



Features Overview

PART 2/2

Site2Cloud

User VPN

FireNet

ThreatIQ with ThreatGuard

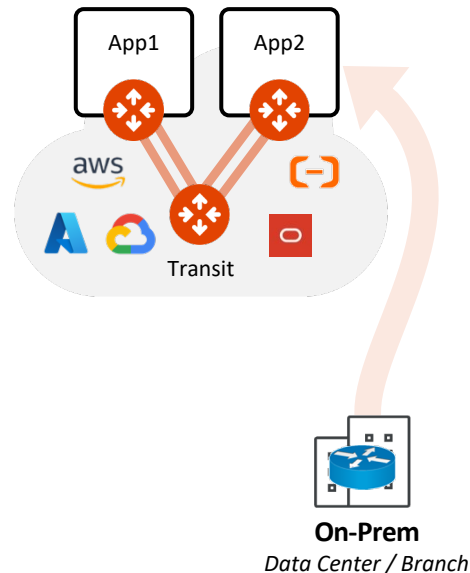


Site2Cloud (S2C)

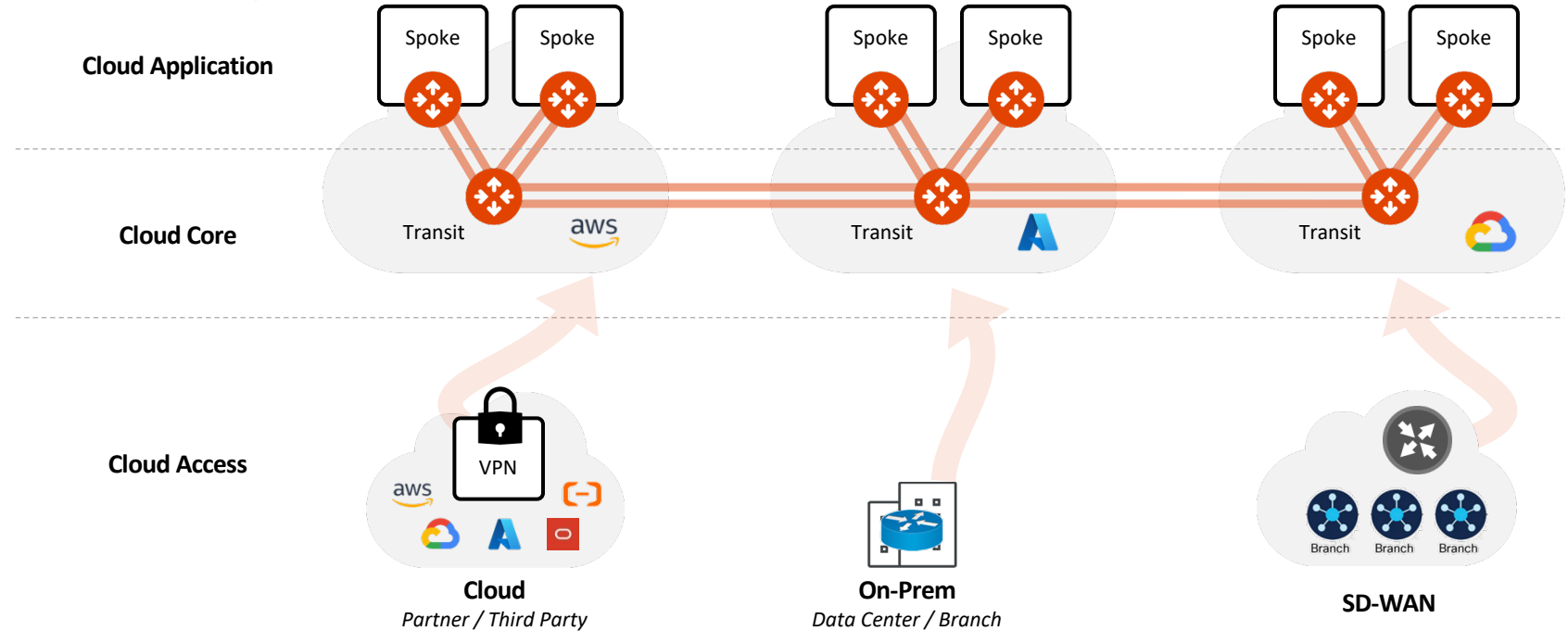
And Other Services to Connect to External Networks

