

A person wearing a yellow and black striped shirt, seen from the side, looking towards the right.

ORACLE



Base de Datos Convergente: ATP Multicloud Workshop



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13 y 14 de Mayo de 2020 Zoom sessions

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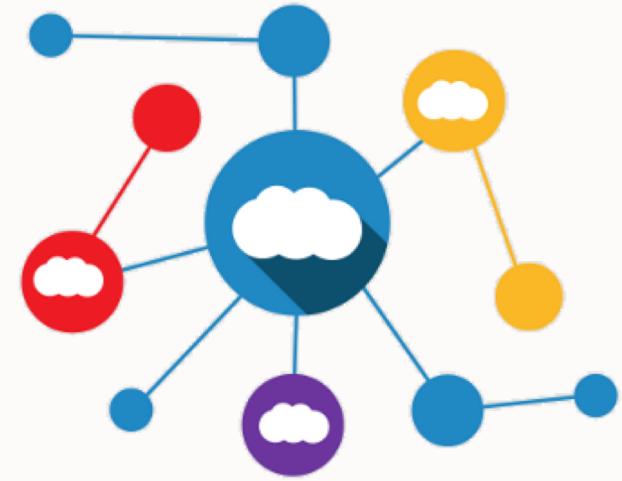
Safe harbor statement

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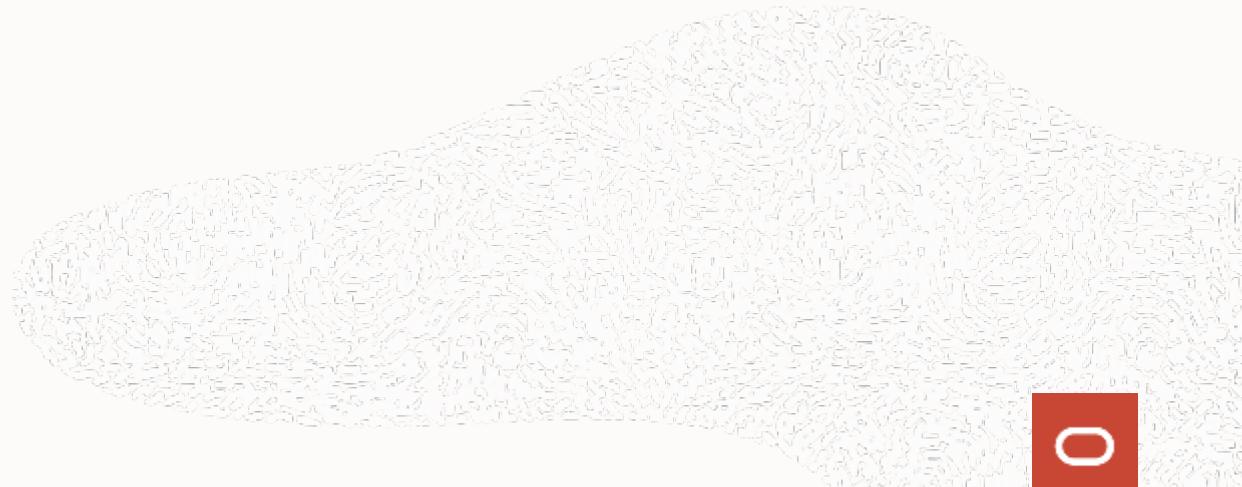
Agenda

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OVERVIEW



Agenda

OVERVIEW



Oracle and 3rd party public clouds

How to consume Oracle technology in/with other public clouds

AVAIL.: availability of Oracle database technologies by cloud vendor
MODE: type of cloud service (IaaS, PaaS) where Oracle database runs
ENTER: possibility of using Oracle database enterprise capabilities

Multi-Cloud

	AVAIL.	MODE	ENTER.
Azure	✓ ⁽¹⁾	PaaS	✓ ⁽²⁾
AWS	✓	PaaS	✓ ⁽²⁾
Google	✓	PaaS	✓ ⁽²⁾

IaaS/PaaS

	AVAIL.	MODE	ENTER.
Azure	✓	IaaS	✓ ⁽³⁾
AWS	✓	IaaS	✓ ⁽³⁾
		PaaS	X
Google	X	X	X

Bare Metal

	AVAIL.	MODE	ENTER.
Azure	X	X	X
AWS	✓	IaaS	✓ ⁽⁵⁾
Google	! ⁽⁴⁾	IaaS	! ⁽⁵⁾

Cloud Adjacent

	AVAIL.	MODE	ENTER.
Azure	✓ ⁽¹⁾	PaaS	✓ ⁽⁶⁾
AWS	✓	PaaS	✓ ⁽⁶⁾
Google	✓	PaaS	✓ ⁽⁶⁾

⁽¹⁾ Azure-OCI partnership that includes connectivity, SSO and collaborative support model

⁽²⁾ Accessing through to OCI and Autonomous Database via Fast Connect

⁽³⁾ BYOL for IaaS model according to the policy for authorized cloud vendors ([doc](#))

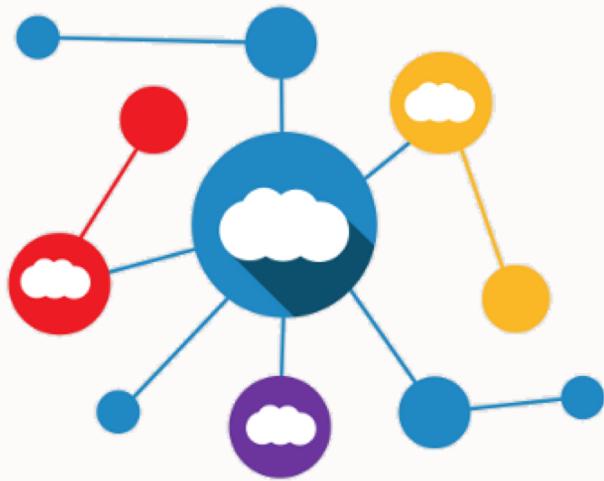
⁽⁴⁾ By co-location hoster or MSP

⁽⁵⁾ BYOL according to on-premises licensing policy ([doc](#))

⁽⁶⁾ Cloud at Customer with Autonomous Database coming soon

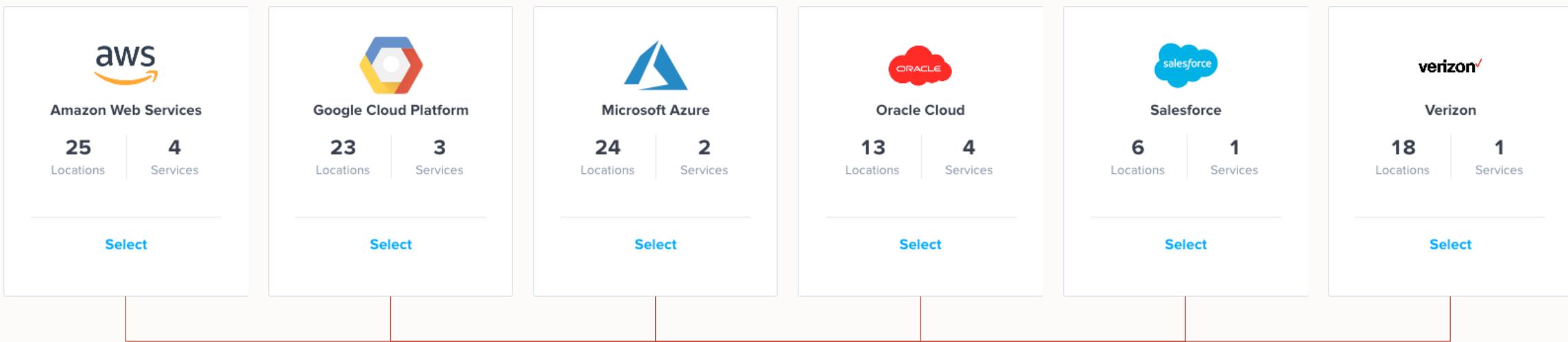


Agenda





Multicloud momentum with Equinix



ECX Fabric

Globally-distributed, on-demand, virtual interconnection service that enables our customers to connect effortlessly to...

