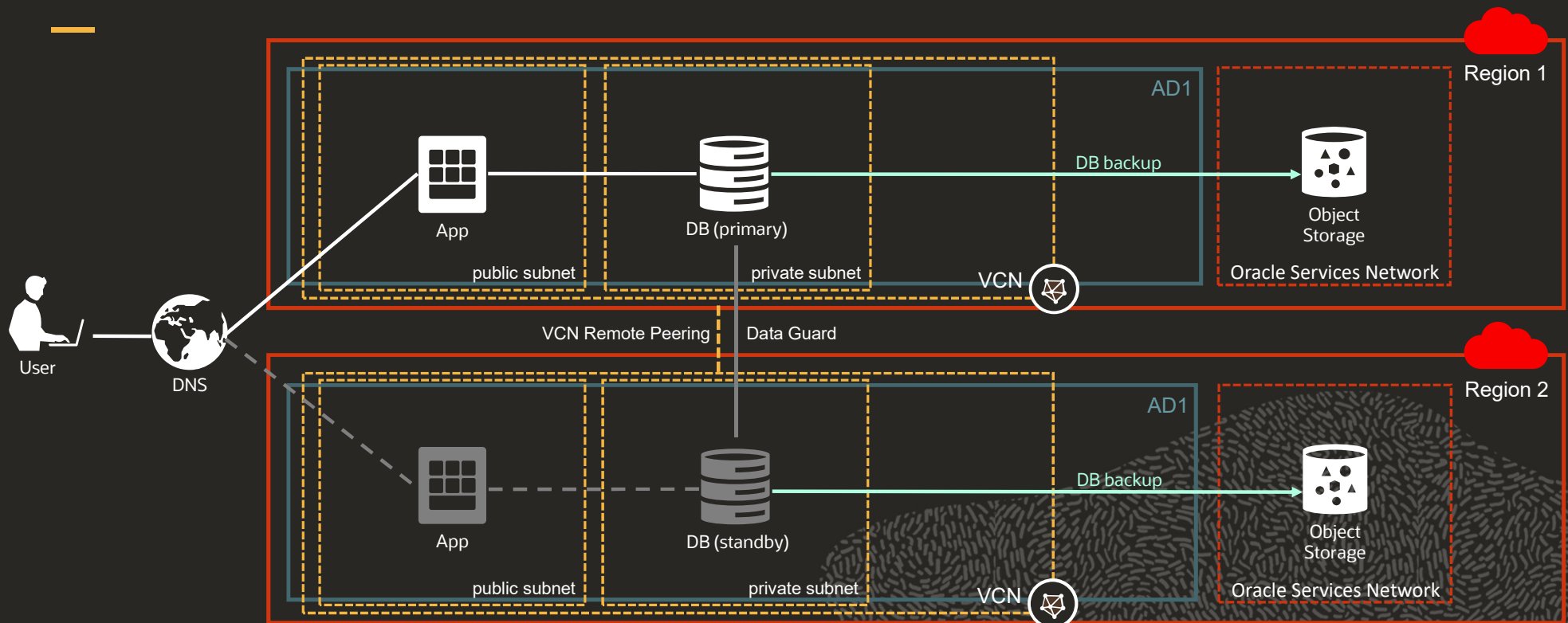
Migration / Replication / Backup



DR / Data Guard



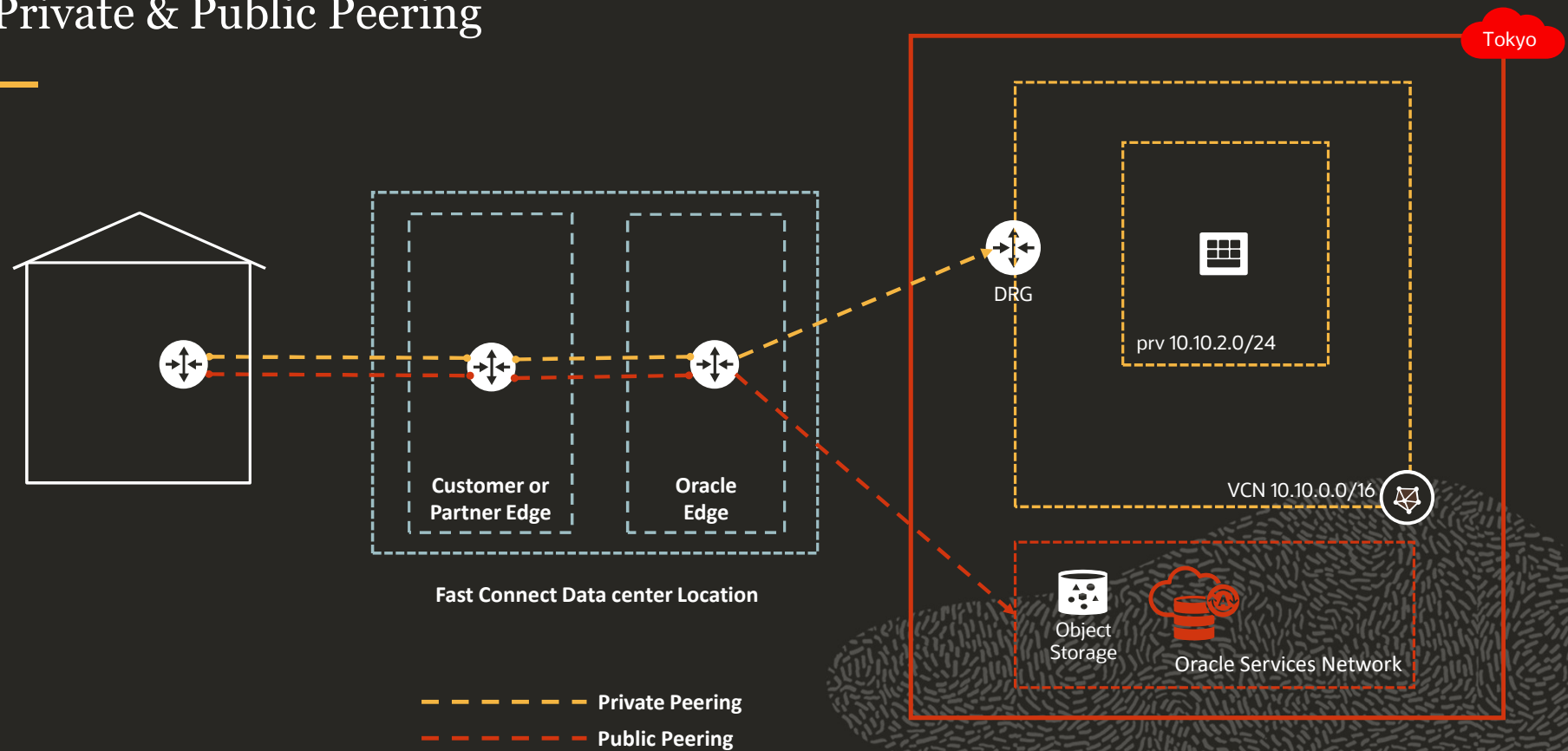
Remote Peering | Data Guard



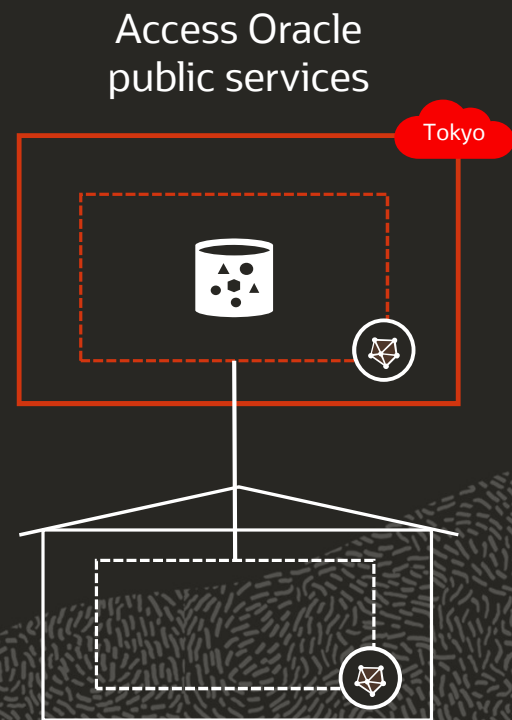
