



# Features Overview

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PART 2/2

Site2Cloud  
User VPN  
FireNet  
ThreatIQ  
Edge

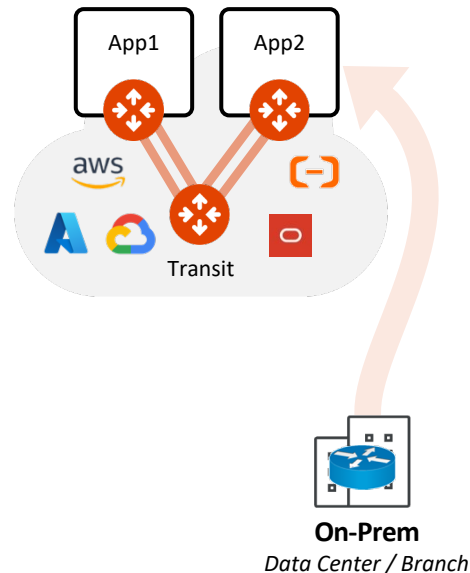


# Site2Cloud (S2C)

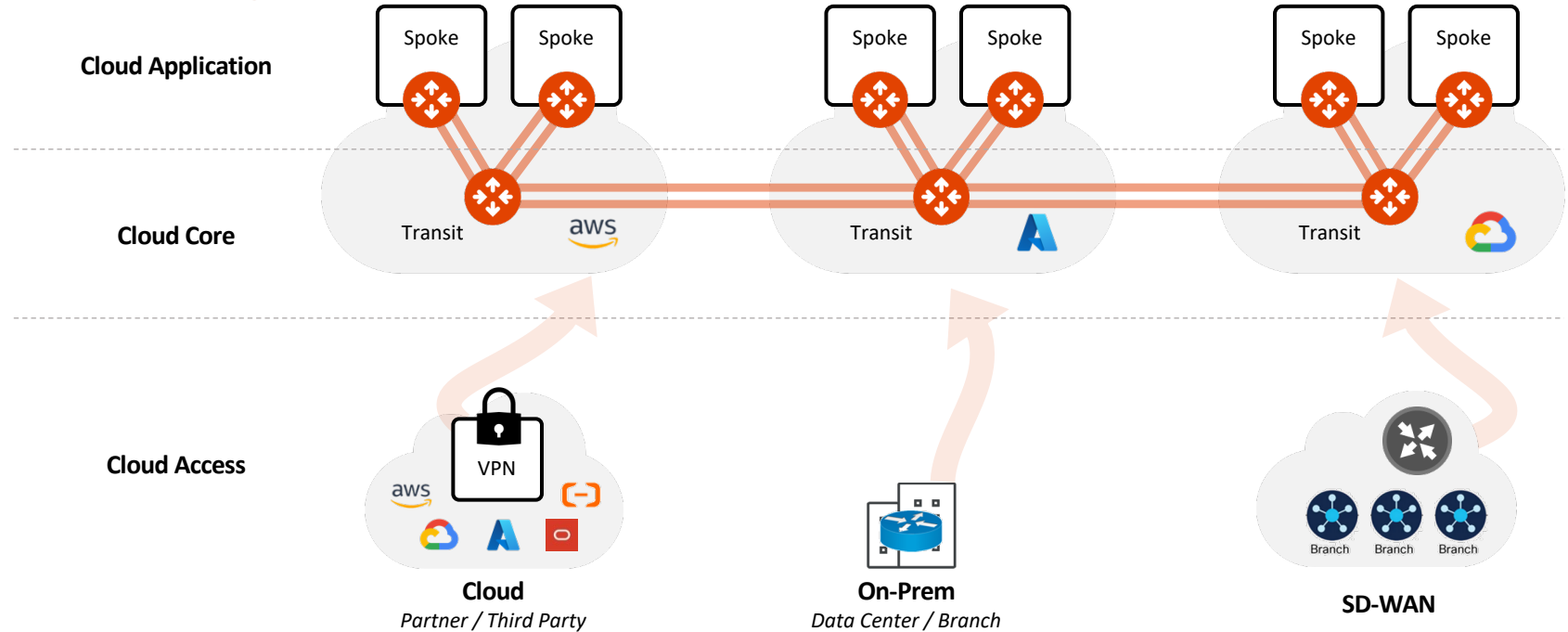
And Other Services to Connect to External Networks