[Read more >](#)



ECX Fabric Portal (CXP) Pricing

- The ECX Fabric Portal shows the total price and the cost of the components (local and remote connections).
- The pricing in the portal is reflected with an existing Price Agreement (PA).
- Price will be displayed in the currency based on the A-end metro.

The screenshot shows the Equinix Cloud Exchange Fabric (CXP) Pricing Portal. At the top, there's a navigation bar with the Equinix logo, 'CLOUD EXCHANGE FABRIC™', and links for 'My Company', 'Inventory', 'Support', 'Create Connection' (which is highlighted in blue), and a user dropdown 'uatbuyer1'. Below the navigation is a section titled 'Connection Speed' with four options:

- Billing Tier: Up to 50 Mbps. Speed: 50 Mbps. Monthly Charge: Select Speed.
- Billing Tier: Up to 200 Mbps. Speed: 200 Mbps. Monthly Charge: Select Speed.
- Billing Tier: Up to 500 Mbps. Speed: Select Speed.
- Billing Tier: Up to 10 Gbps. Speed: Select Speed.

A large blue-bordered box highlights the second option (200 Mbps). Inside this box, the text 'Speed Selected' is displayed in blue, and the monthly charge is shown as '150.00 EUR'. To the right of the speed selection area is a 'Pricing Overview' section with the following details:

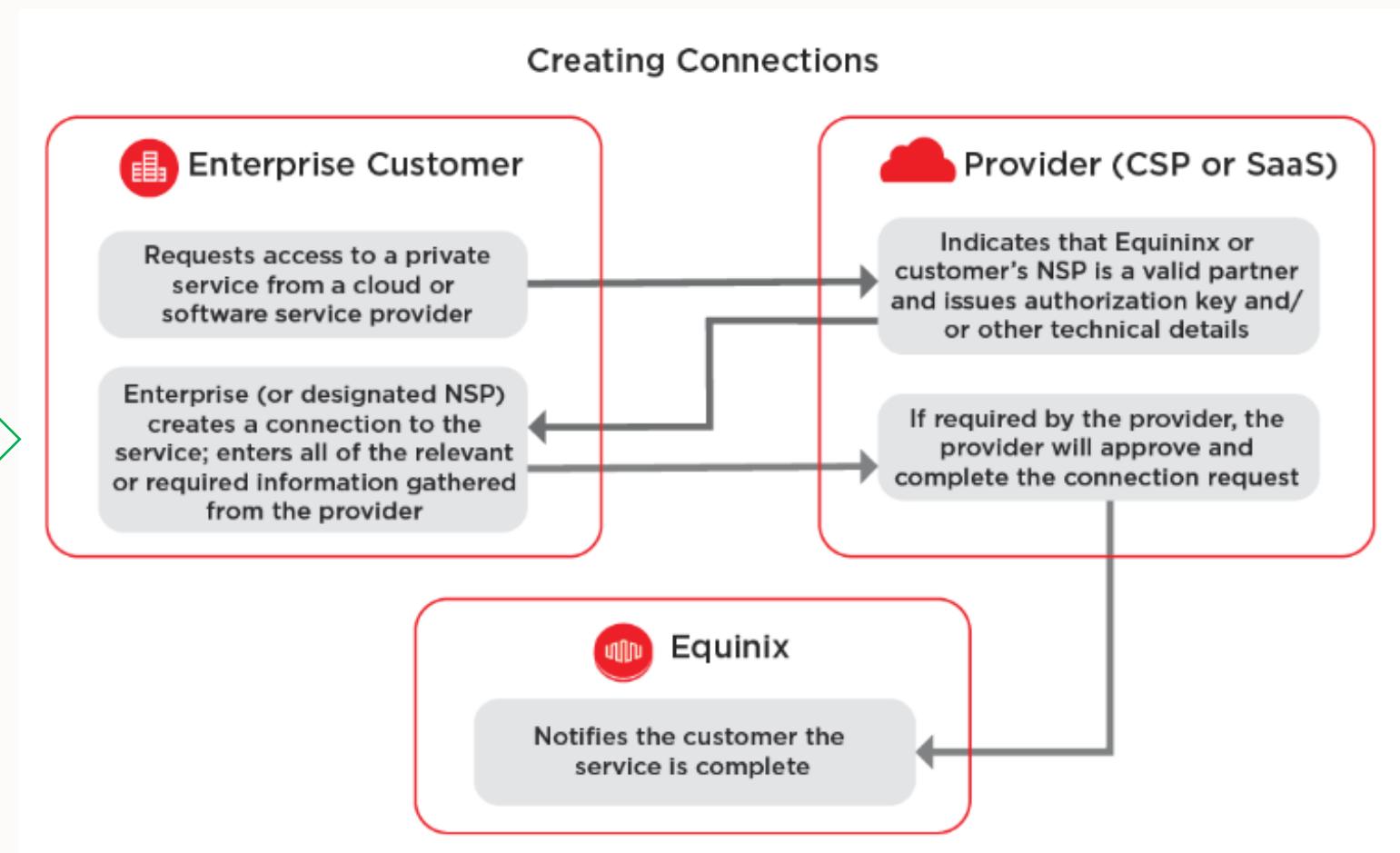
Local Connection:	200.00 USD
Remote Surcharge:	1150.00 USD
Total:	1350.00 USD

Additional taxes and/or fees may apply, depending on the Metro.

ECX Fabric Workflow

Three basic workflows that most users follow:

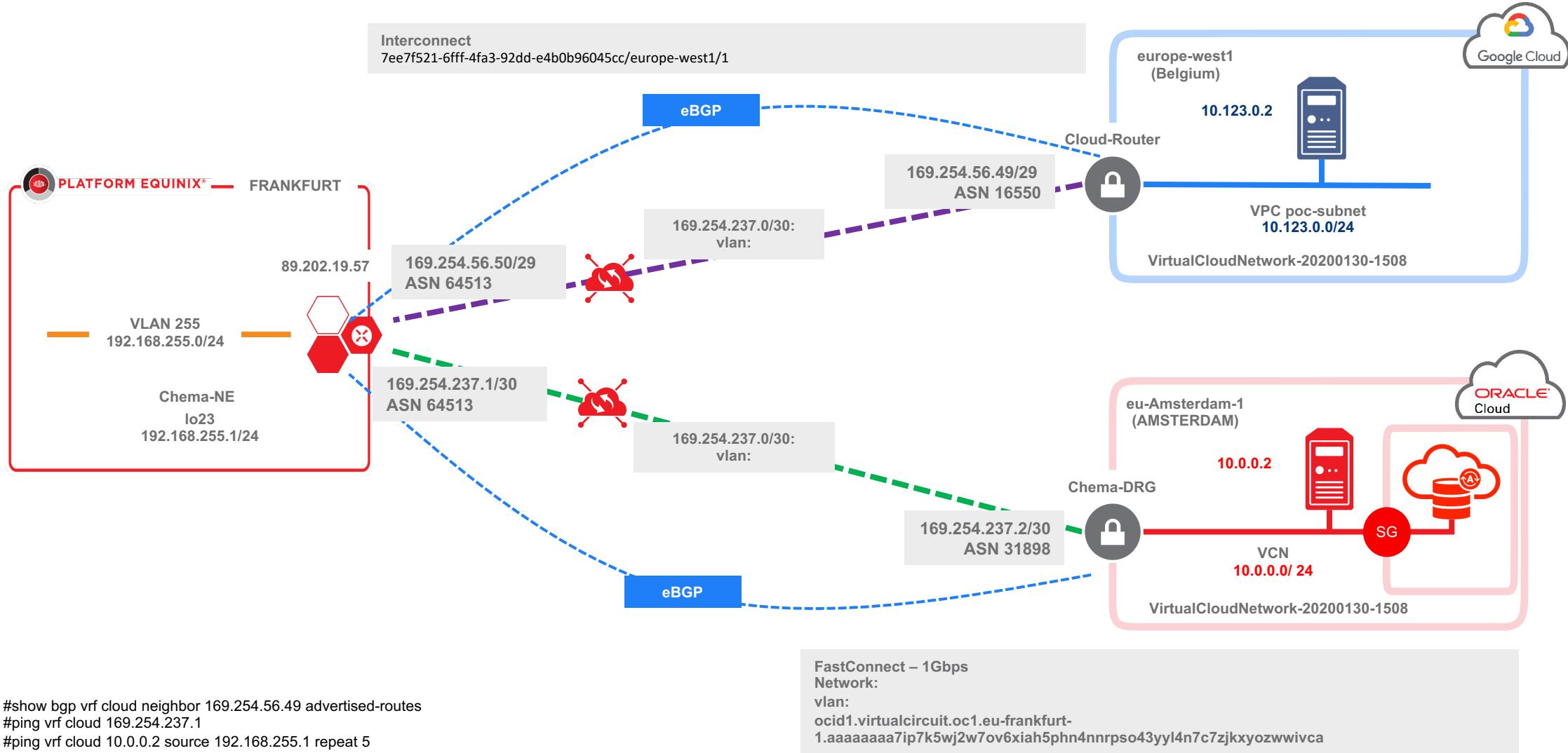
- Creating and Ordering Ports
- Creating Connections (buying a service from another)
- Creating Service Profiles (selling a service to others)