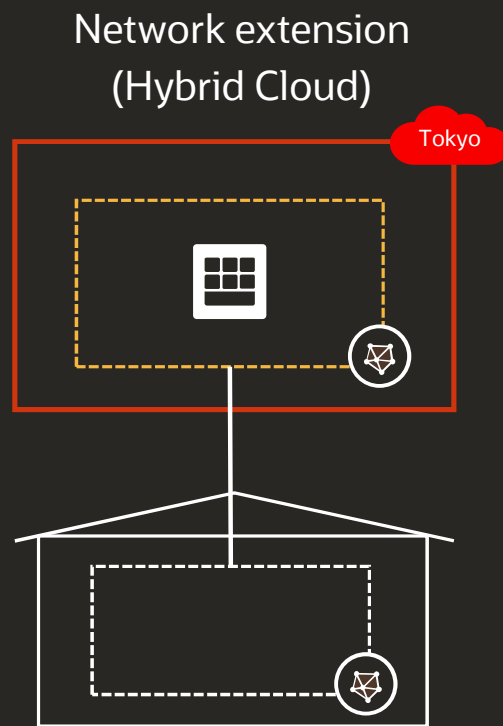
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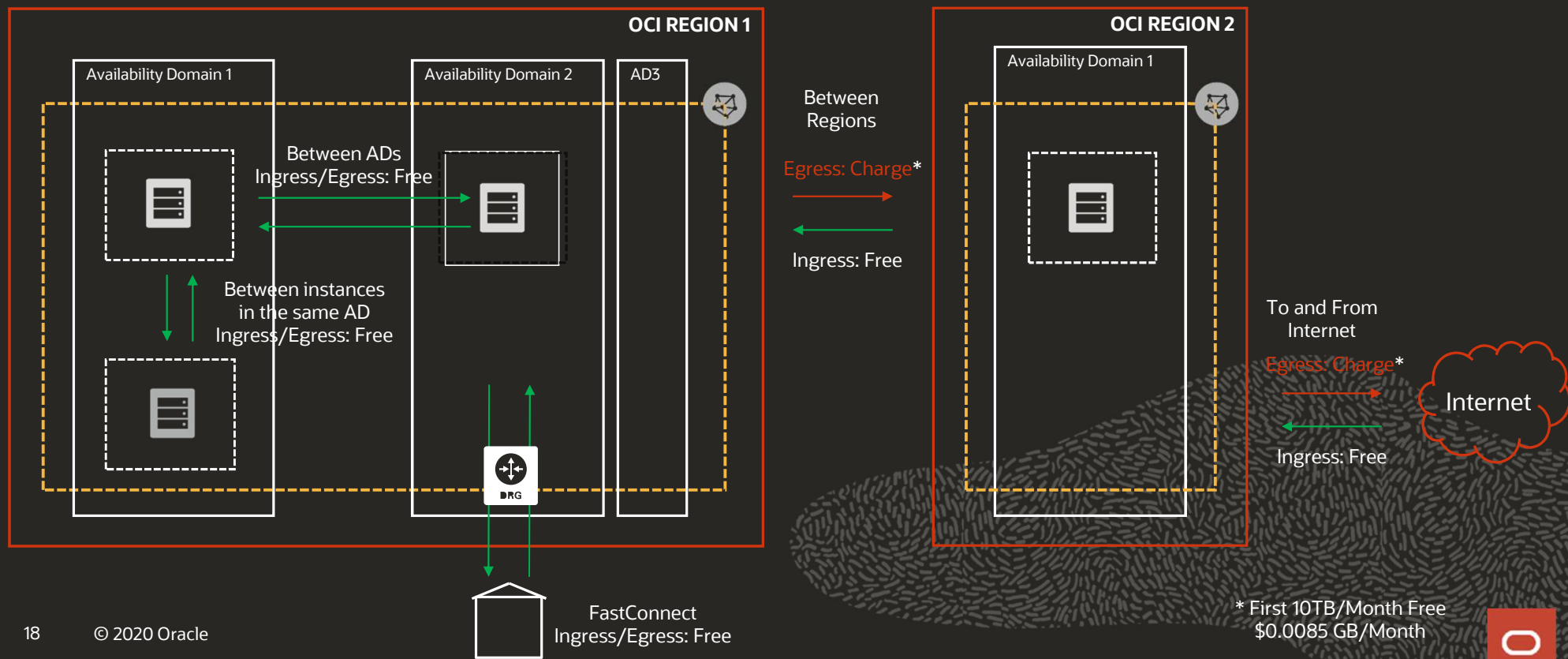
Private & Public Peering



Private & Public Peering | Use Cases



Data Transfer Costs



Agenda

