IP FABRIC
AUTOMATED NETWORK ASSURANCE PLATFORM

IP Fabric | wework

WeWork delivers the “workplace of tomorrow” with a future-focused network approach

Gartner
COOL
VENDOR
2022

IP Fabric | wework

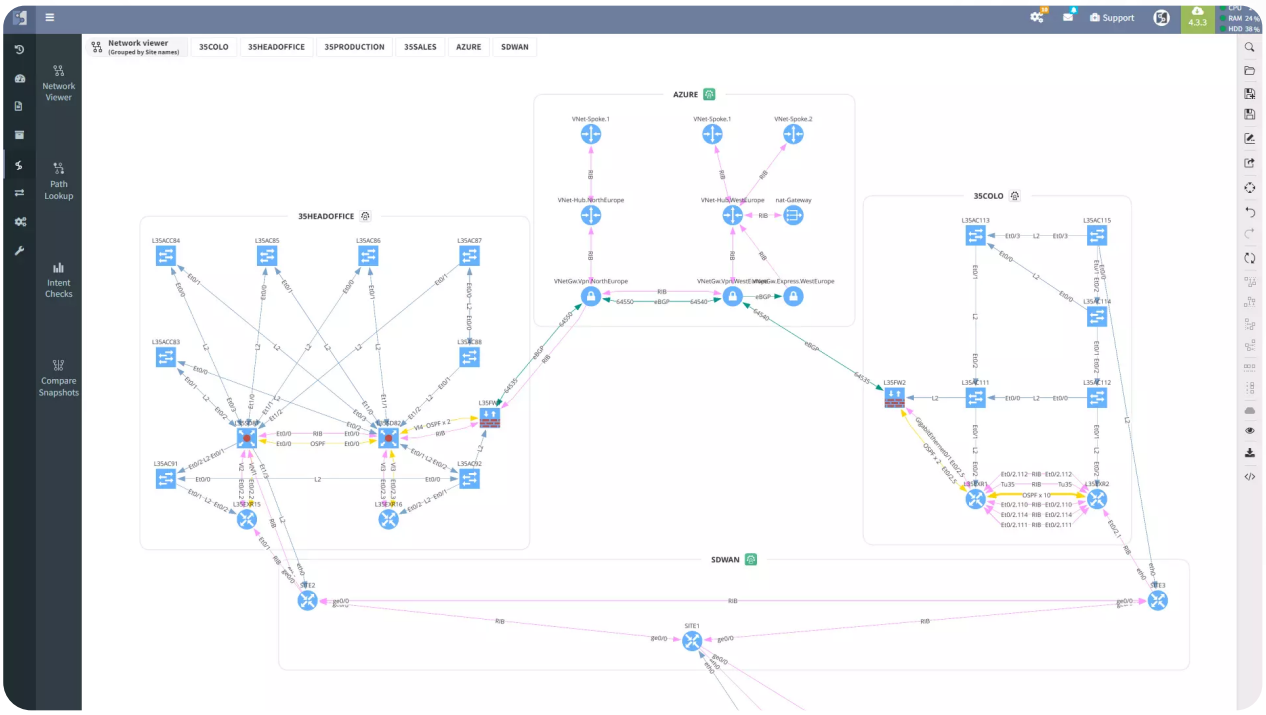
A dynamic industry demands a network that can keep up

Leaders in modern-day hospitality, WeWork provides comfortable and functional workspaces to professionals in 151 cities across the globe. They must provide a consistent experience at all their locations to deliver this core service. To this end, a dynamic, geographically dispersed, resilient network underpins their mission.

With continued macro-strategy innovations (such as moving toward a cloud-native environment for firewall and routing functions), granular visibility and contextualized network insights are essential resources for WeWork network engineering teams.

The implementation of IP Fabric's Automated Network Assurance successfully streamlined processes and improved network operations.

> *We were looking for something that enabled proactive strategy rather than reactive tactics, and IP Fabric filled that space.*
>
> — **Luke Richardson**
> *Network Architect, WeWork*



Eliminate the risks around network change

Challenge

A chief concern for WeWork's network teams is to meet the demands of their growing user base by continuously modernizing their network, with a long-term project being the transformation of their on-premises data centers to the Cloud, and the refreshing and consolidation of their data centers to prepare for this. Any network change carries risk, but this is especially true for large, multi-vendor enterprise networks, where outages would directly affect the end user very quickly.

This risk increases when teams can't easily validate the current state of their network, which is required for WeWork to have end-to-end observability of their network estate.

Our Solution

Automated network assurance automatically discovers network data across vendors, giving WeWork everything they need to properly audit the network before making a change.

It's not just data that your teams have to spend time analyzing, but rather automatically modeled in flexible topology maps so the effect of changes on the entire network can be easily understood. This consumable data is then easily shared with whichever team needs it, unlocking network knowledge across the organizations.