20200131 – Customer PoC Architecture



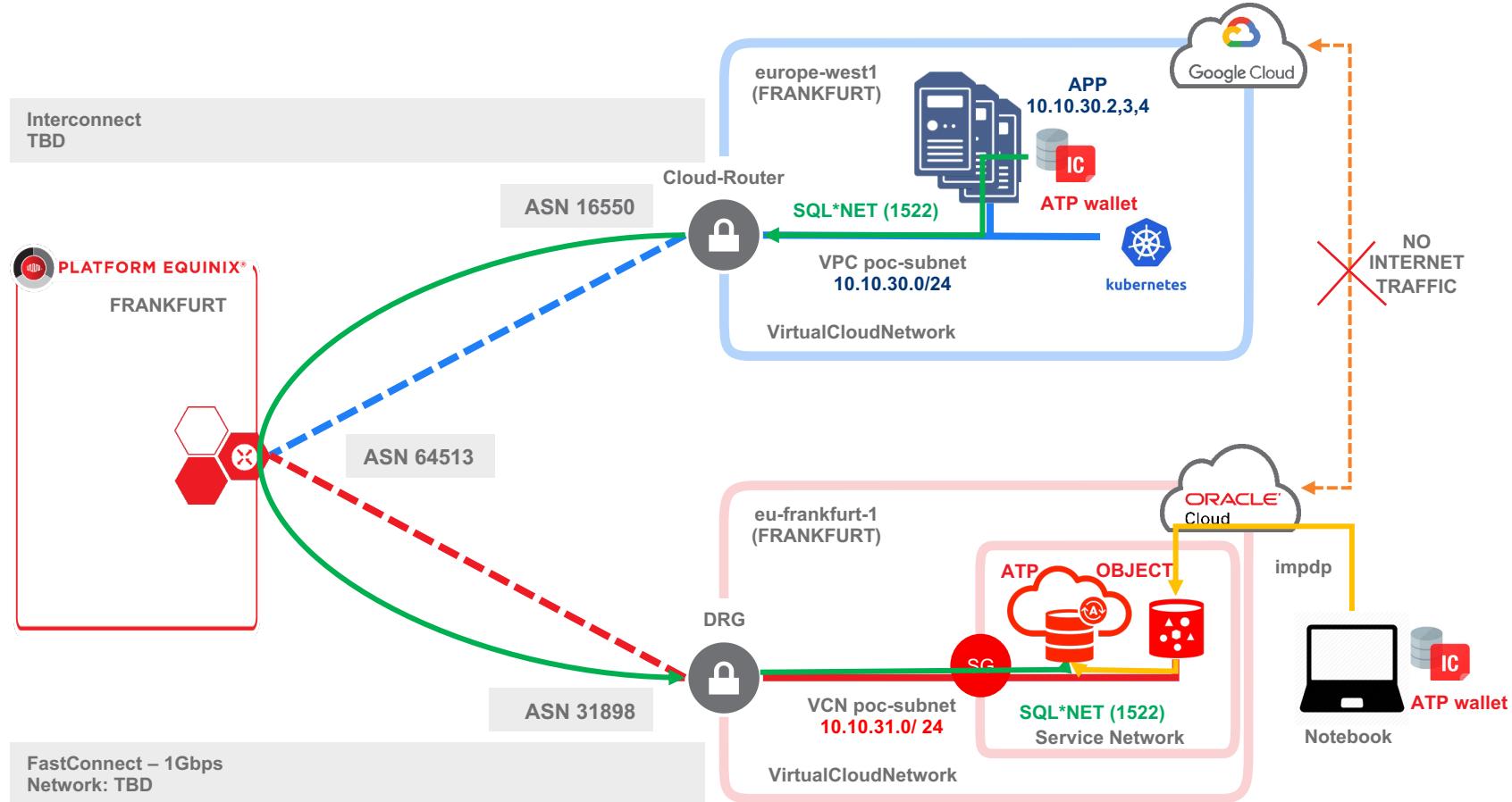
EQUINIX CLOUD EXCHANGE FABRIC



20200214 – Customer PoC Architecture

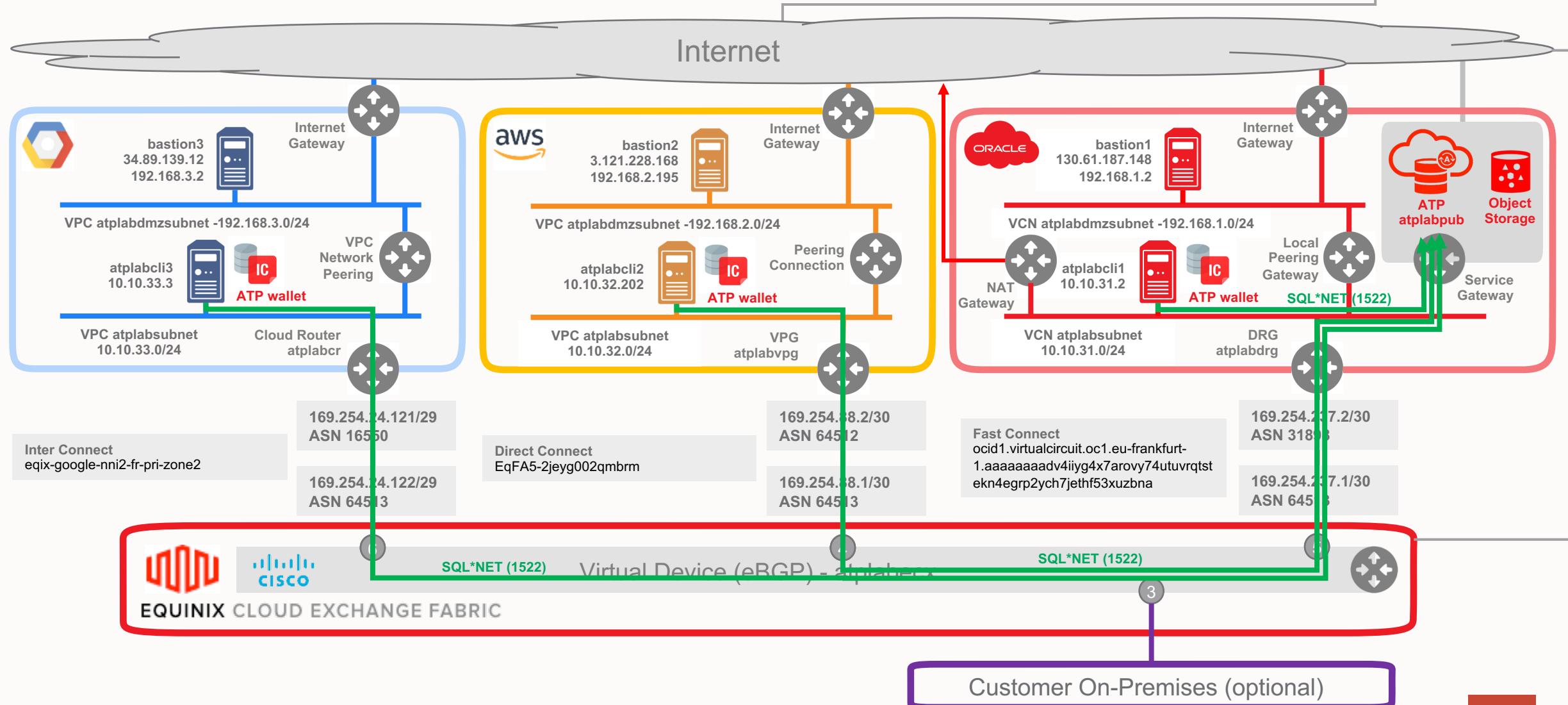


EQUINIX CLOUD EXCHANGE FABRIC



Converged Database Multicloud Workshop

ATPLAB: Overview



Elastic Performance

ATPLAB: how Scalability, Concurrency and Parallelism work fine in ATP

The screenshot shows the Oracle Cloud Infrastructure SQL Monitoring dashboard. The title bar includes tabs for Compute Engine - My First Pro, Instances | EC2 Management, Oracle Cloud Infrastructure, and ECX Fabric. The main navigation bar has links for ORACLE Cloud, Search for resources and services, and Germany Central (Frankfurt). The user is signed in as atplabpub.

The dashboard displays the Top 100 queries by Last Active Time. A 'Kill Session' button is visible above the table. The columns include Status, Duration, Inst ID, SQL ID, SQL Plan Hash, User Name, Parallel, Database Time, I/O Requests, and SQL Text. Most queries are for HR@Z36W1ZYAC6L8LPZ_ATPLABPUB, running in parallel with 4 threads. The first query has a duration of 44.00s, while others range from 39.00s to 3.07m. The SQL text for most queries is a select statement involving GCP, AWS, and OCI storage.

Status	Duration	Inst ID	SQL ID	SQL Plan Hash	User Name	Parallel	Database Time	I/O Requests	SQL Text
✓	44.00s	1	4m3v878vknwu1	3313491567	HR@Z36W1ZYAC6L8LPZ_ATPLABPUB	⊕ 4	3.00m	166K	select /*GCP*/ sum(io_extended...
✓	49.00s	1	1667qhdrryc1p	3313491567	HR@Z36W1ZYAC6L8LPZ_ATPLABPUB	⊕ 4	3.31m	166K	select /*AWS*/ sum(io_extended...
✓	48.00s	1	adpkxhd25qq1t	3313491567	HR@Z36W1ZYAC6L8LPZ_ATPLABPUB	⊕ 4	3.21m	166K	select /*OCI*/ sum(io_extended...
✓	39.00s	1	fzhppq6mrf963	3313491567	HR@Z36W1ZYAC6L8LPZ_ATPLABPUB	⊕ 4	2.63m	166K	select /*Home*/ sum(io_extende...
✓	3.07m	1	1667qhdrryc1p	3002741515	HR@Z36W1ZYAC6L8LPZ_ATPLABPUB	⊕ 4	3.09m	165K	select /*AWS*/ sum(io_extended...
✓	3.10m	1	adpkxhd25qq1t	3002741515	HR@Z36W1ZYAC6L8LPZ_ATPLABPUB	⊕ 4	3.13m	165K	select /*OCI*/ sum(io_extended...
✓	3.15m	1	fzhppq6mrf963	3002741515	HR@Z36W1ZYAC6L8LPZ_ATPLABPUB	⊕ 4	3.17m	165K	select /*Home*/ sum(io_extende...