- Local Peering
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Destination	Target
10.20.0.0/16	DRG1
10.21.0.0/16	DRG1

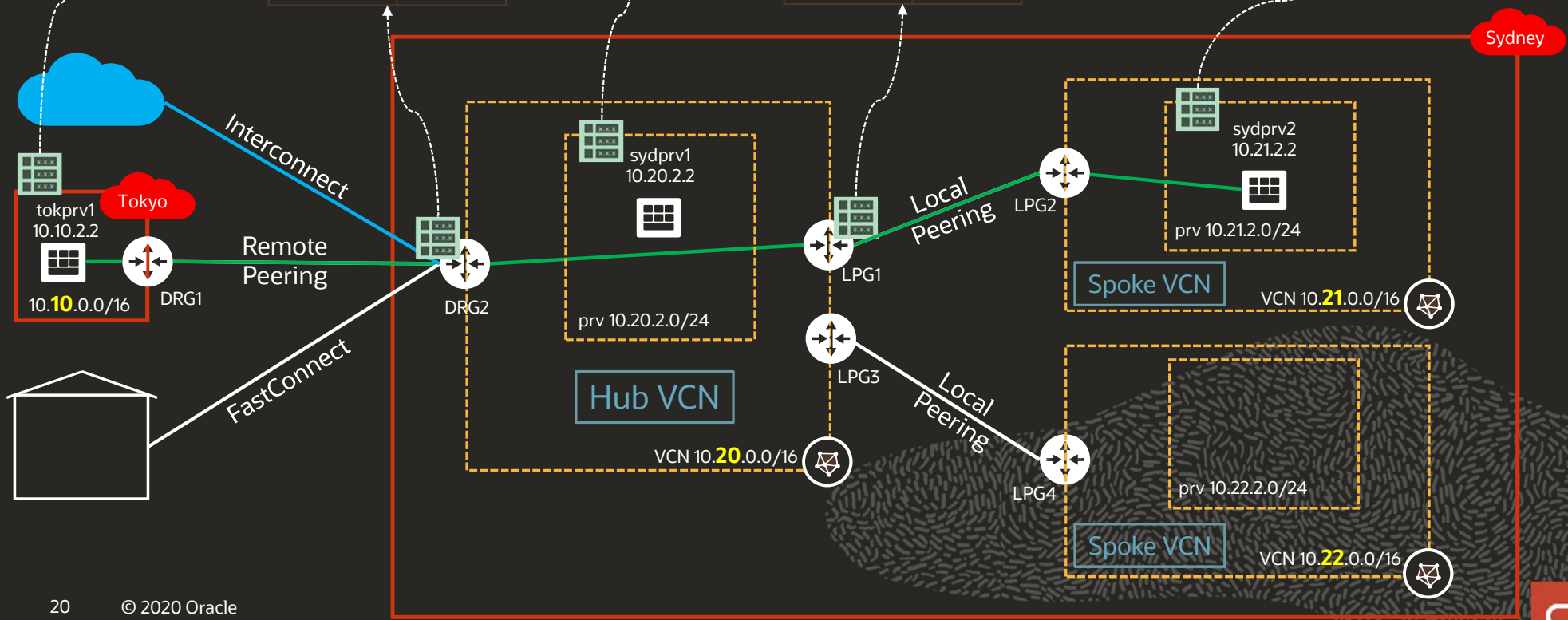
Destination	Target
10.21.0.0/16	LPG1
10.10.0.0/16	DRG2

