



IP FABRIC



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.



Challenge

Up-to-date, trustworthy documentation is an essential but often unrealistic goal. It takes a lot of your team's time, it's prone to human error (which causes more errors down the line, when your engineers are working off inaccurate documentation), and by the time you hit "save", something has changed, and it's no longer up to date.



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

- Clear visibility into your hybrid cloud network
- Support for a multi-cloud approach
- 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 cloudbased 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



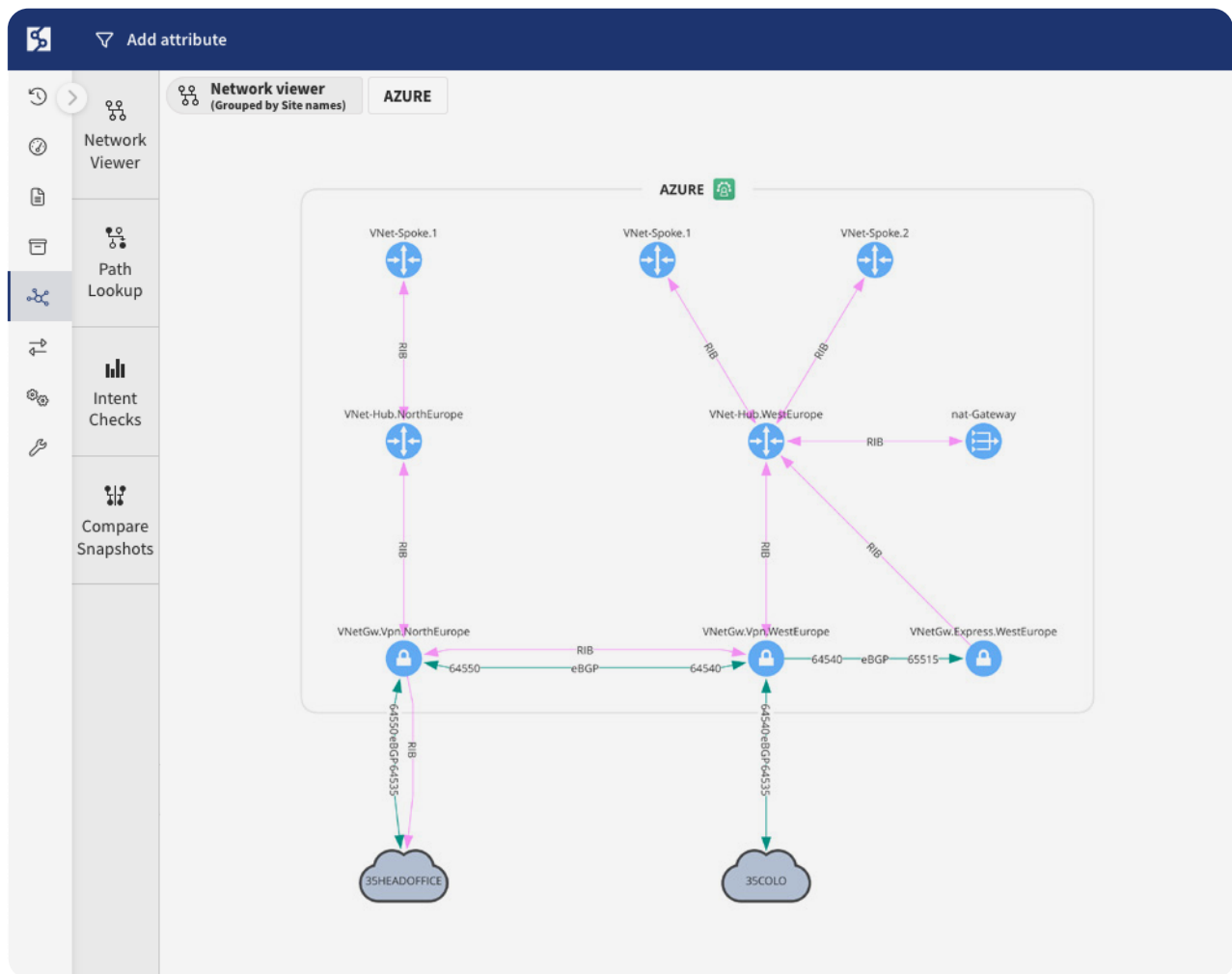
78%



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

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More Resources

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



About IP Fabric

IP Fabric is a vendor-neutral network assurance platform that automates the holistic discovery, verification, visualization, and documentation of large-scale enterprise networks, reducing the associated costs and required resources whilst improving security and efficiency.

It supports your engineering and operations teams, underpinning migration and transformation projects. IP Fabric will revolutionize how you approach network visibility and assurance, security assurance, automation, multi-cloud networking, and trouble resolution.



Don't take our word for it

See how assurance can transform your approach to network management.

[Access the demo](#)



Support & Documentation
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