Problem Statement

- **Applications live in the public cloud, but the consumers are mostly outside**
 - Branches, customers, partners, service providers, etc
- **Requirement to connect privately:**
 - Over public IPs with encryption (e.g. IPsec)
 - Over private IPs (DX/ER/CI/FC)
- **Challenges:**
 - IPsec deployment and day-2 operations (visibility, troubleshooting)
 - **Overlapping IP addresses** within the cloud or across clouds
 - Mergers and acquisitions
 - Autonomous line of business
 - Shadow IT

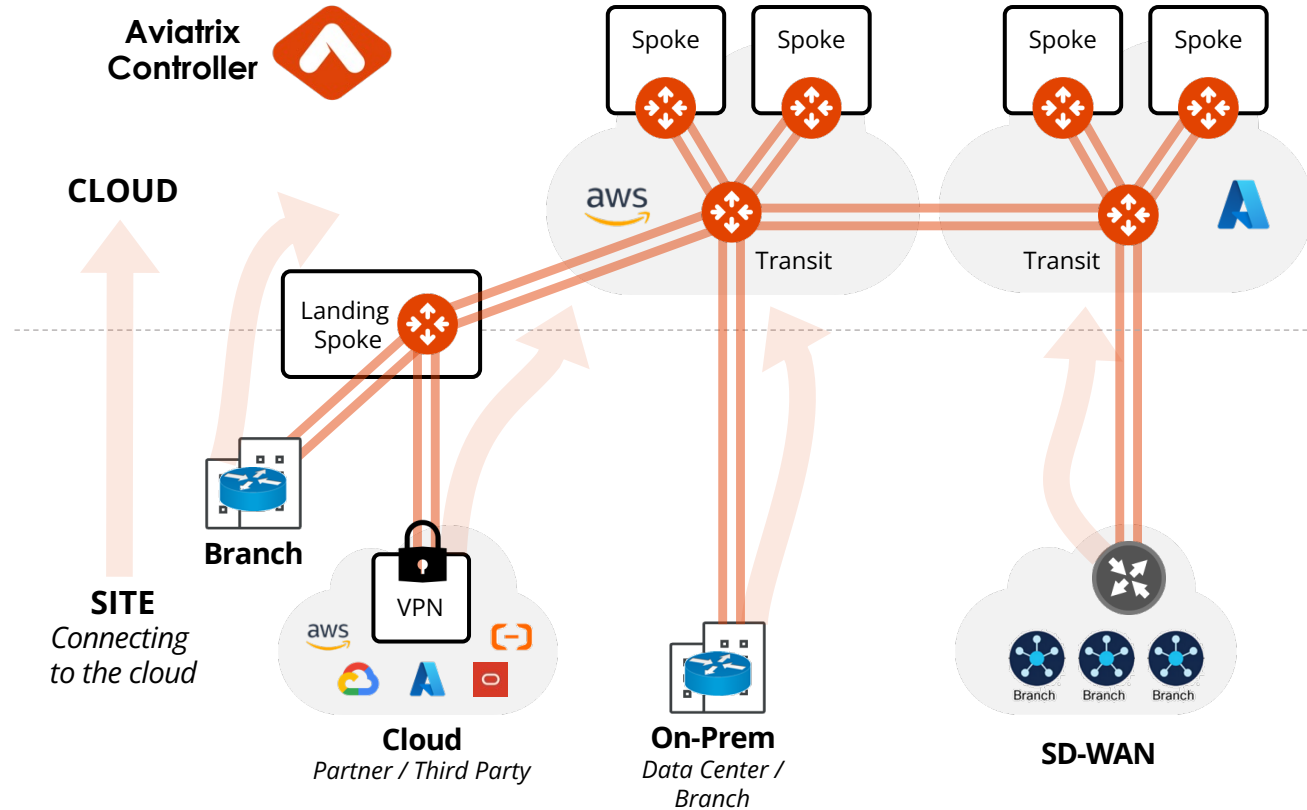


Aviatrix Multicloud Network Architecture



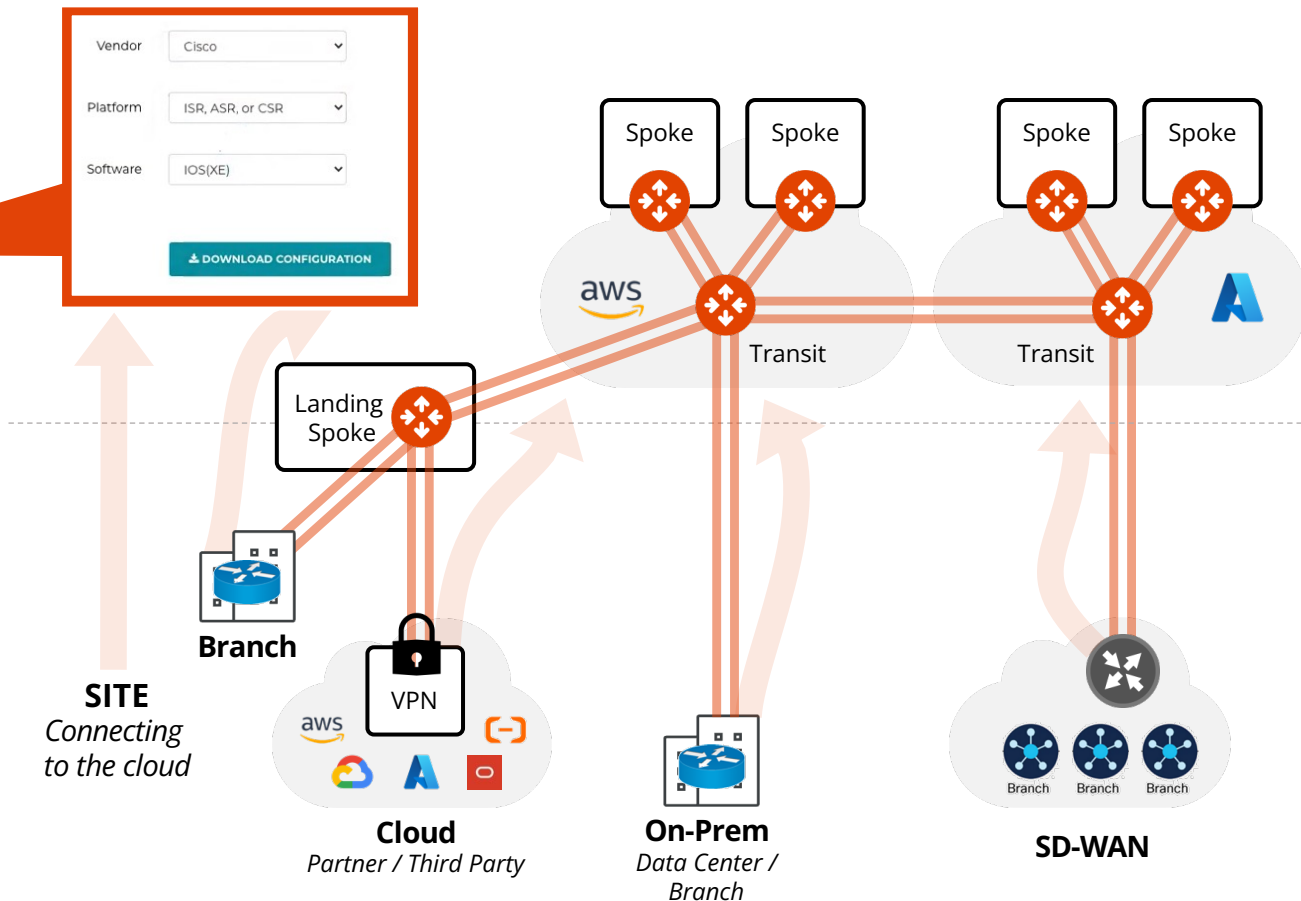
Site2Cloud Introduction

- IPsec connection to Public Cloud:
 - On-Prem DC
 - 3rd Party Appliances, SD-WAN
 - Branch
 - Clouds Native Constructs (VPCs/VNets/VCNs)