✓	3.18m	1	4m3v878vknwu1	3002741515	HR@Z36W1ZYAC6L8LPZ_ATPLABPUB	⊕ 4	3.21m	165K	select /*GCP*/ sum(io_extended...

Close

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Partners Multicloud: Work in Progress



Customer Engagement
Database Summit Madrid
• Adoption Strategy



Marketing Campaign
• Retail Accounts



Partner Enablement
• A&C Initiative



Solution Architecture
• Trial Accounts
• Customer Support

Agenda

Converged Database Workshop Series



Converged Database Workshop Series

Marketing Campaign on going

1. Oracle Converged Database: Multitenant, Multimodel, In-Memory

- For DBAs, Solutions Architects and Developers, including CTOs
- One day in Torre Picasso or
- Remote Zoom sessions (3 consecutive days, 2 hours each)



110 attendees

Scoring 4.8/5

Last: 21, 22, 23 April

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110 attendees

Scoring 4.8/5

Last: 21, 22, 23 April

2. Oracle Converged Database: Multicloud ECX with Autonomous DB

- For Data Engineers and Cloud Solutions Architects
- One morning in Torre Picasso or
- Remote Zoom sessions (2 consecutive days, 3 hours each)



Opening:
13, 14 May

Converged Database Workshop Series

Marketing Campaign on going

1. Oracle Converged Database: Multitenant, Multimodel, In-Memory

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110 attendees

Scoring 4.8/5

Last: 21, 22, 23 April

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- For Data Engineers and Cloud Solutions Architects
- One morning in Torre Picasso or
- Remote Zoom sessions (2 consecutive days, 3 hours each)



Opening:
13, 14 May

3. Oracle Converged Database: Spatial, Graph & ML with Python and R

- For Data Engineers, Data Scientists, Business Analysts and Solutions Architects
- One day in Torre Picasso or
- Remote Zoom sessions (3 consecutive days, 2 hours each)



Opening:
2, 3, 4 Jun

Agenda

Multicloud ECX with Autonomous DB



Oracle Converged Database: Multicloud ECX with Autonomous DB Hands On Labs

HOL0 - ATP

HOL1 - ECX and OCI Fast Connect

HOL2 - AWS Direct Connect

HOL3 - GCP Inter Connect

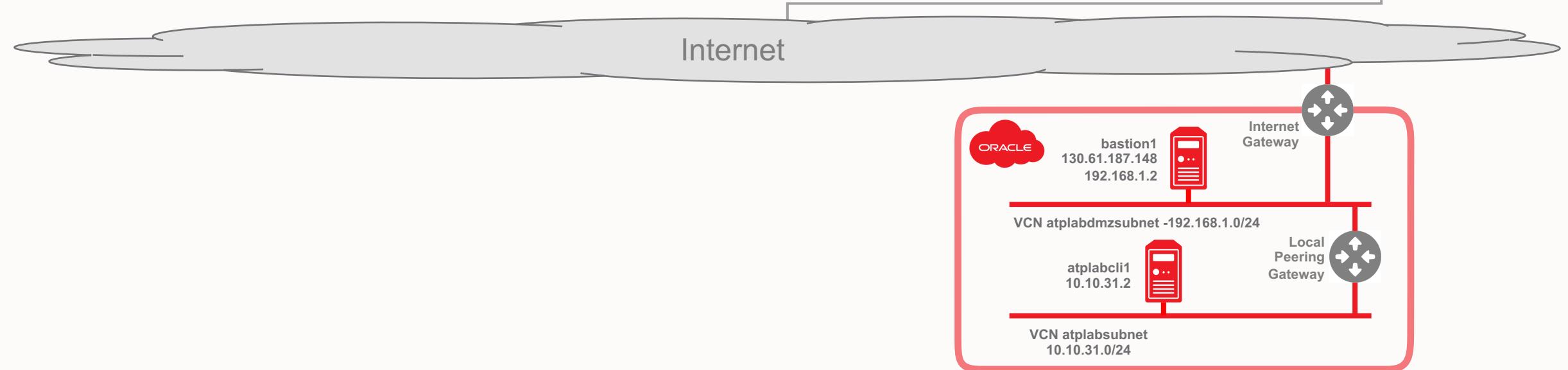
HOL4 - IC cloning and SQLplus queries to ATP