Destination	Target
10.10.0.0/16	LPG2
10.20.0.0/16	LPG2

Destination	Target
10.21.0.0/16	LPG1

Destination	Target
10.10.0.0/16	DRG2

Transit Routing



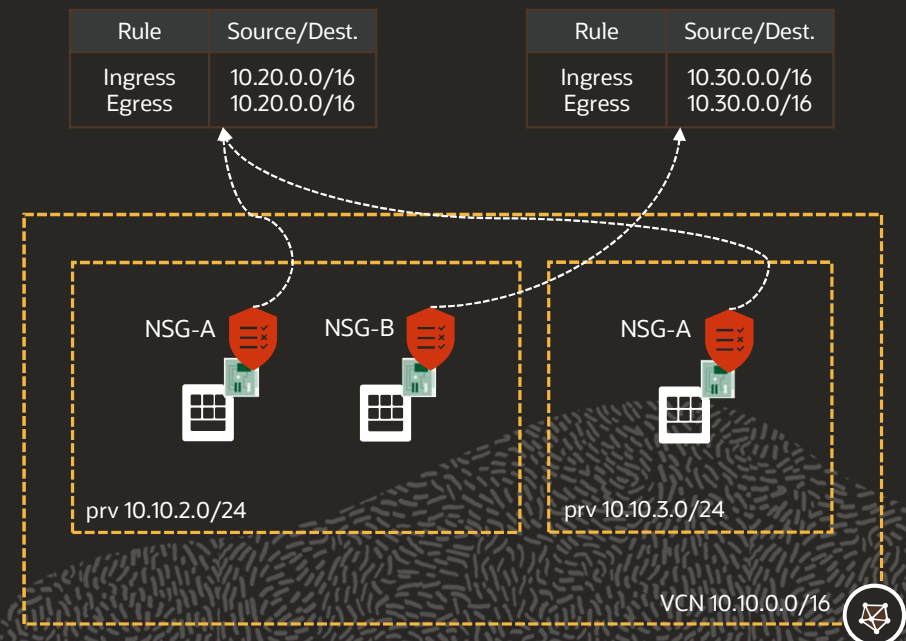
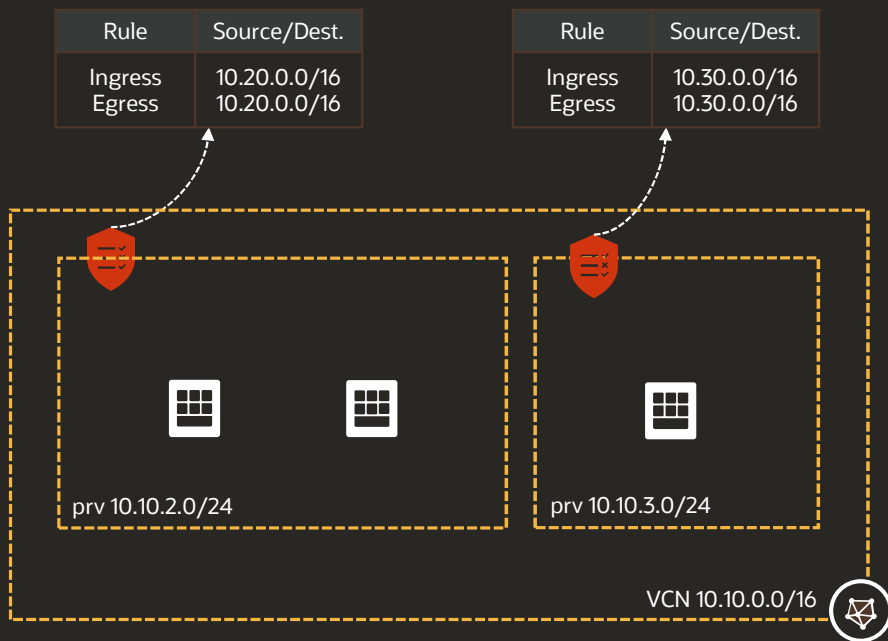