Benefits

- Eliminate manual discovery, documentation, diagramming, and modeling efforts
- Avoid manual errors
- Save time
- Strengthen your observability ecosystem with contextualized data

> *We have an excellent monitoring tool, Zabbix, but using IP Fabric gives the needed context to help complete that observability ecosystem.*
>
> — **Luke Richardson**
> *Network Architect, WeWork*

> *Having a tool like IP Fabric is perfect for assisting in our network transformation journey. The auditing of network integrity and security compliance is helpful to give us granular insights to make decisions from a strategic, proactive perspective.*

Regular validation with intent checks

Challenge

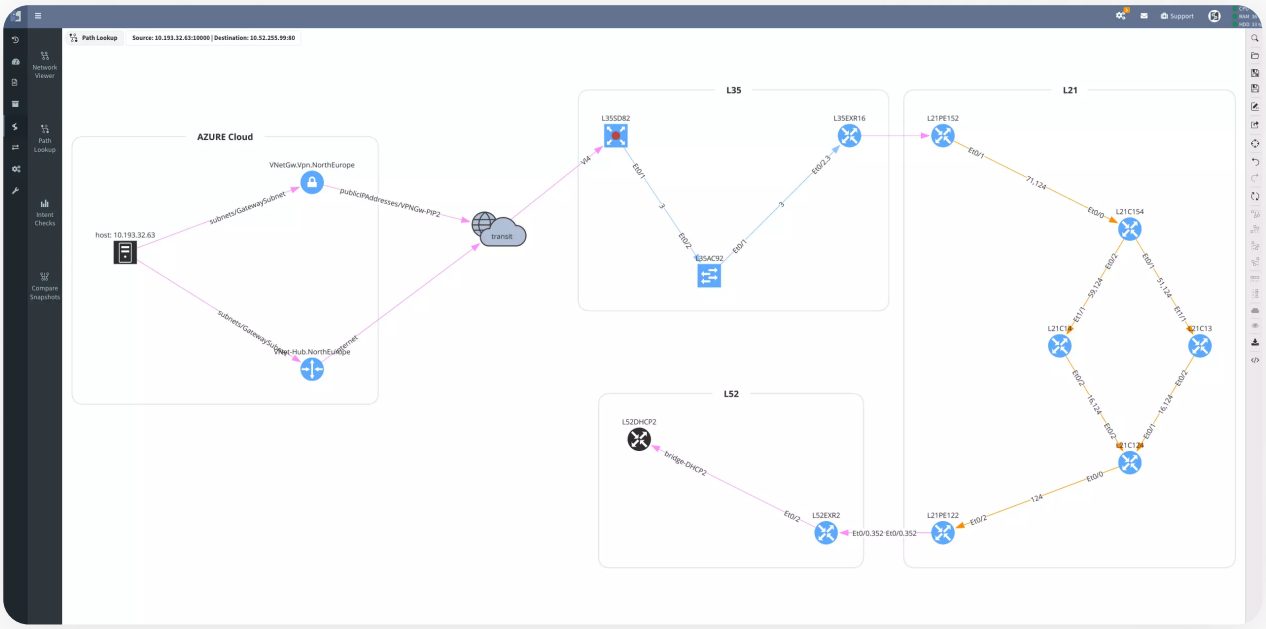
WeWork needs to ensure their golden standard firewall configurations are implemented everywhere in the network. With different automation scripts and playbooks pushing these configurations throughout the network globally, there's a need to validate that they are in fact implemented and operating as intended.

Our Solution

IP Fabric comes with over 150 intent verification checks out of the box, and users can add custom intent checks as they need. The day after pushing their golden firewall configs globally, WeWork uses IP Fabric to validate the actual state of their network using intent checks; any instance where the network state does not align with intent is flagged for the network team, so they know exactly what has gone wrong and where.

Benefits

- Fast resolution of misconfigurations post-change
- More secure network environment
- On-demand validation that the network is operating in line with intent



Data that everyone can use

Challenge

There is a lot of time and effort overhead involved in every trouble ticket raised, even to simply access information across teams. This can create frustrations between teams and make incident resolution much slower. Not only does this impact the day-to-day operations of different teams within your organization, but the overhead required can impact overall business metrics as an enterprise network becomes more complex and distributed.

Our Solution

The IP Fabric platform is designed for data to be actionable; the goal is to make data useful not just for networking teams, but for anyone in the organization who could benefit from network insights. Therefore, all the data from regular network snapshots is normalized and shareable.

For example, the availability of ARP and MAC data from network devices in IP Fabric standardized tables is hugely useful to NOC engineers to understand what device is plugged into what port on the network.

Benefits

- Non-networking teams have more self-service options
- Breaks down team silos
- Decrease MTTR

> *Having a one-stop shop to grab human-readable network context on-demand by a non-technical user is massively useful.*
>
> — **Luke Richardson**
> *Network Architect, WeWork*

IP FABRIC
AUTOMATED NETWORK ASSURANCE PLATFORM

115 Broadway, 5th Floor
New York, NY, 10006
United States

info@ipfabric.io

Kateřinská 466/40
Prague - 12000
Czech Republic

sales@ipfabric.io

ipfabric.io