HOL5 - ATP tooling



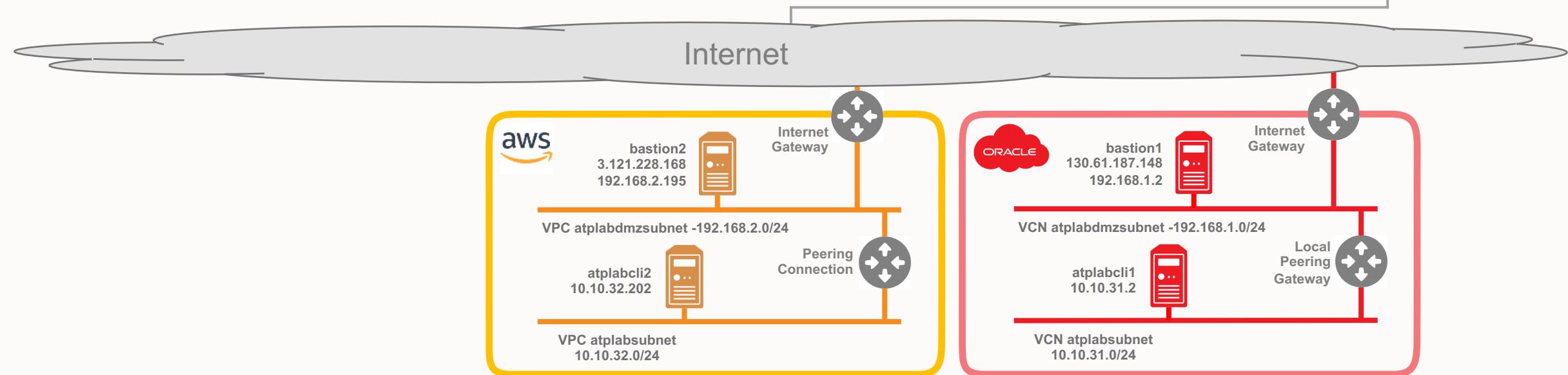
Converged Database Multicloud Workshop

ATPLAB: OCI pre-work done!



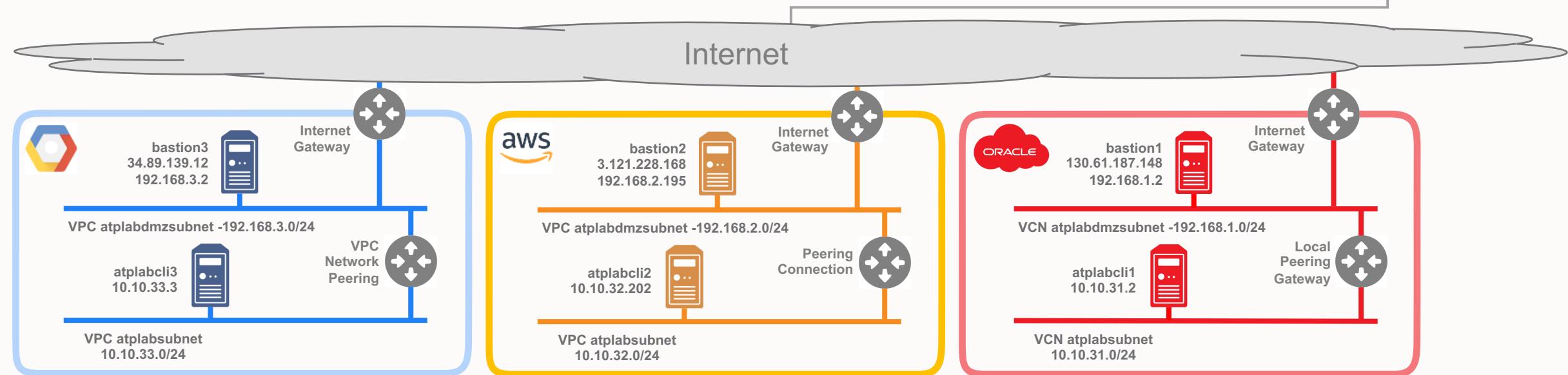
Converged Database Multicloud Workshop

ATPLAB: AWS pre-work done!



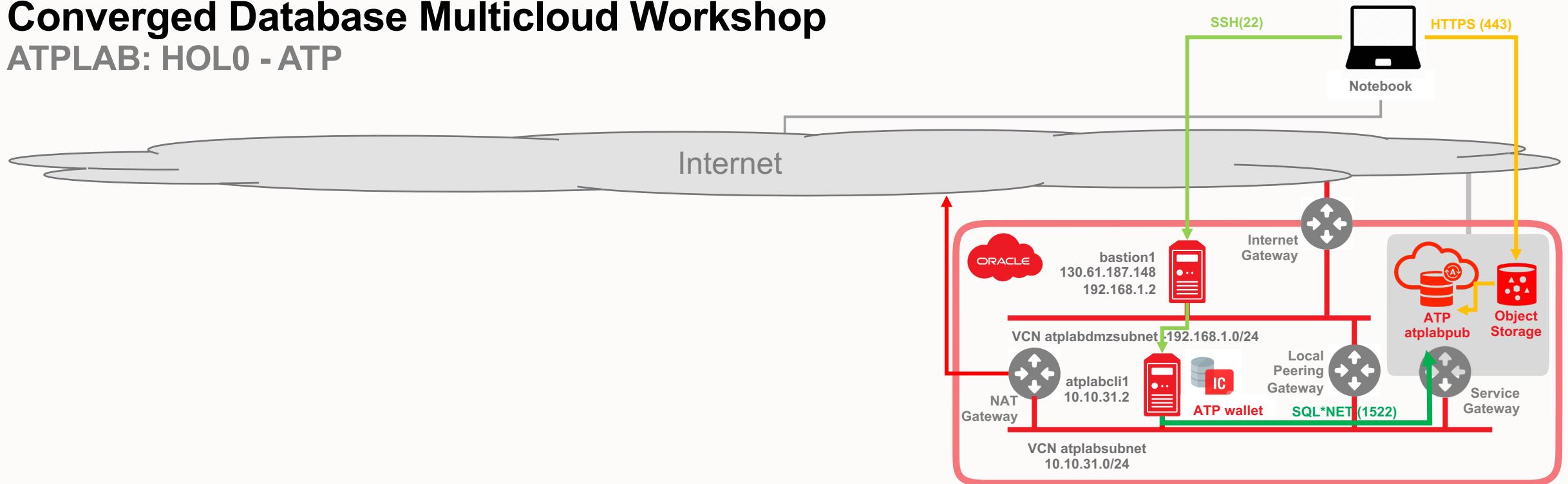
Converged Database Multicloud Workshop

ATPLAB: GCP pre-work done!