# 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

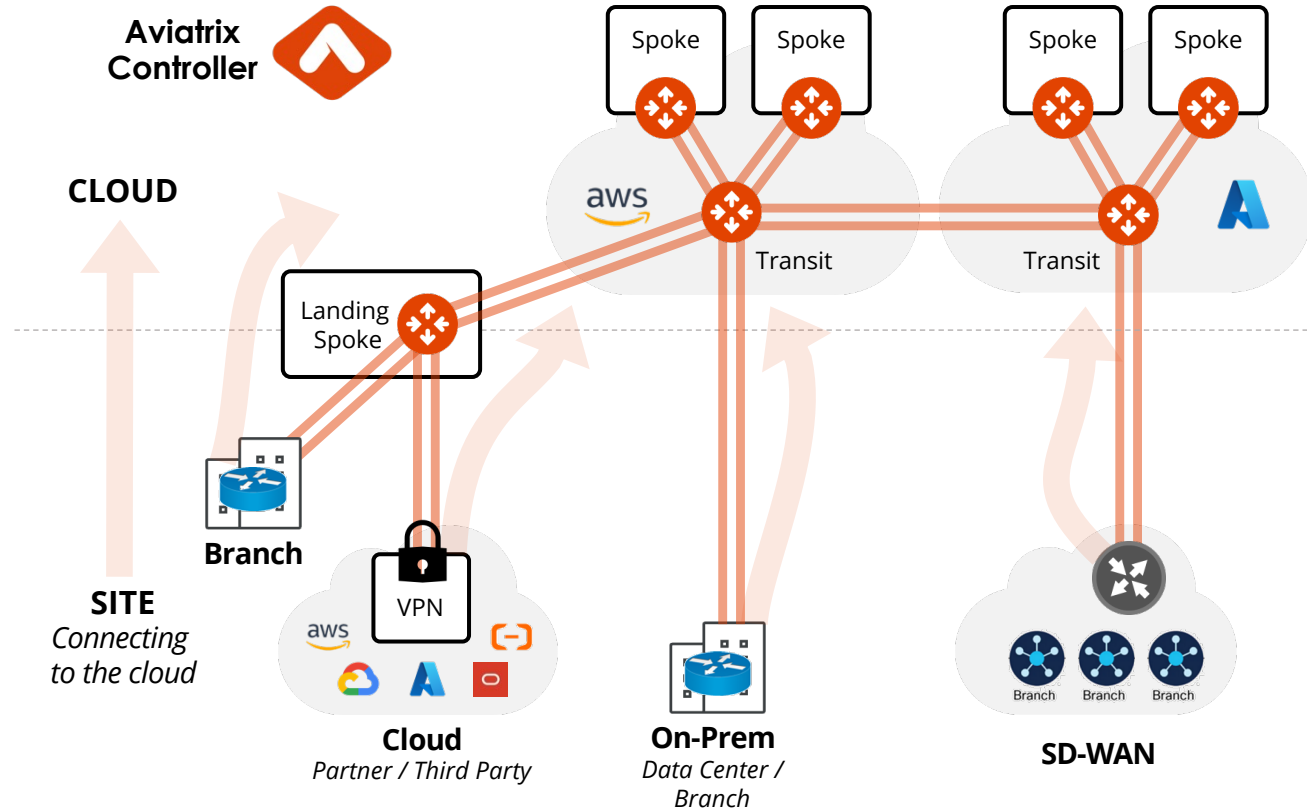


# Aviatrix Multicloud Network Architecture



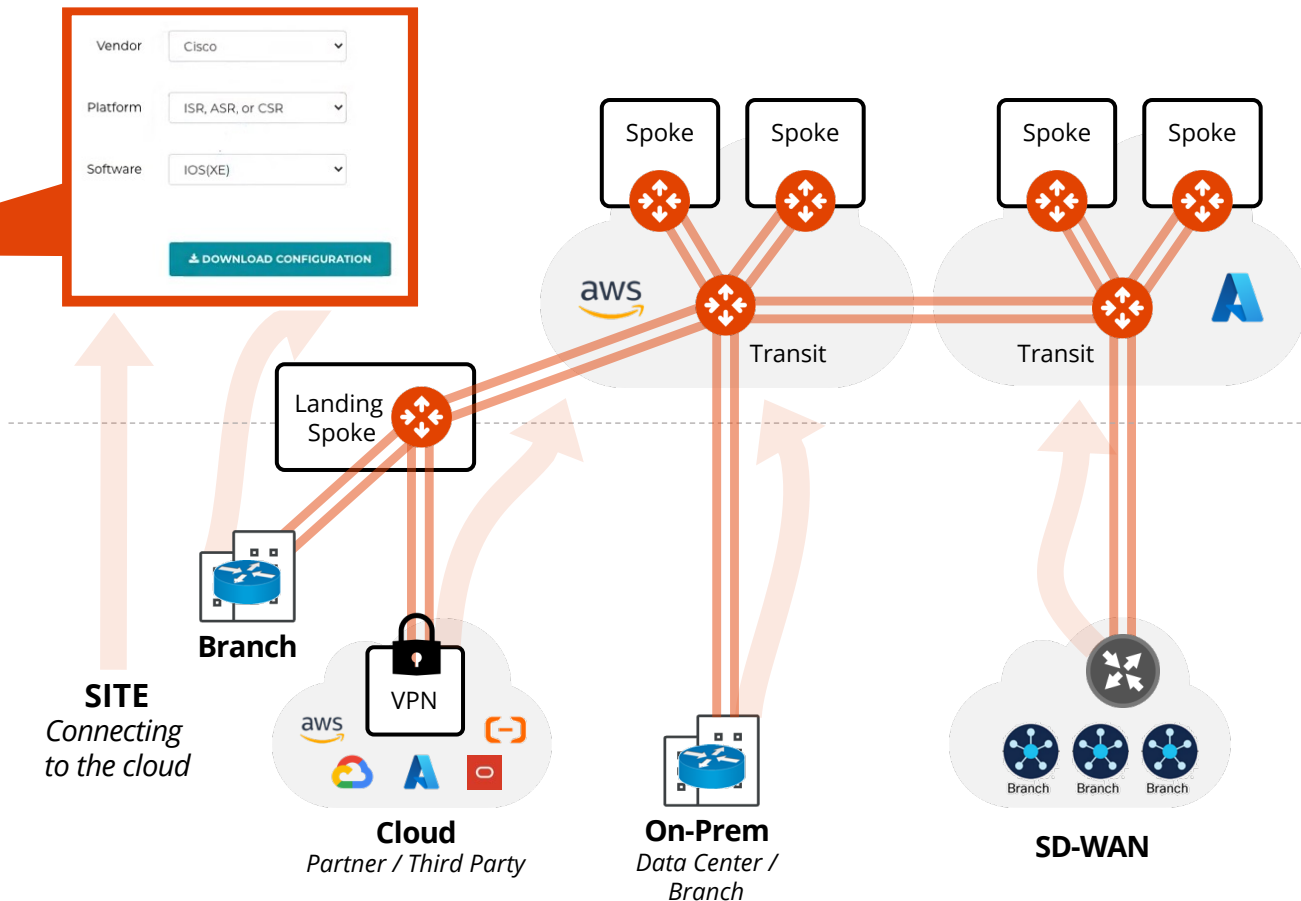
