



IP Fabric | Cloud

The success of cloud projects depends on ensuring a continuity of visibility and understanding between networking and cloud teams. IP Fabric introduces a single view for the network in a multi-cloud world.





Your Challenge

So, you're facing an upcoming cloud migration, or cloud application rollout, and you're wondering how you'll maintain connectivity throughout.

You shouldn't have to sacrifice visibility or security as you move to a hybrid network environment.

There's also likely a gap in knowledge, skills, and tooling between your cloud and networking teams, which slows progress and breeds disharmony.



Our Solution

IP Fabric analyzes private cloud networks (AWS VPCs and Azure Vnets) to understand how they are constructed and connected with on-prem networks. This data is mapped and modelled automatically, and the interactive visualization of your network is easily shared.

Our Assurance platform bridges the gap between your networking and cloud teams, offering a common language through which they can collaborate.



Benefits

- Support for a multi-cloud approach
- Clear visibility into your hybrid cloud network
- Proactively protect your cloud connectivity
- Ensure seamless cloud security

01 **Visibility into your hybrid network**

This understanding is delivered to you in a detailed network model and consolidated topology maps.

02 **Proactively Protect Cloud Connectivity**

IP Fabric runs intent check verifications and flags inconsistencies across your entire network environment, avoiding cloud connectivity issues before they arise.

03 **Ensure Cloud Security**

IP Fabric's security model supports security policy enforcement on-premises and in the cloud networks themselves.

Security groups and ACLs are considered in any simulated path lookup to validate that application traffic can flow between endpoints exactly as you intend it to.

04 **A multi-cloud approach**

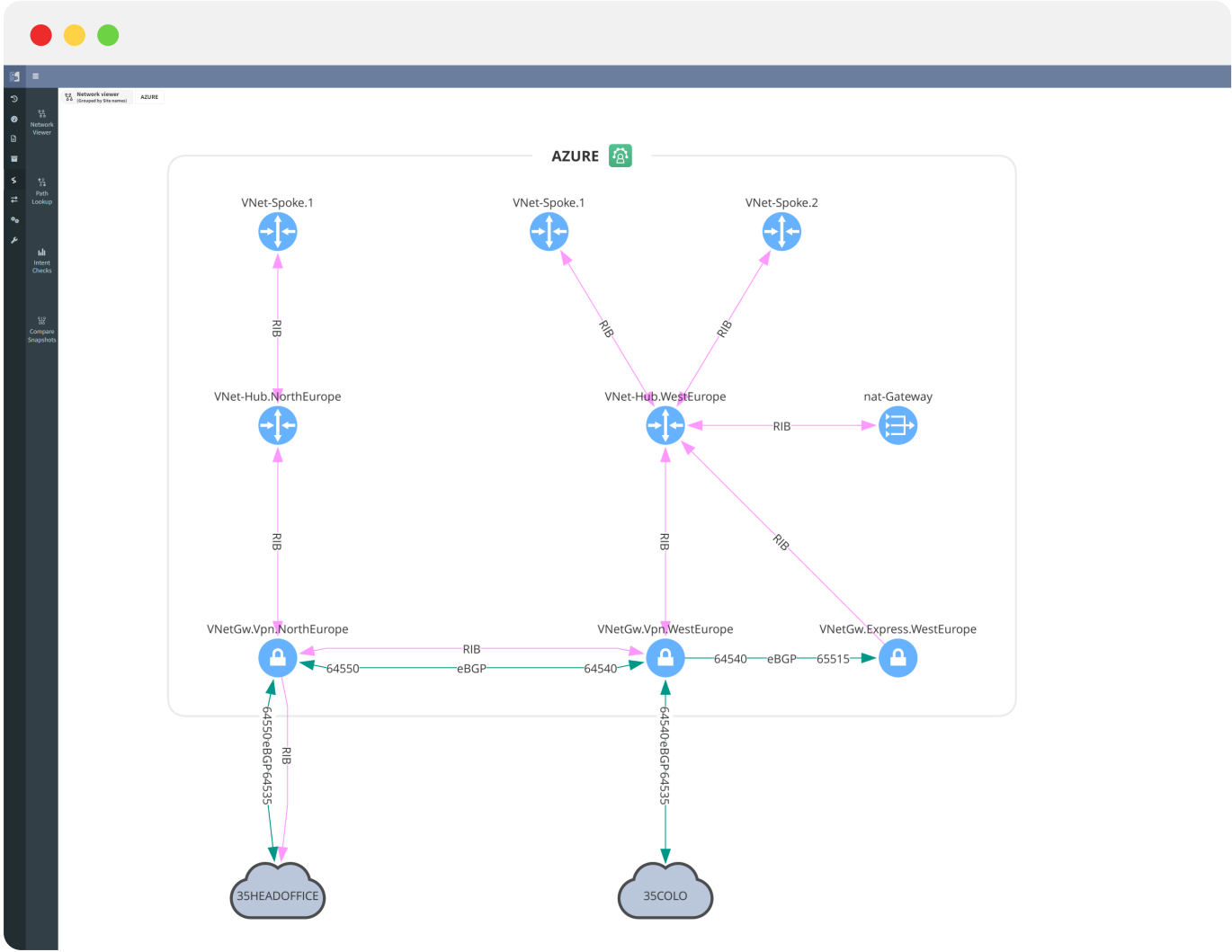
Complex enterprises build applications using multiple cloud vendors, for resilience and availability's sake, but also to take advantage of best-of-breed application services.