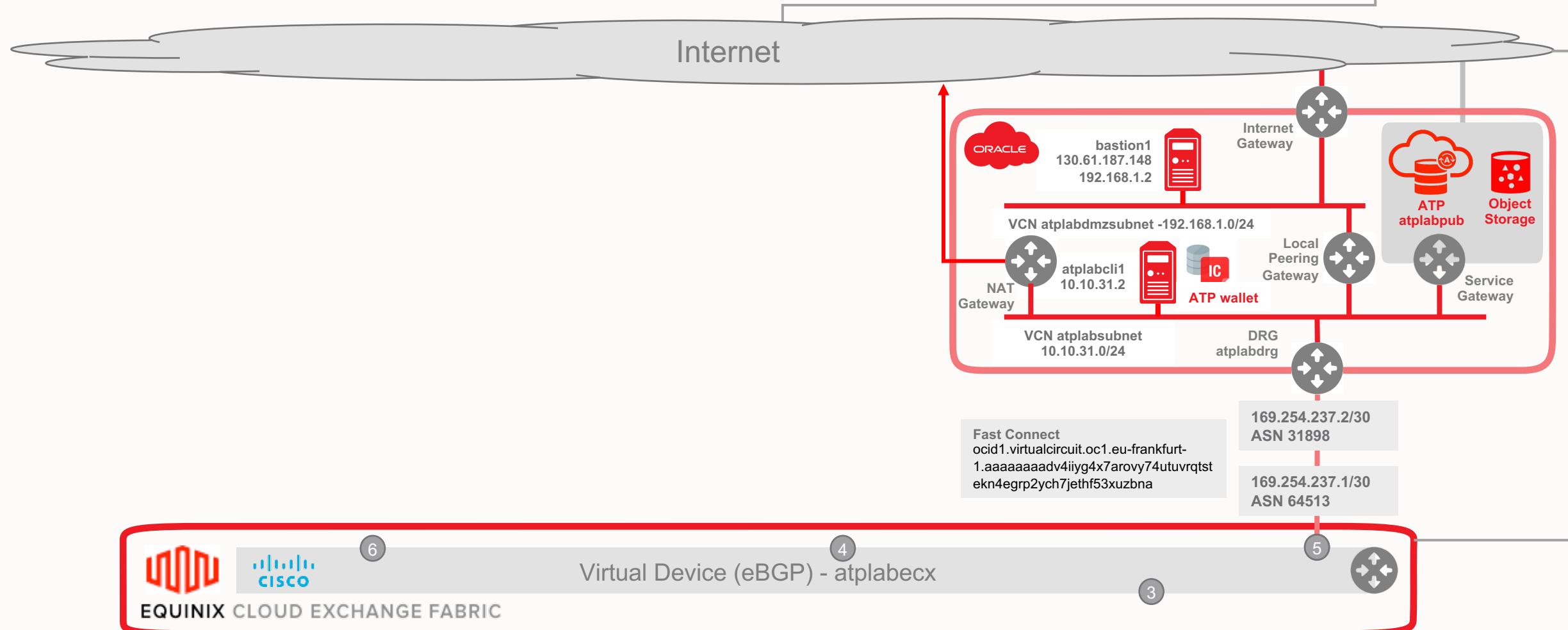
Converged Database Multicloud Workshop

ATPLAB: HOL0 - ATP



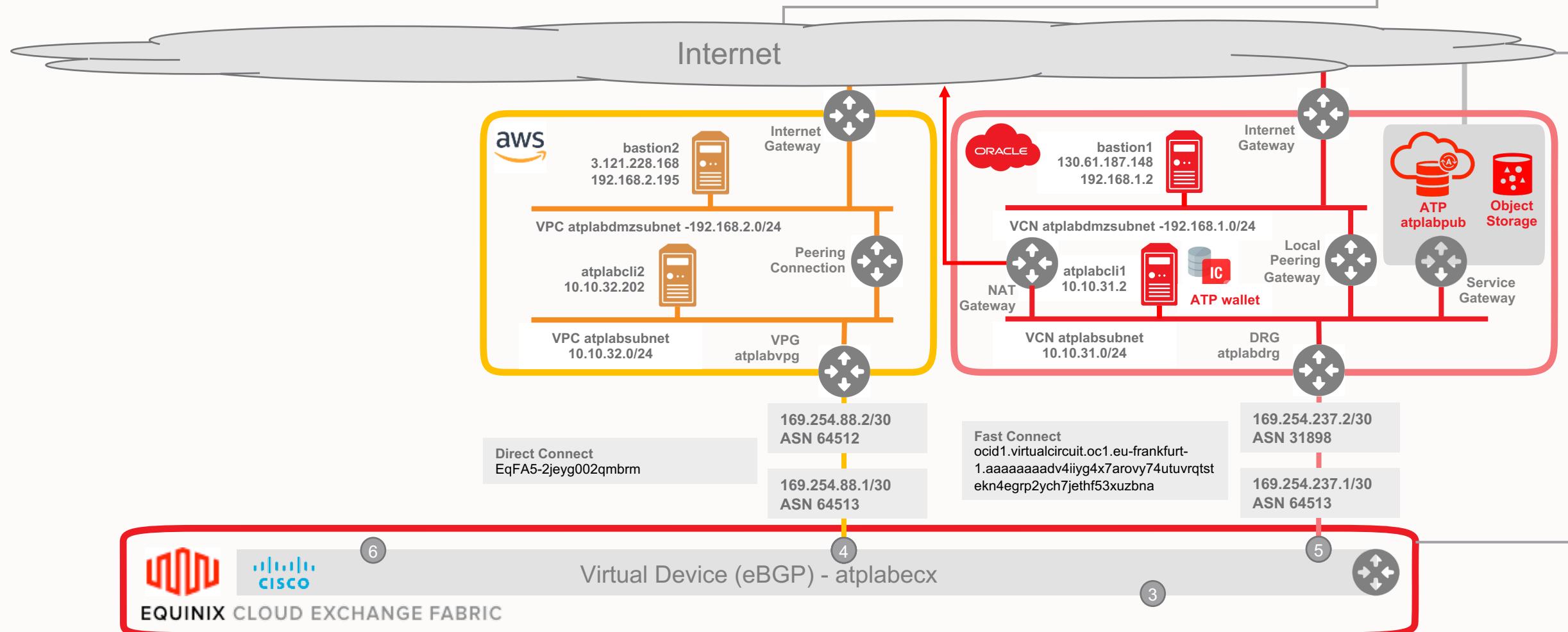
Converged Database Multicloud Workshop

ATPLAB: HOL1 - ECX and OCI Fast Connect



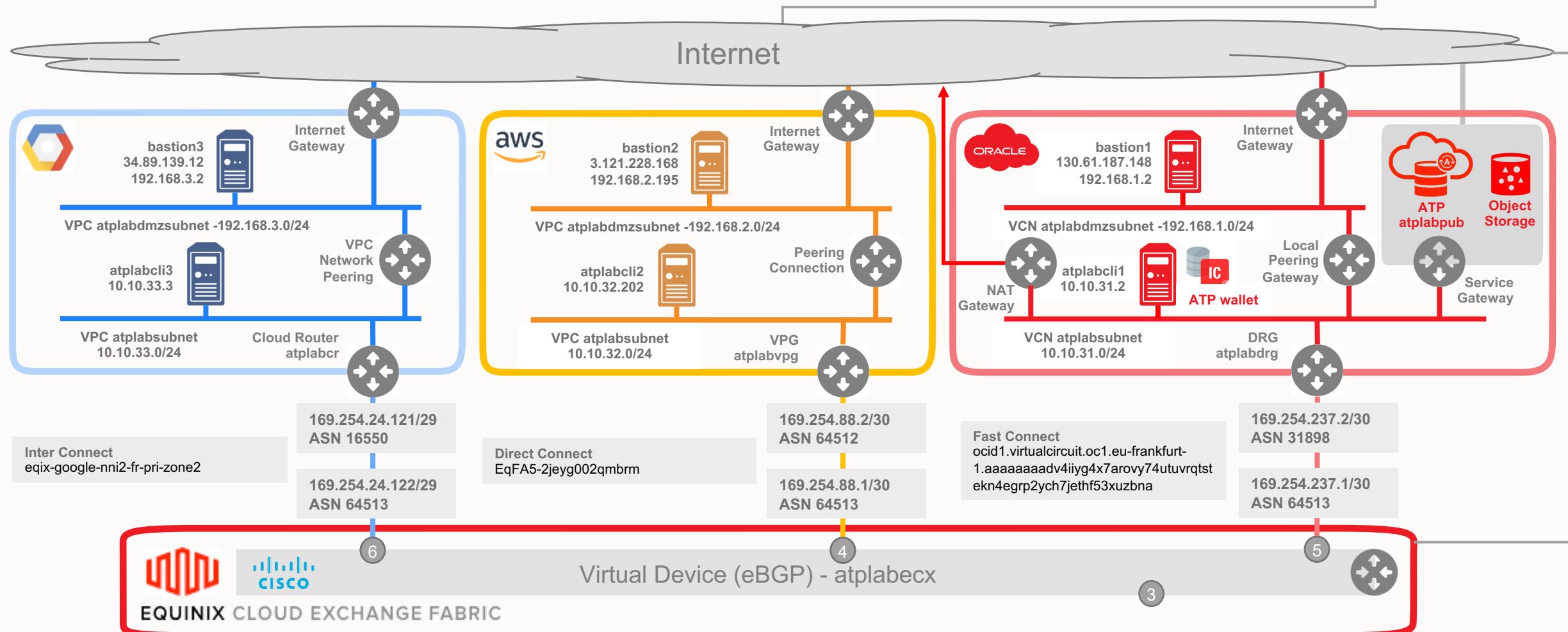
Converged Database Multicloud Workshop

ATPLAB: HOL2 - AWS Direct Connect



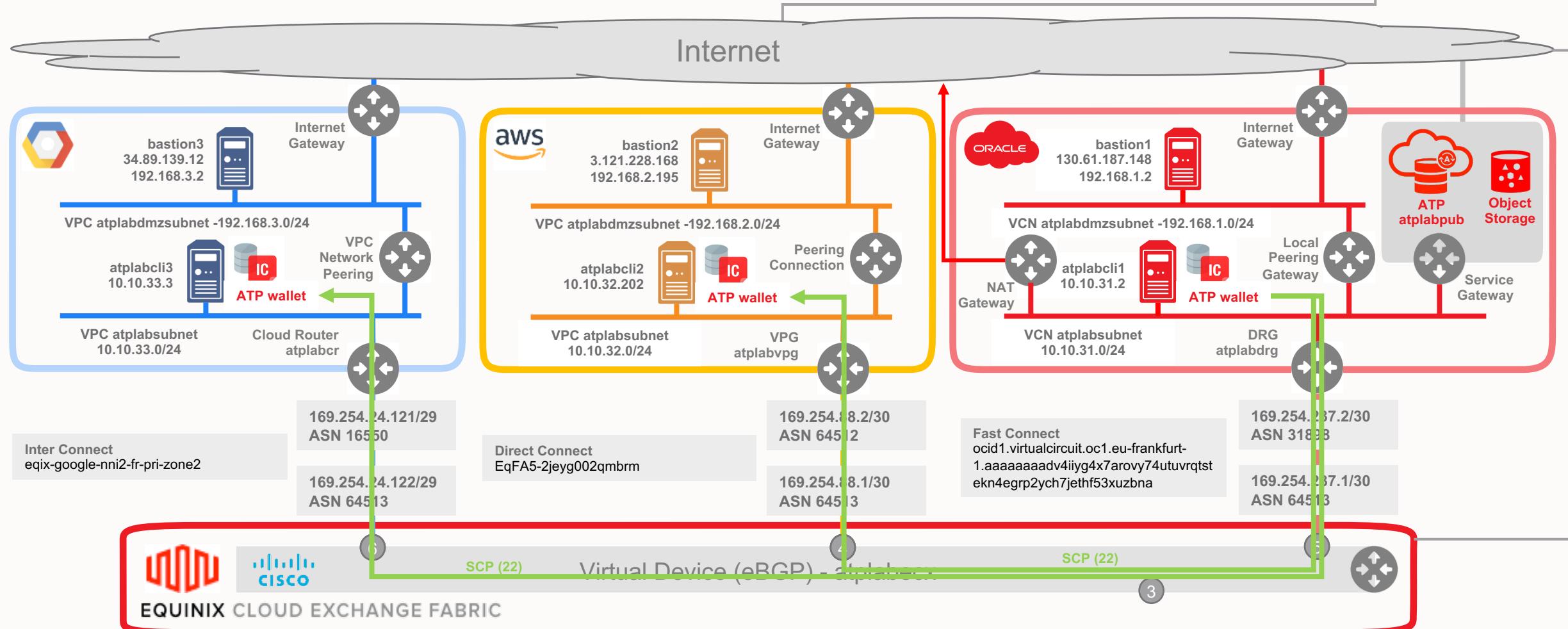
Converged Database Multicloud Workshop