## Site2Cloud Introduction

- 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





# User VPN

Cloud Based Secure User Access







# 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



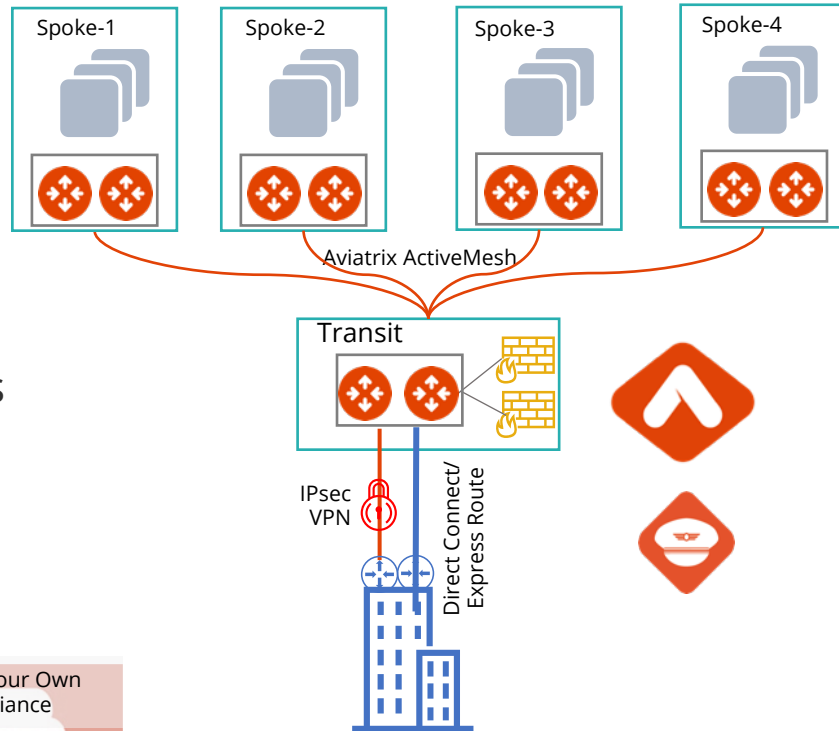
**paloalto**  
NETWORKS



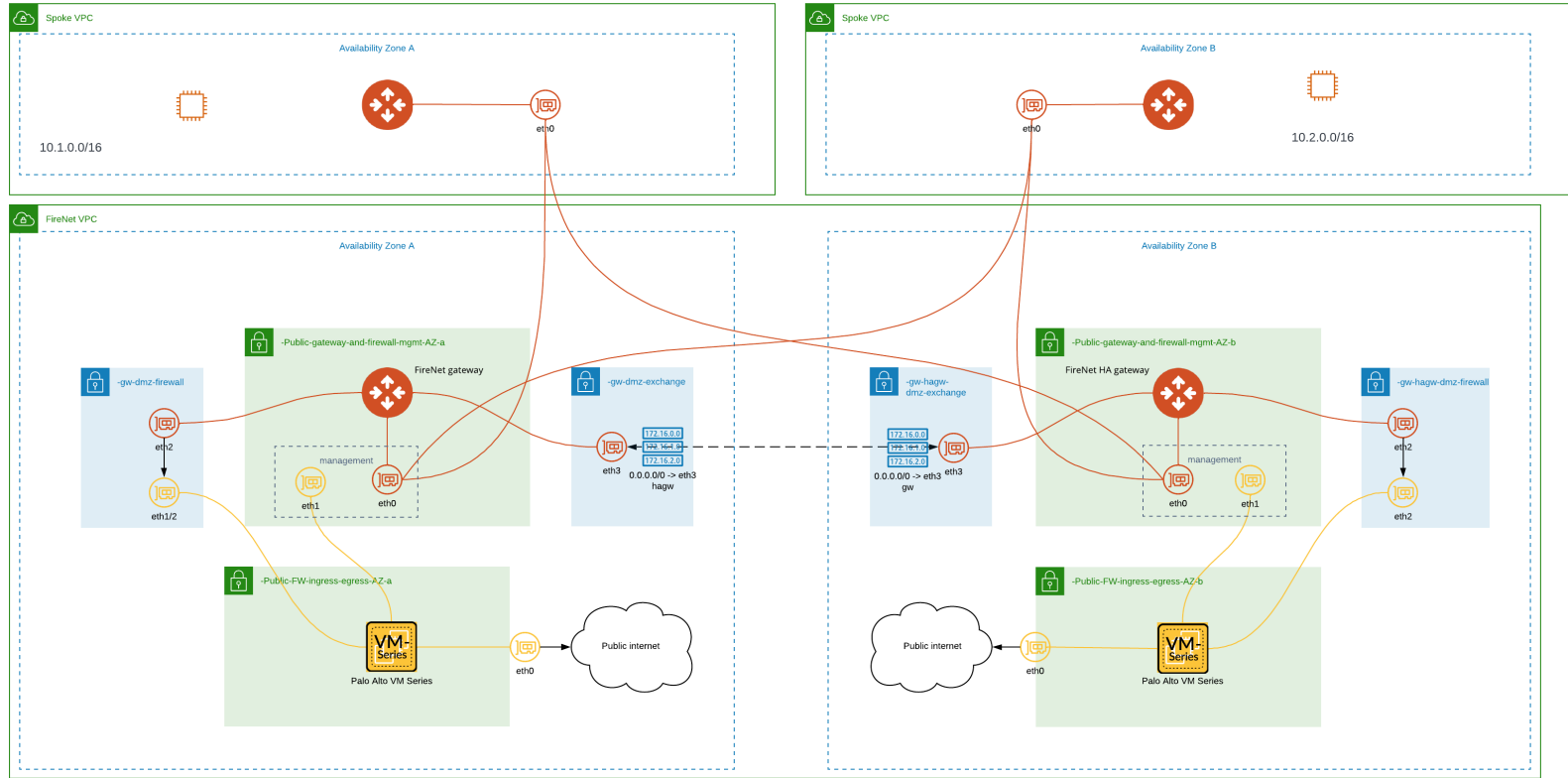
**Check Point**  
SOFTWARE TECHNOLOGIES LTD