Site2Cloud Solution

- Easy to use and template-driven
- Built-in diagnostic tools
- Solves Overlapping IPs Challenges



Solution – SD-WAN integration with Aviatrix



- BGP based integration with SD-WAN cloud instances
 - BGP over IPsec
 - BGP over LAN
 - BGP over GRE
- Service chaining by inspecting traffic with Next Gen Firewalls
- Advanced Traffic Engineering and Filtering options
- All other Aviatrix benefits apply

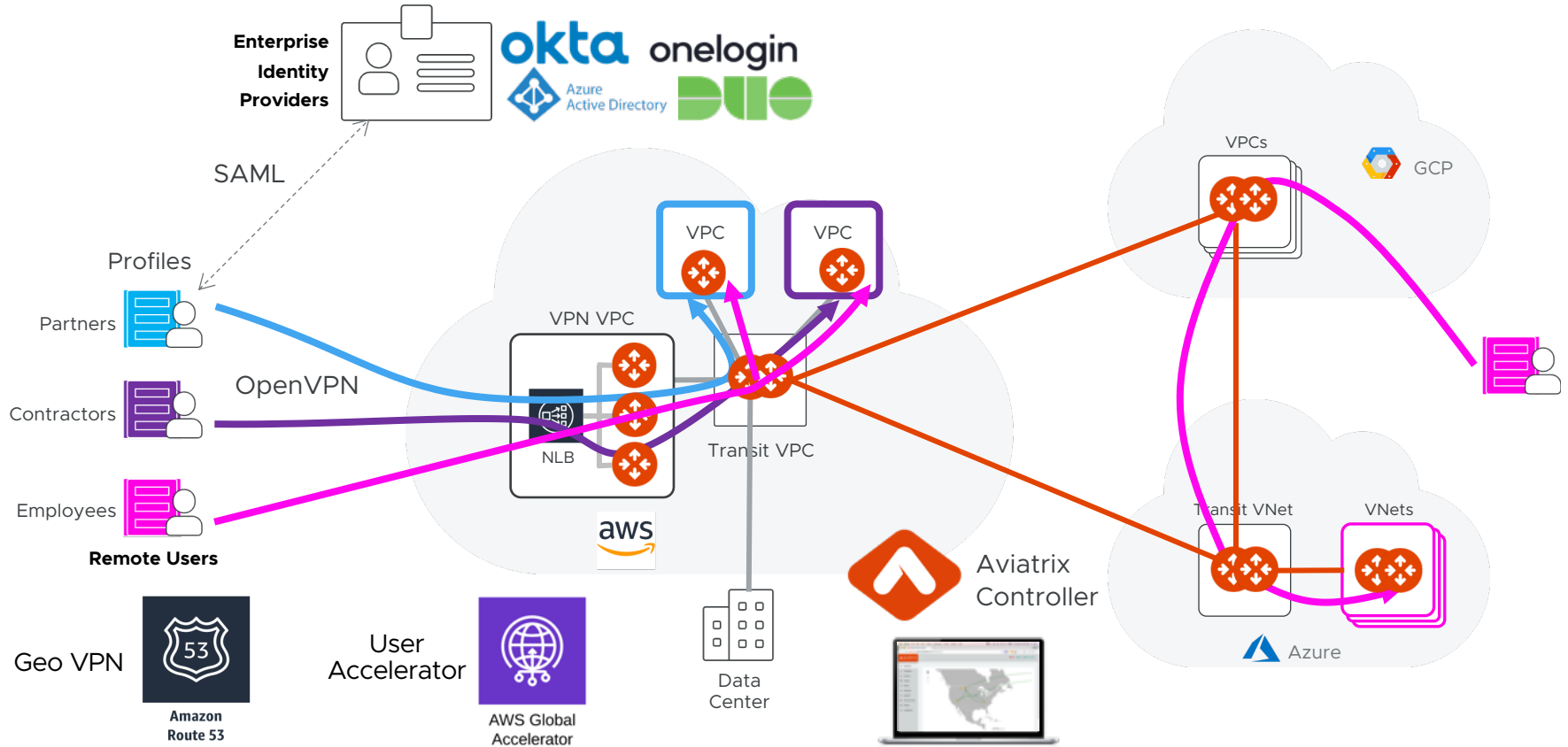




User VPN

Cloud Based Secure User Access