Transit Routing Demo

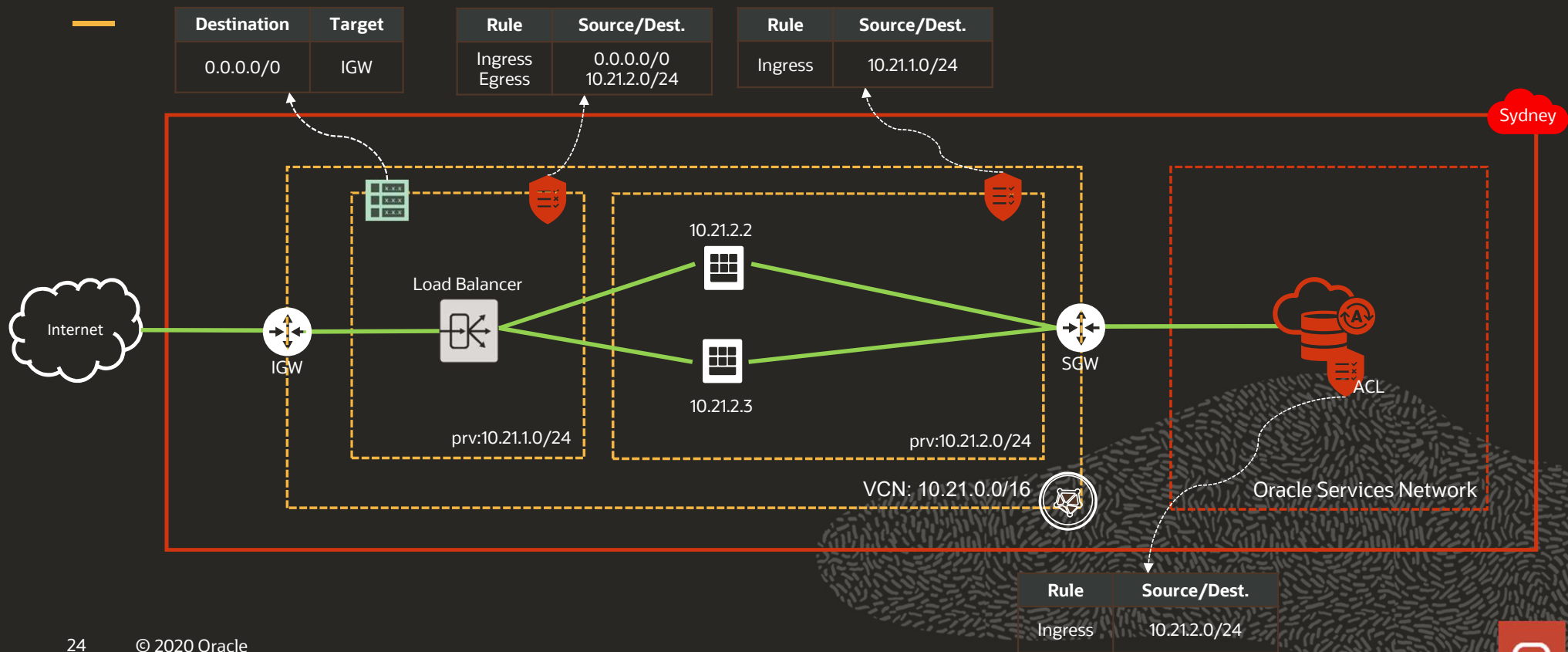
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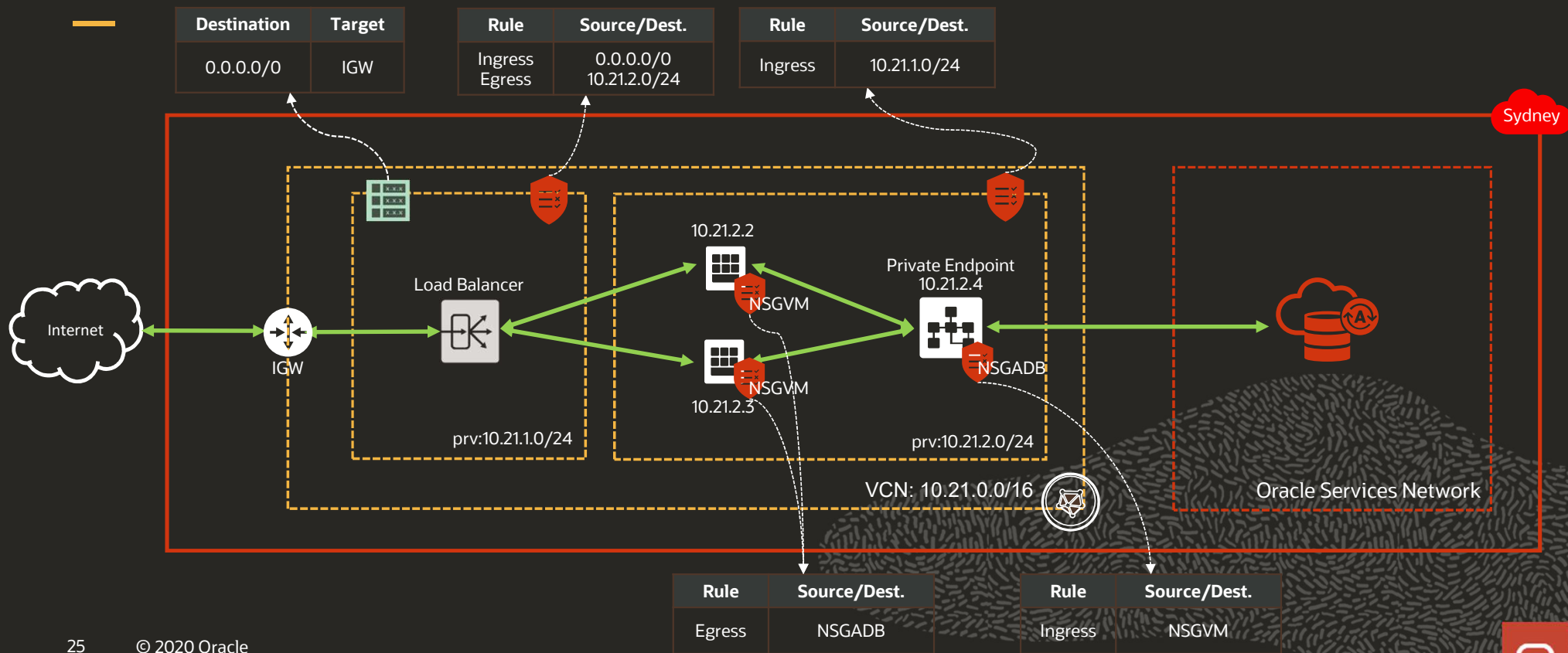
Security List vs. Network Security Group