**FORTINET**

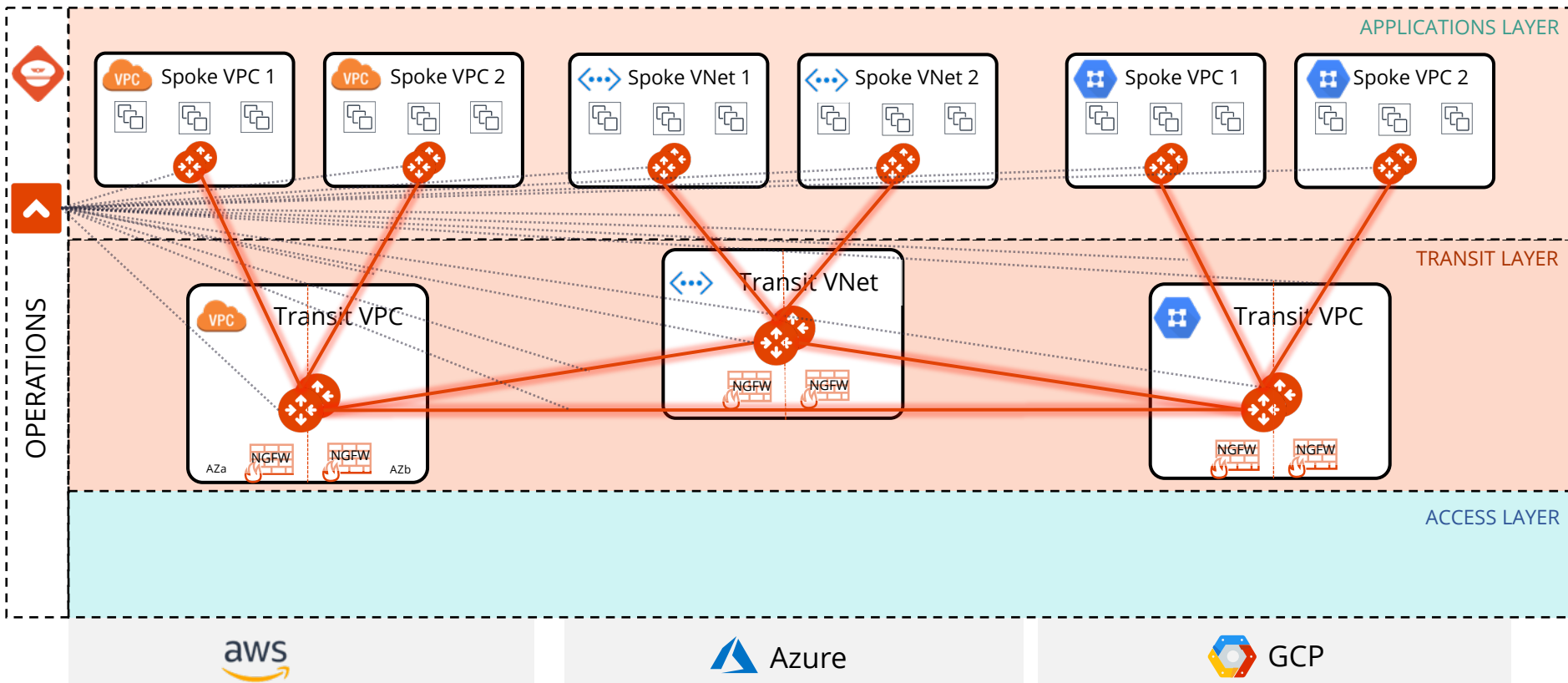
Bring Your Own  
Appliance



# FireNet – Under the hood



# Aviatrix Transit FireNet