Solution – User VPN





FireNet (Firewall Network)

Firewall Insertion

Aviatrix Transit Firewall Network



Policy-based scale out, multi-AZ FW deployments



Automated route management, Segmentation and Connection Policies



Deep visibility and operational capabilities



Repeatable architecture, across regions and clouds



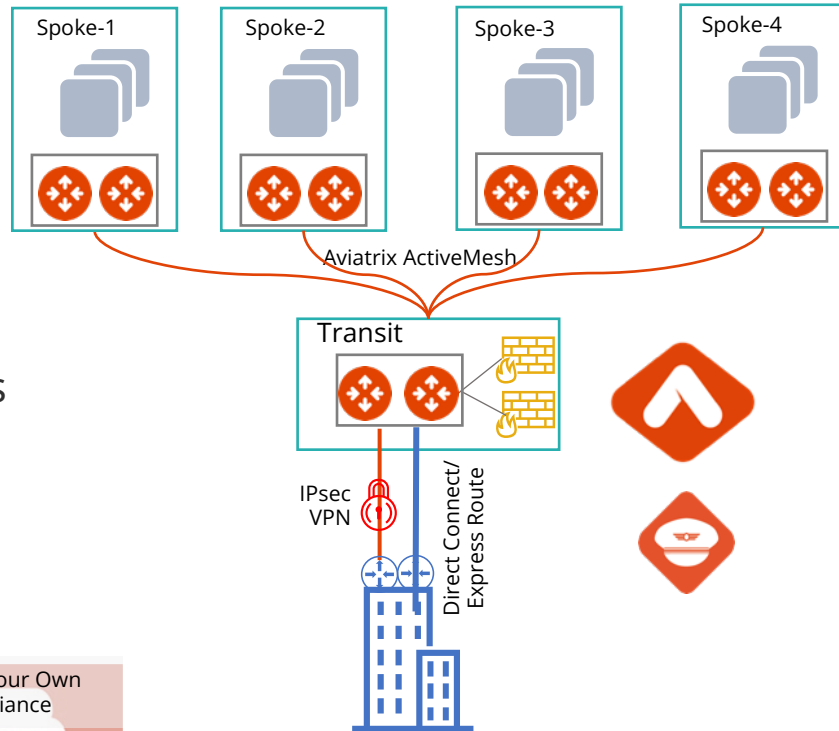
paloalto
NETWORKS



Check Point
SOFTWARE TECHNOLOGIES LTD

FORTINET

Bring Your Own
Appliance



Centralized Stateful Firewall



Strategic Advantage:

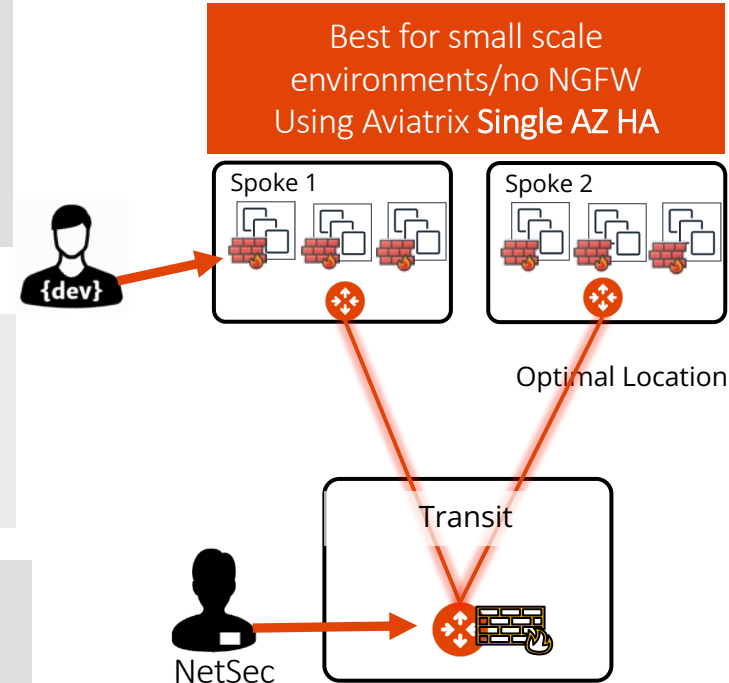
- Centrally placed L4 Stateful Firewall
 - Control traffic from VPCs to destinations like other VPCs/VNets/VCNs, Other regions, other clouds, On-Prem, internet etc.
- NetSec conveniently controls all transit traffic
- AppDev teams control instance security (intra-VPC/VNet)

Technical Details:

- Allow, Deny, Force Drop CIDRs, protocols and ports
- Tags (collection of CIDRs) simplify rule creation
- Best for single GW use cases supported by Single AZ HA

Operational Benefits:

- Aviaatrix Controller manages route tables and HA
- No additional component needed (LB, additional hop, etc.)
- Multi-Cloud – same rules and policies applicable in any cloud



