



**IP FABRIC**  
AUTOMATED NETWORK ASSURANCE PLATFORM



## IP Fabric | AVAST

**Network Assurance - the antidote to network complexity,  
and an open door to automation**



## About Avast

Avast is a multinational cybersecurity software enterprise using automated network assurance to continuously validate their on-prem networks and ensure they base all network decisions on an accurate and up-to-date network inventory. Network assurance introduced simplicity and clarity to their complex network which spans both campus and datacentres.

## AN EASY DEPLOYMENT BRINGS QUICK VALUE

### Challenge

When looking for a solution to network complexity, ease of deployment was non-negotiable for the Avast team.

However, they still urgently needed more network visibility to help operations amidst M+A activities.

### Our Solution

IP Fabric's light touch deployment means quick time to value, and Avast only need one internal network team member to help with installation by providing read-only access to the IP Fabric virtual machine.

Upon running initial discovery, the Avast team was pleasantly surprised to find that finally an automatic discovery tool performed as promised and their network was mapped and modelled with ease. When a particular type of device was not discovered, IP Fabric's hands on approach meant that this was resolved expeditiously to ensure full coverage.

This provided an easy introduction to the network topology for those trying to understand it from scratch.

### Benefits

- An updated, accurate network inventory in a fraction of the expected time
- Quick time to value
- Lower engineer onboarding time
- Deeper insights into network behavior

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Our team was happy that a network discovery tool finally did what it promised – we needed network visibility, and IP Fabric was able to provide this very quickly. This fast deployment was essential for us, as was the open API programmability, which is key for our tooling. We have a focus on automation, and any tool we use must support this focus. Overall, having a centralized view of the network topology that also provides deep insight into network behavior when needed is the biggest win.

**Jaroslav Javor**  
*IT Architecture Manager*

## STREAMLINED OPERATIONS WITH SEAMLESS INTEGRATIONS

### Challenge

Any tool that the Avast team purchases must be able to integrate to the rest of their tooling via API – this is essential for the ambitious automation projects and operational simplicity Avast continuously pursues.

Operationally, Avast needed a centralized insight into the network topology, so that they could in turn centralize communication around it.

### Our Solution

Data from IP Fabric can be leveraged in other tools via simple API integration.

Avast uses Nautobot ChatOps in conjunction with IP Fabric to centralize how their teams access network data.

Additionally, the Avast team has uses IP Fabric data to simplify and augment their troubleshooting process.

### Benefits

- Alignment across different teams
- Democratized access to network data
- Lower MTTR
- An open door for future automation and innovation



Nautobot & IP Fabric = a holistic network automation solution with a network source(s) of truth and an automated assurance engine.

Network to Code's open-source Nautobot project uses network data from IP Fabric to let teams ask questions via ChatOps and get immediate answers. This allows for a more self-service approach and ensure teams across your organizations are making decision based on the same network data. As leaders in automation and innovation, Avast has seen positive results for operational efficiency after implementing this in their network.

Interested? You can find out more about this integration here – [Nautobot ChatOps & IP Fabric](#).



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