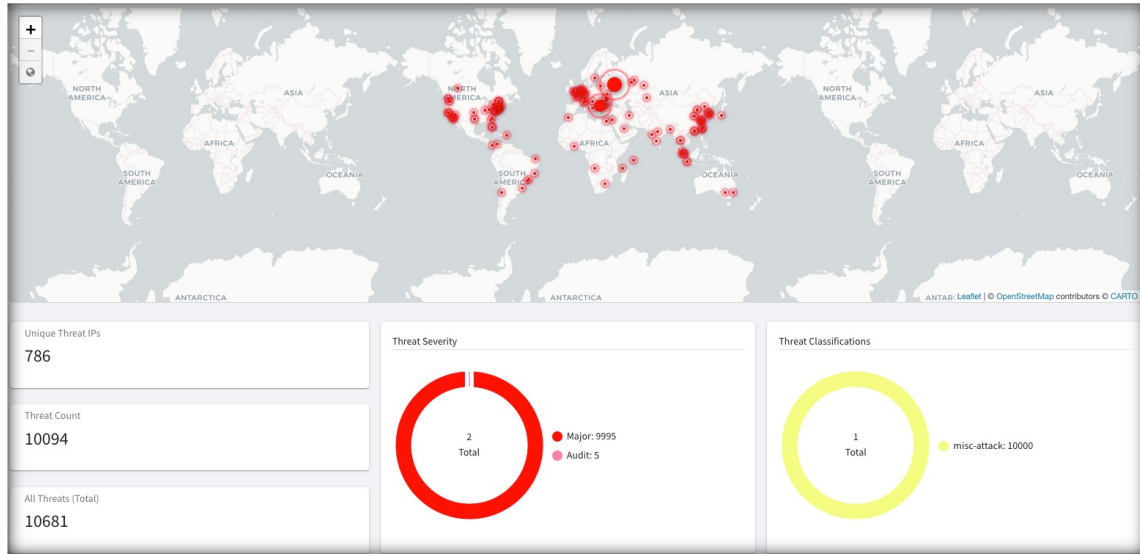


# ThreatIQ

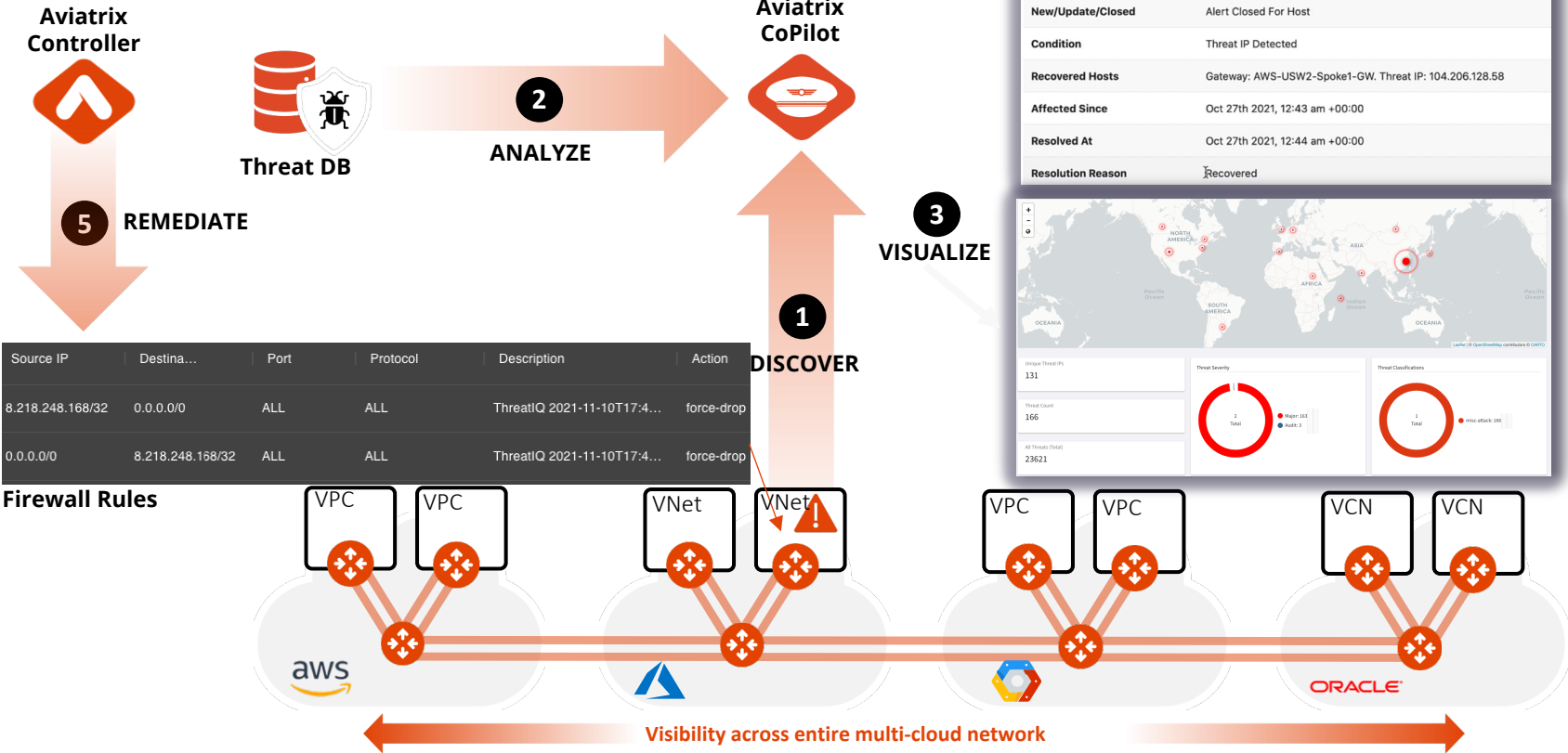
Identify and remediate Threats across Multicloud and Hybrid Networks