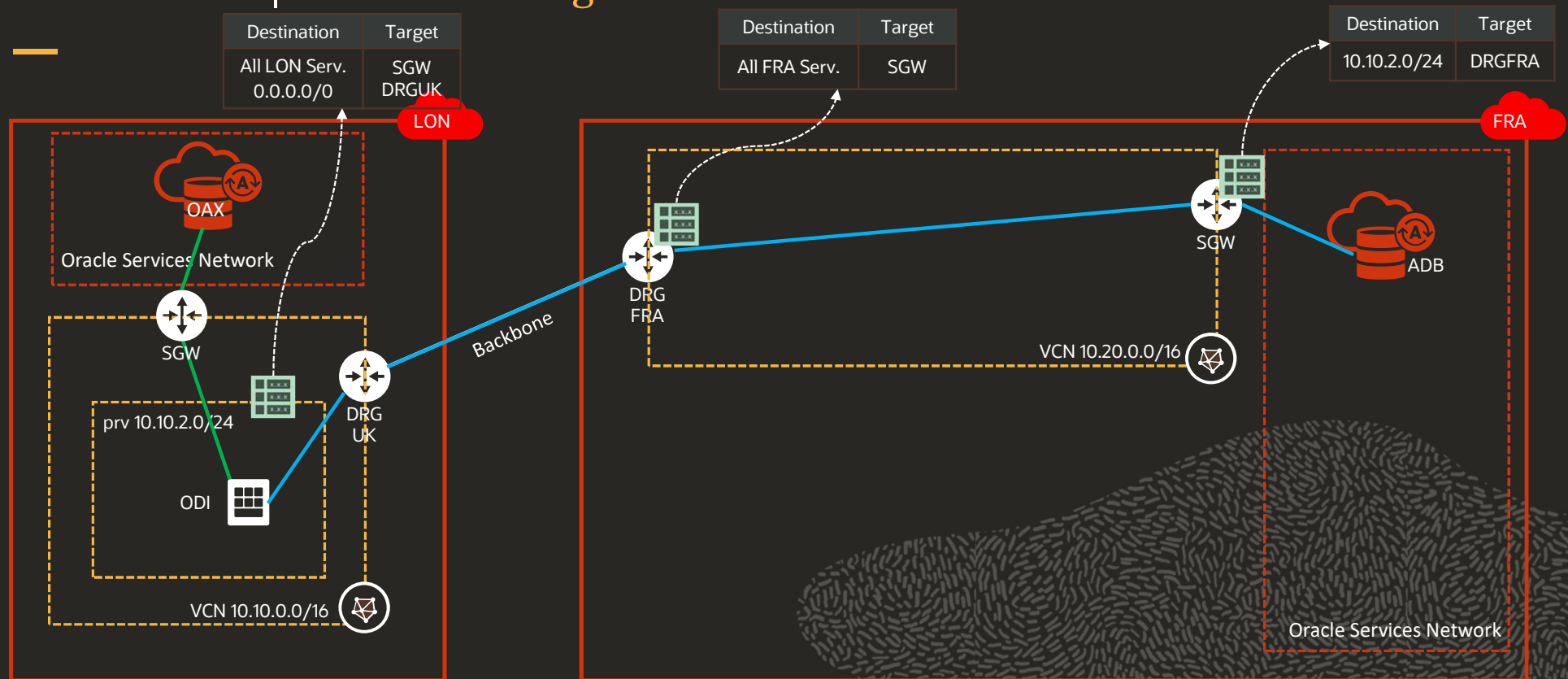
Autonomous | Service Gateway



Autonomous | Private Endpoint

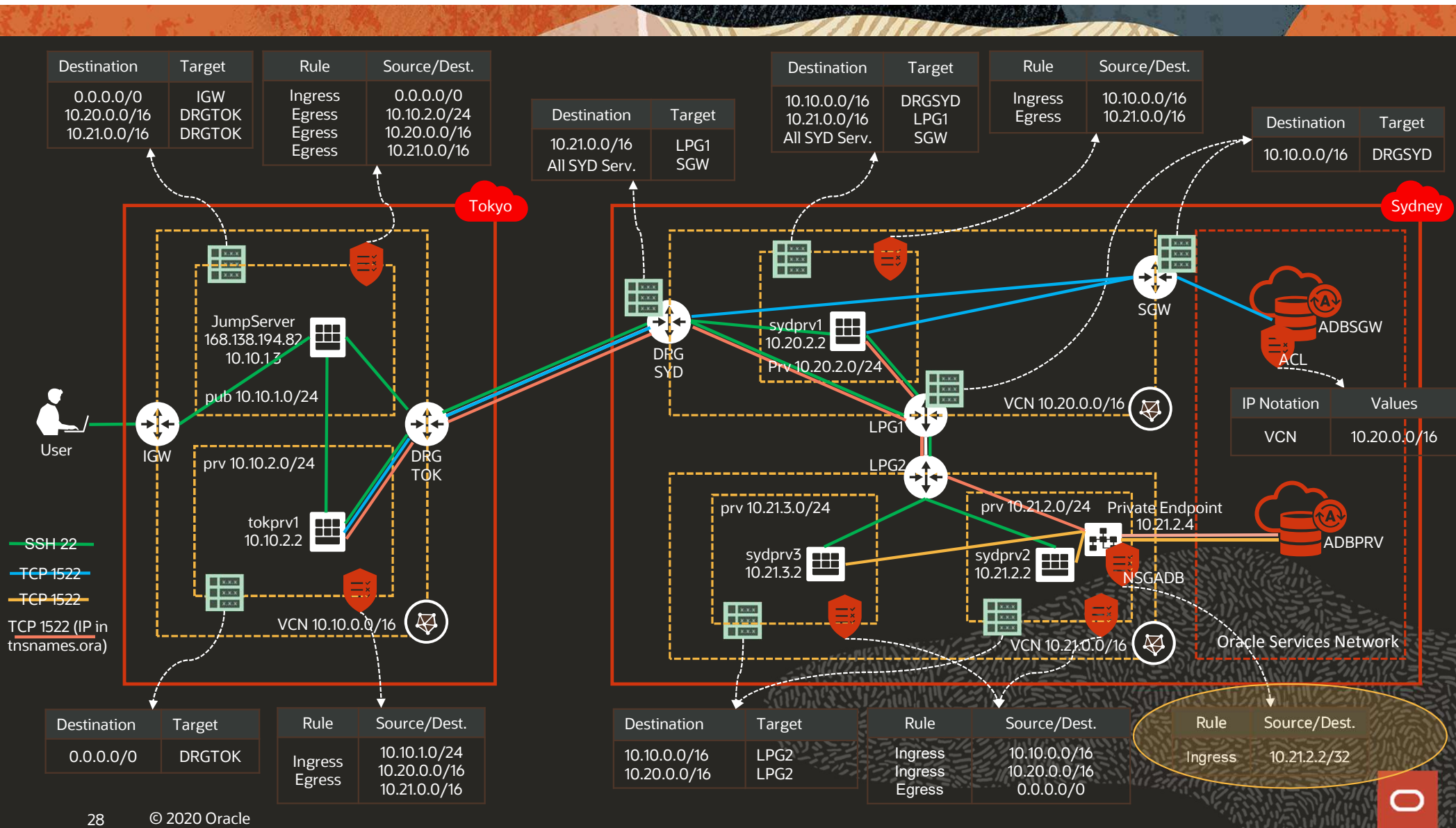


Autonomous | Transit Routing





Private Endpoint Demo



Further Reading

Local Peering

<https://docs.cloud.oracle.com/en-us/iaas/Content/Network/Tasks/localVCNpeering.htm>