ATPLAB: HOL3 - GCP Inter Connect



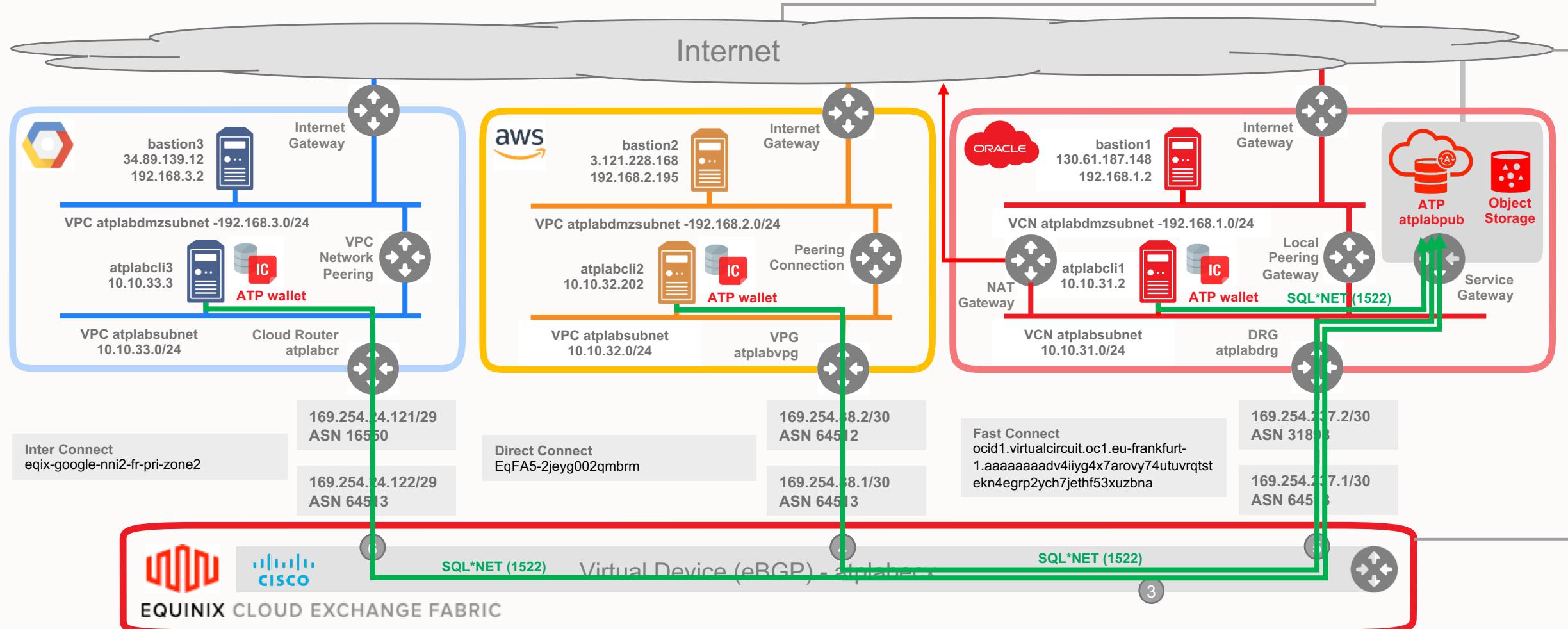
Converged Database Multicloud Workshop

ATPLAB: HOL4 - IC cloning



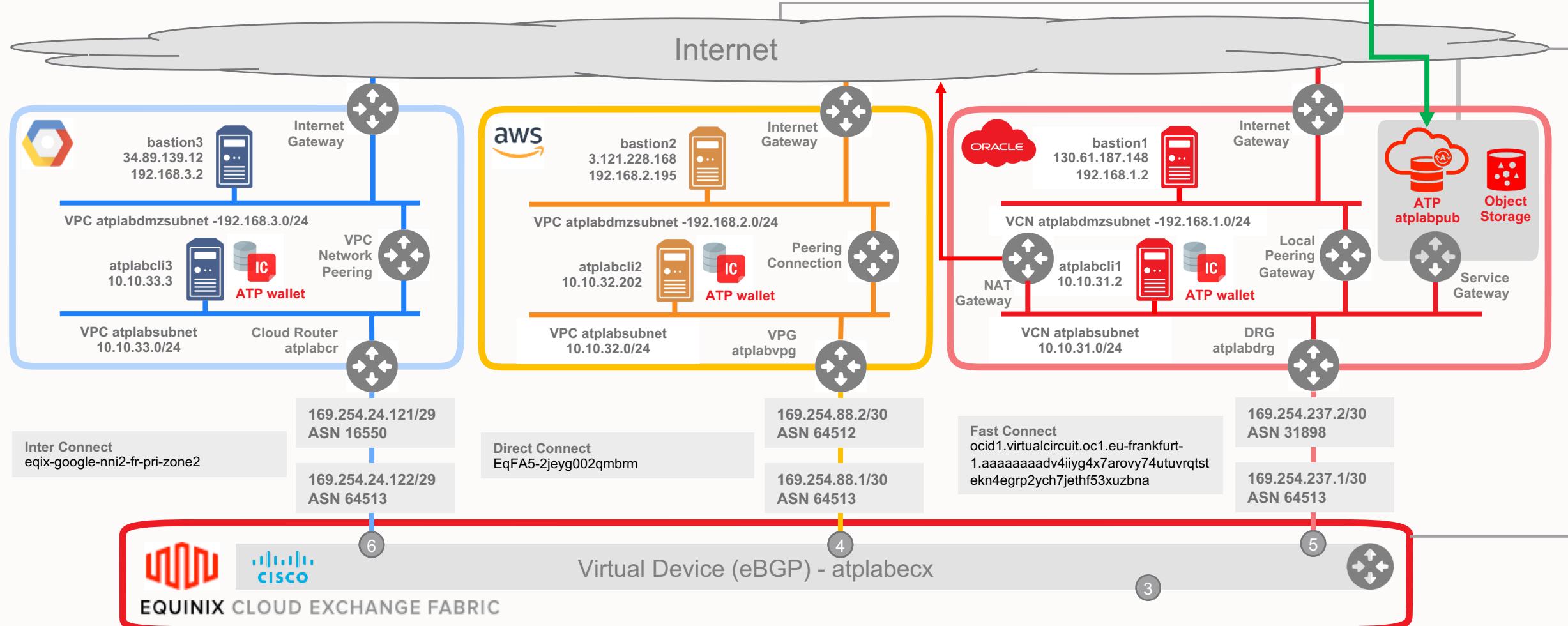
Converged Database Multicloud Workshop

ATPLAB: HOL4 - SQLplus queries to ATP



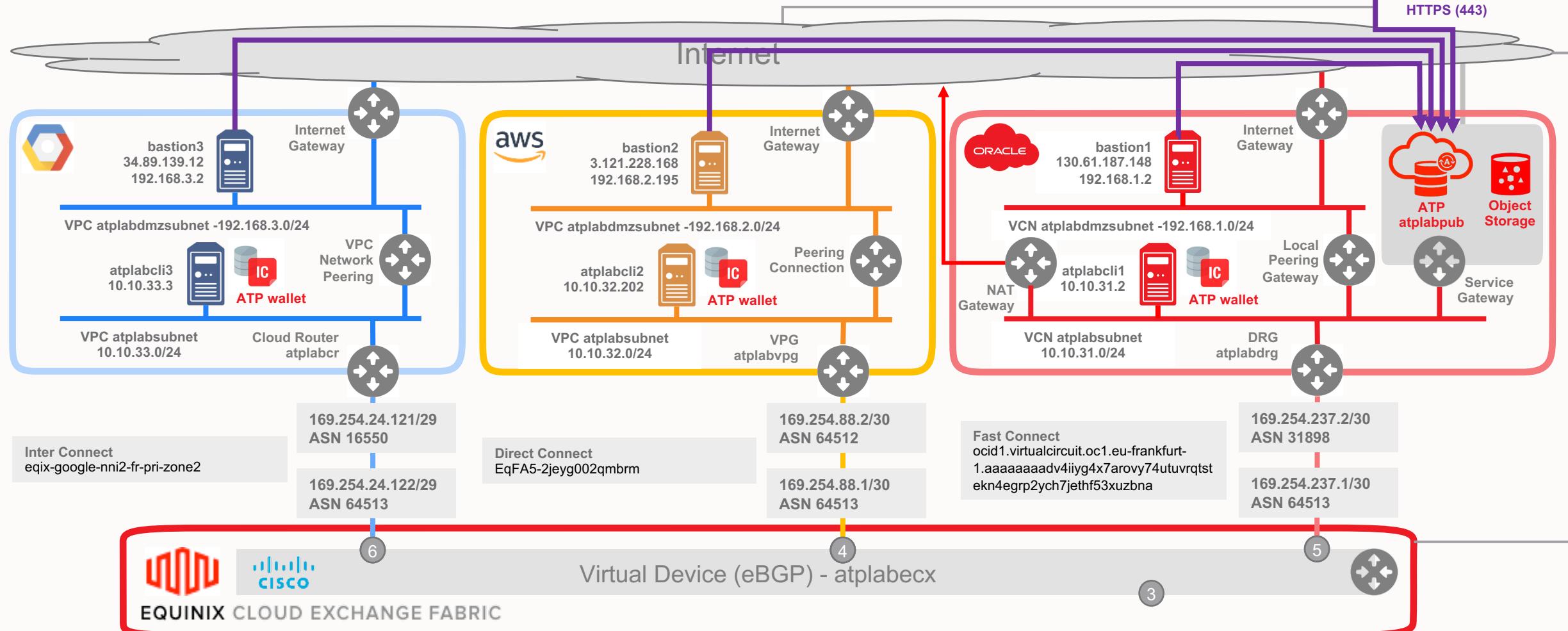
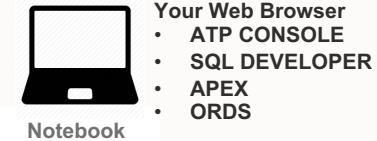
Converged Database Multicloud Workshop

ATPLAB: HOL4 - SQLplus queries to ATP (add-on not included this time)



Converged Database Multicloud Workshop

ATPLAB: HOL5 - ATP tooling



Hand-on Labs Breakout Rooms



Guillermo



Jesús



Oscar

Room 1



Iván

David Javier Juan Gabriel

Lizzeth Oscar Antonio Luis



Paula

Room 2



Stephane



Carlos

Alfonso Teresa Luisa

Roger Gregorio María Pilar

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