IP Fabric has support for Amazon's AWS and Microsoft's Azure platforms with support for Google Cloud soon to follow, making your multi-cloud environments seamless. See connectivity across your multi-cloud network with ease.

05 **Team Cohesion through Data Democratization**

Traditional network engineers may not easily adapt to a cloud team's subject knowledge, skill sets, and tooling environments, causing friction across projects.

Democratizing access to critical network intelligence can break down the barriers between your cloud and networking teams. Harmonious, happy teams lead to secure and efficient networks.



What's the world saying?

72%

- of IT decision makers say that their organization is defaulting to cloud-based services when upgrading or purchasing new tech capabilities.

SOURCE: Foundry Cloud Computing Report 2022

96%

- of IT decision makers have experienced significant challenges to implementing their cloud strategy.

SOURCE: Foundry Cloud Computing Report 2022

88%

- of research respondents believe that on-prem network teams must have visibility & input into cloud design. This is a best practice.

SOURCE: EMA Report 2021

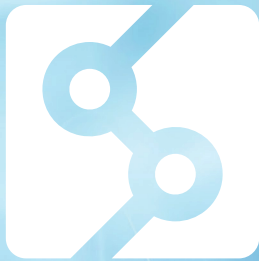
78%

- of organizations said their DC network automation tool must be extensible to the public cloud for network orchestration across both environments.

SOURCE: EMA Report 2022

More resources

- ➔ [#CommunityFabric 4: Networking in a Multi-Cloud World](#)
- ➔ [#CommunityFabric 5: Automating Cloud Networks](#)
- ➔ [EMA Research Report: The Future of Data Center Network Automation](#)
- ➔ [EMA Research Report: A House Divided: Dysfunctional Relationships Between Network and Cloud Teams Put Cloud Strategies at Risk](#)



About **IP Fabric**

IP Fabric is solving Network Assurance for large enterprises by creating a digital twin of the entire network infrastructure, containing information about every technology and protocol, and capable of simulating forwarding and security scenarios. IP Fabric's network model is also used as a Network Source of Truth for network automation initiatives, serving as an API for the entire network. IP Fabric was recognized by Gartner as Cool Vendor in Network Automation for 2022.



Don't take our word for it and try our

Self-Guided Demo

Discover for yourself how you can increase your network's visibility and maximize your time efficiency.



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