Remote Peering

<https://docs.cloud.oracle.com/en-us/iaas/Content/Network/Tasks/remoteVCNpeering.htm>

Private and Public Peering

<https://docs.cloud.oracle.com/en-us/iaas/Content/Network/Concepts/fastconnectoverview.htm>

Transit Routing

<https://docs.cloud.oracle.com/en-us/iaas/Content/Network/Tasks/transitroutingoracleservices.htm>

Network Security Group

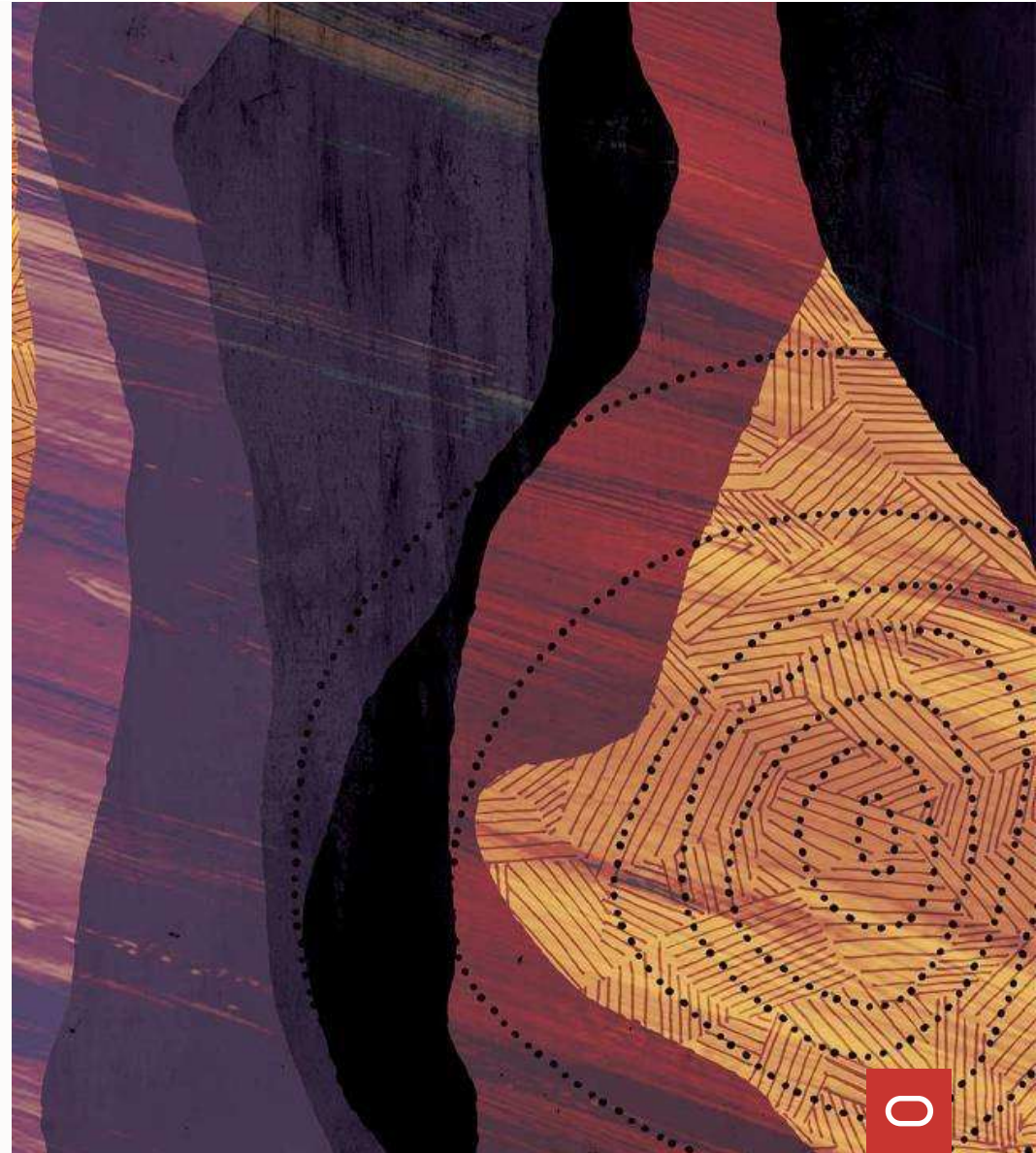
<https://docs.cloud.oracle.com/en-us/iaas/Content/Network/Concepts/networksecuritygroups.htm>

Private Endpoint

<https://docs.cloud.oracle.com/en-us/iaas/Content/Database/Concepts/adbsprivateaccess.htm>

Thank you

Sinan Petrus Toma



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data in new ways, discover insights,
unlock endless possibilities.