# 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







# Aviatrix Edge

# Introducing Aviatrix Edge

**The only multi-cloud native platform with enterprise-grade visibility and control for public cloud and the edge**

Aviatrix software in multiple form factors providing consistent network, security, and visibility to the edge.

Edge locations appear and behave as another VPC/VNET with spoke and transit capabilities.



**Cloud Out Architecture**



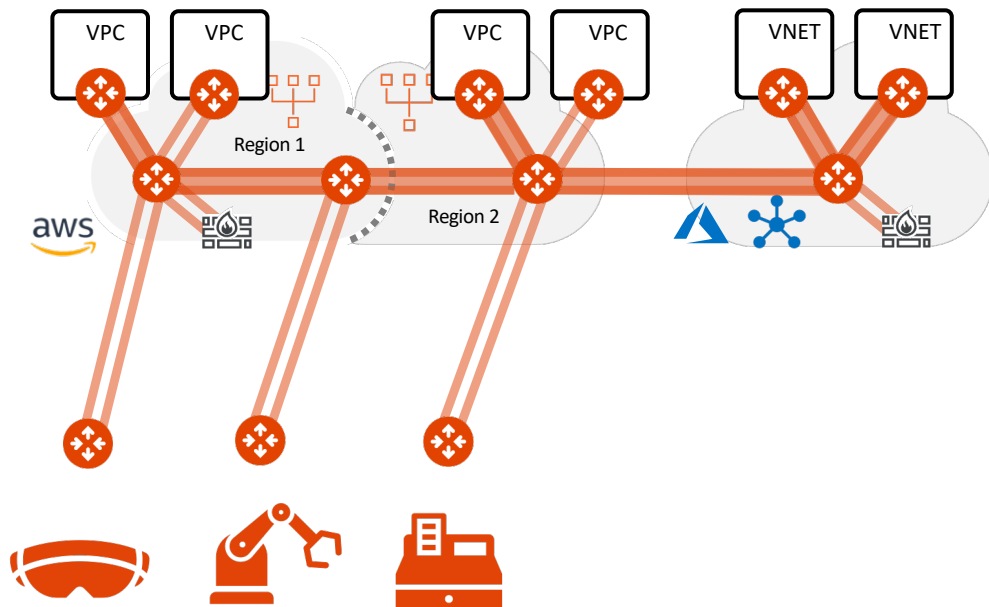
**Simplified Edge Management**



**Consistent Secure Edge**

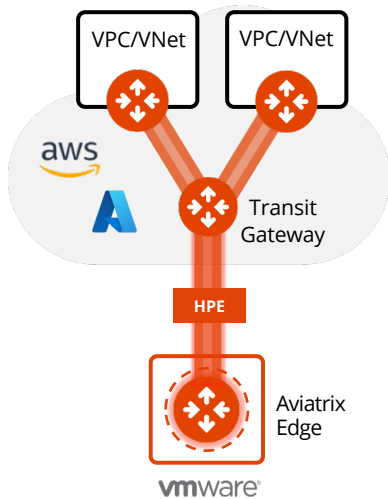


**Simplified Edge On-boarding**

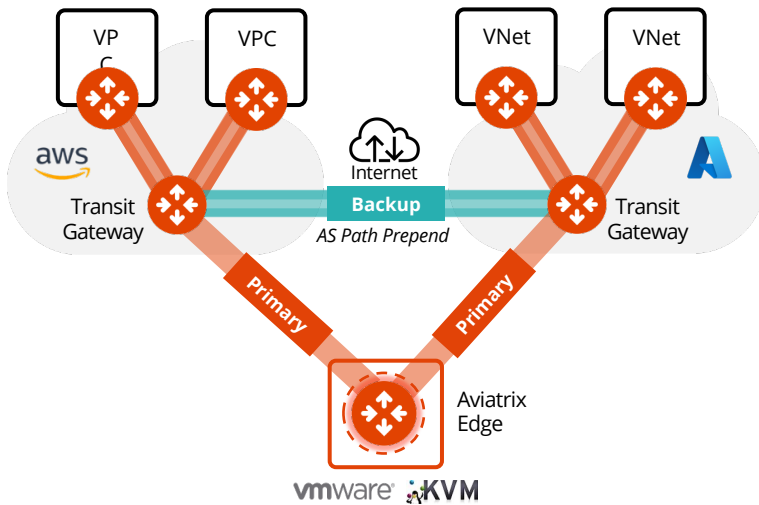


# Aviatrix Edge Use Cases

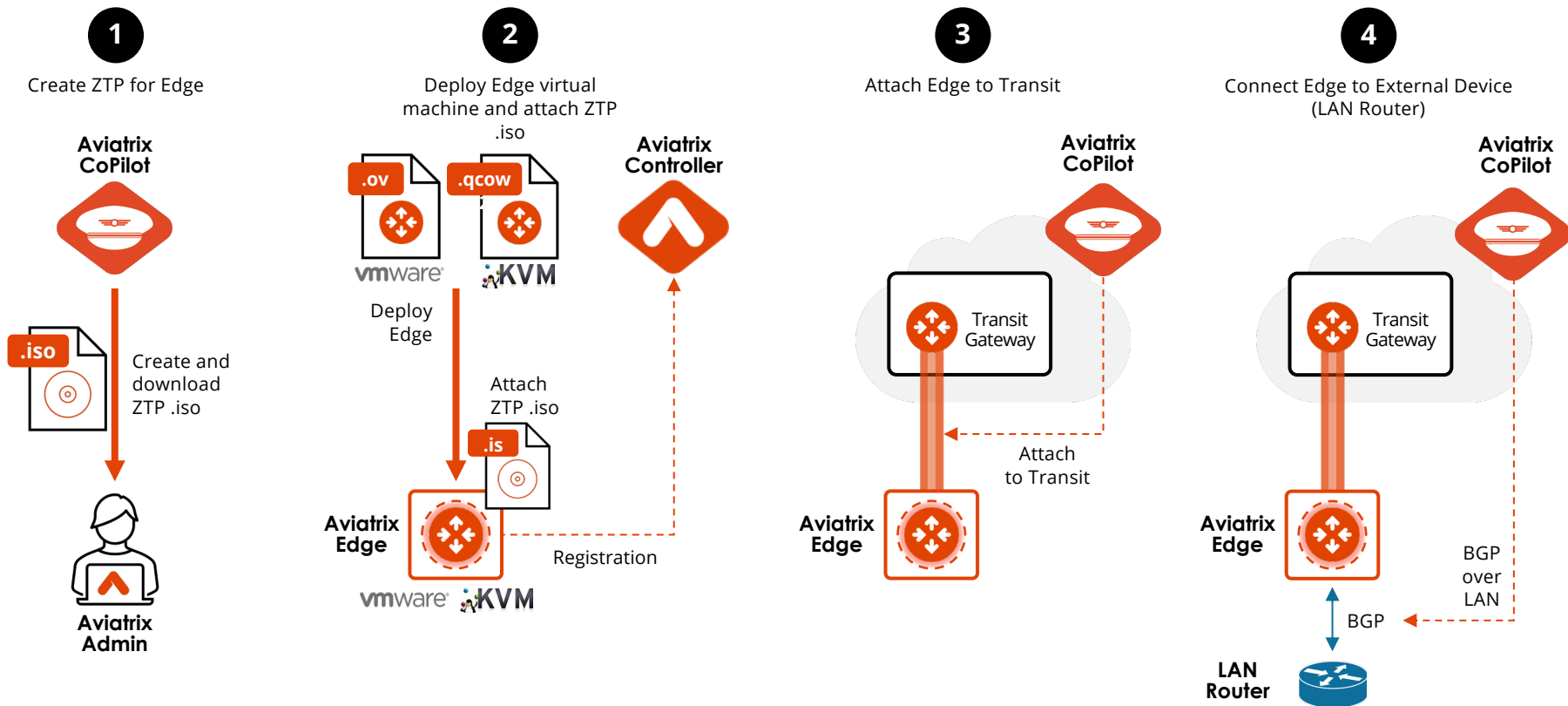
Extend the Aviatrix Platform to the Edge



## Multi-Cloud Connectivity via Aviatrix Edge



# Edge 2.0 Deployment Workflow - Demo





Next: UI Tour & Operations