

# Cisco Multicloud Fabric



## Overview

Every IT leader is facing a new reality: the business no longer operates within four walls. Applications live across multiple clouds, users connect from anywhere—home, branch, or on the road—and increasingly, AI agents are joining as a new class of users. On top of that, data is spread globally but must comply with strict regional sovereignty requirements. The network now has to serve a business that is everywhere, all at once.

The rise of AI workloads and Agentic AI is the forcing function accelerating this shift. A single AI request triggers multi-hop workflows that span multiple models, data lakes, and clouds. Each hop across these fragmented environments compounds latency and creates visibility gaps. In this distributed reality, you need more than just connectivity; you need an adaptive fabric that eliminates friction and scales with intelligent workloads.

Cisco Multicloud Fabric accelerates AI adoption by simplifying multicloud networking. It delivers a unified, secure global fabric overlay that connects sites directly to clouds and cloud to cloud, providing the intelligent control plane needed to optimize complex AI workflows across different public cloud including AWS, Azure, GCP, and hybrid environments.

This consumption-based platform replaces centralized cloud connectivity architectures with a distributed connectivity layer—delivering Zero Trust routing, integrated firewall service chaining, and embedded ThousandEyes visibility to help ensure your infrastructure is as responsive and scalable as the users and AI agents it serves.

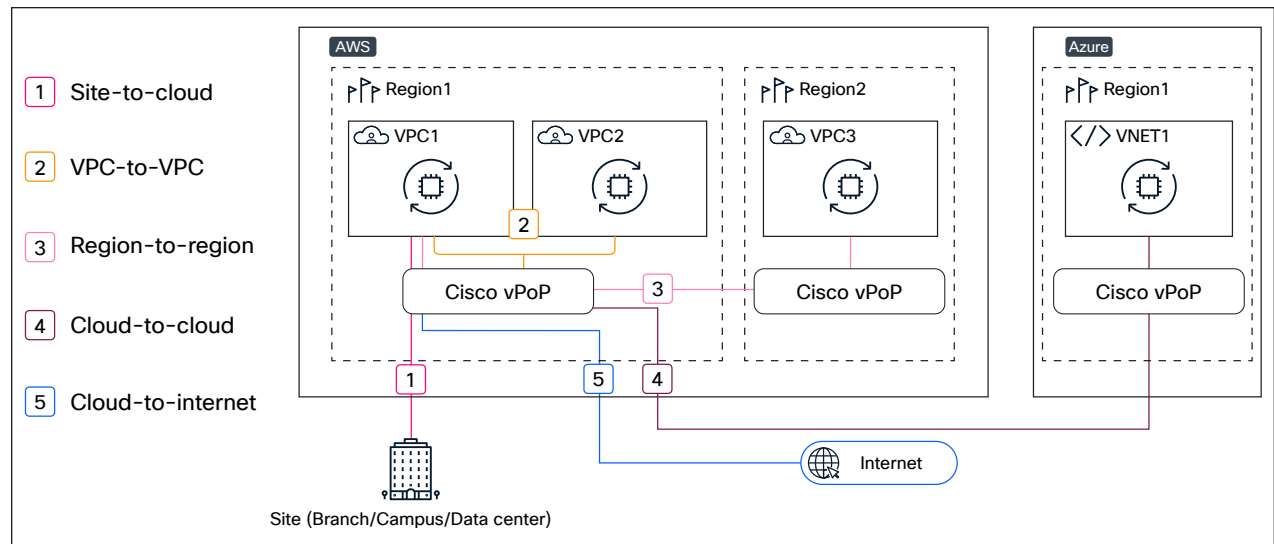


Figure 1. Cisco Multicloud Fabric: Accelerate AI adoption by simplifying multicloud networking

## Benefits

**Eliminate silos with unified multicloud operations:** Unify multicloud operations in a single platform. Empower your teams to move beyond fragmented operations, allowing them to focus on delivering applications.

**Scale multicloud connectivity with an on-demand fabric:** Connect sites and clouds in minutes with an instantly available, resilient, consumption-based global network. Distributed points of presence eliminate single points of failure across your entire infrastructure.

**Embed security and visibility into the network:** Replace bolted-on tools with zero-trust routing, integrated firewall service chaining, and embedded visibility. Gain deep insights and consistent protection from branch, campus, and data center to cloud, and cloud to cloud.

## What it does

**Cisco Cloud Control:** Manage your multicloud fabric from one cross-domain platform. Onboard VPCs and sites, manage policies, and monitor performance. Accelerate troubleshooting and resolution with AI-powered operations. Coexist with existing SD-WAN deployments.

**Cisco-operated virtual Points of Presence (vPoPs):** Connect instantly using virtual points of presence deployed across cloud providers.

Scale your infrastructure on-demand with our elastic routing fabric—all operated by Cisco.

**Built-in cloud security and end-to-end visibility:** Enforce Zero Trust routing, identity-based segmentation, service-chain to Cisco or third-party firewalls, with embedded ThousandEyes. Deliver consistent security posture and end-to-end visibility across every site and cloud.

## Learn more

Move beyond the complexity of fragmented cloud environments. Deploy a resilient, on-demand multicloud fabric that scales effortlessly with your business demands. [Sign up for beta program](#) and reach out to your Cisco account team for a custom demo.

Learn more at [Cisco Multicloud Fabric solution](#).