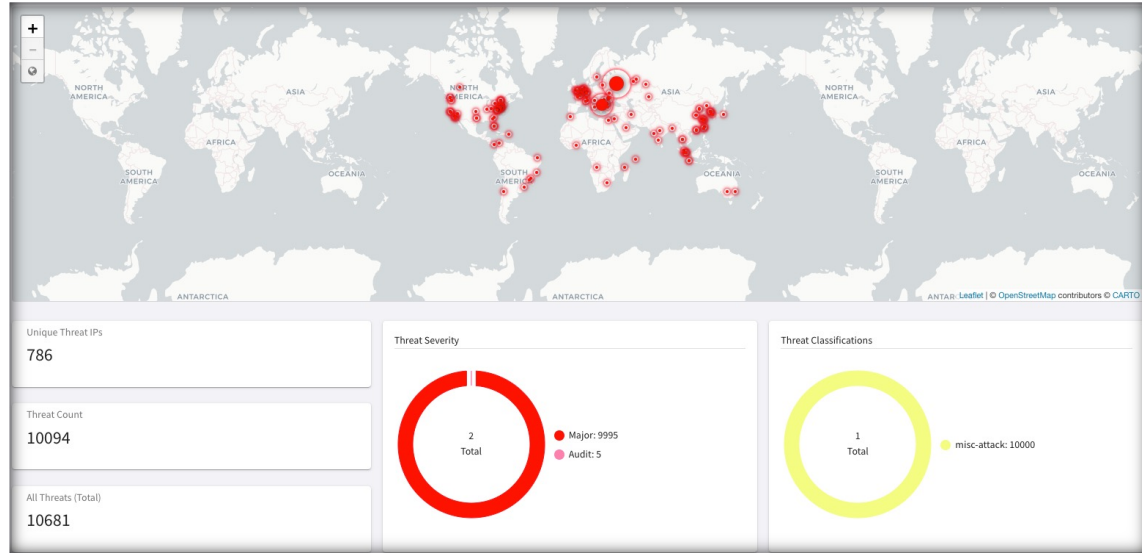


ThreatIQ with ThreatGuard

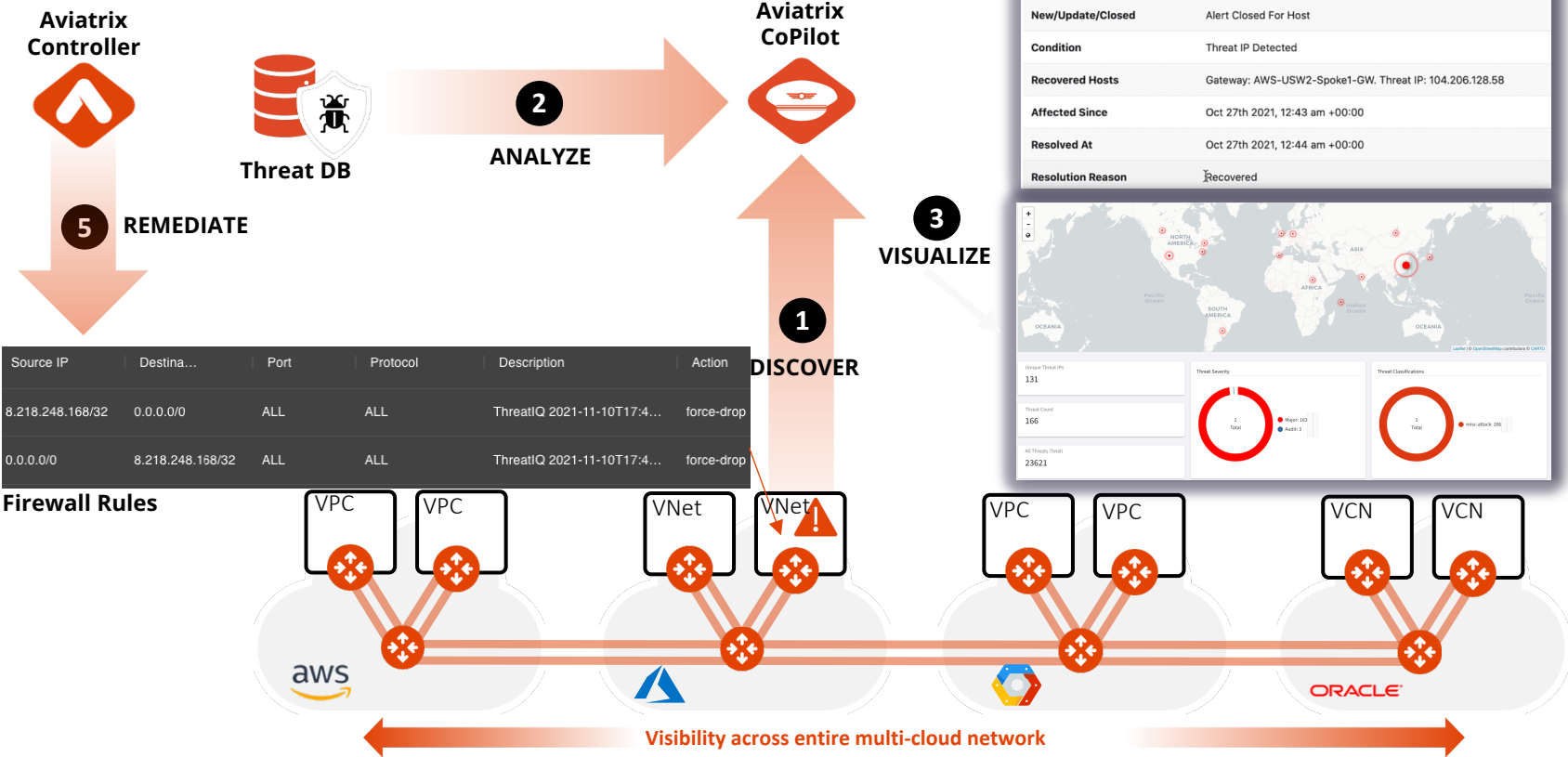
Identify and remediate Threats across Multicloud and Hybrid Networks

Solution – ThreatIQ with ThreatGuard

- Multicloud native network security to dynamically **identify, alert, and remediate potential threats** to known malicious destinations
- **Distributed threat visibility** and control built into the network data-plane at every hop
- Identify potential **data exfiltration and compromised host**
- **No data-plane performance impact**
- **Complementary security solution** with full multi-cloud support



Workflow





Next: Operations