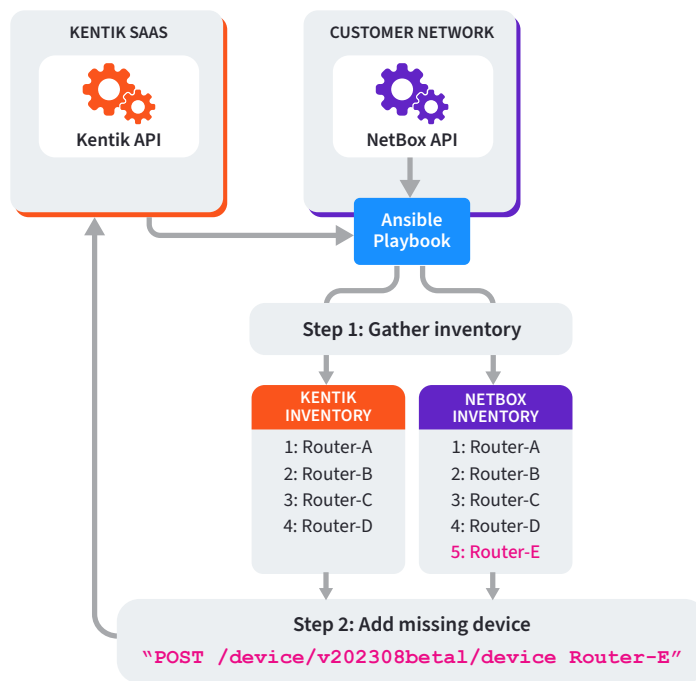


## Network Observability with Kentik and NetBox

Modern businesses operate on an IT scale today unimaginable just a few years ago. Hundreds of applications hosted in dozens of data centers and clouds, creating millions of data flows per second are constantly at work delivering the seamless user experience your customers rely on. But no matter where your business operates, whether on-prem, hosted in public cloud, or a mixture of both, that customer experience still relies on an increasingly complex and dynamic network. These routers, switches, load balancers, etc. form the digital logistics backbone of service delivery that needs to function at peak performance all the time.

High-fidelity network observability is crucial to keeping this data flowing and customer experiences uninterrupted. However, networks are dynamic – new devices are onboarded, configurations change, new services provisioned. In such environments, it is frustratingly hard to keep the network environment in sync with your network source of truth so you can stay on top of problems as they arise.



### Joint Customer Value

#### Eliminate observability gaps

- ✓ Monitor your entire network infrastructure by automatically syncing device inventories from NetBox into Kentik.
- ✓ Eliminate blind spots and prevent missing devices in your observability platform, automatically reflecting devices added or updated in NetBox in Kentik as well.
- ✓ Maintain consistent, up-to-date coverage without manual intervention, helping to catch performance issues before they escalate.

#### Reduce overhead and save time

- ✓ Streamline your workflow by linking NetBox devices directly to their corresponding records in Kentik with a single click.
- ✓ Speed incident response by reducing human error and eliminating cross-tool friction like reentering device details.
- ✓ Quickly pivot from inventory data in NetBox to real-time performance analytics in Kentik, saving valuable time and letting staff focus on more strategic tasks.

#### Operate with speed and precision

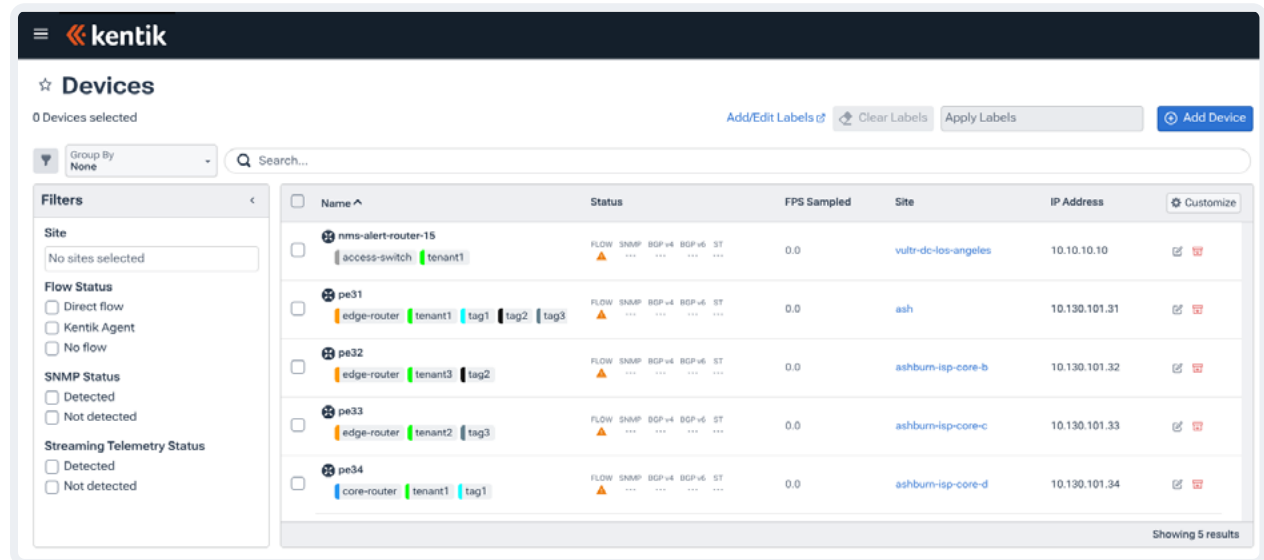
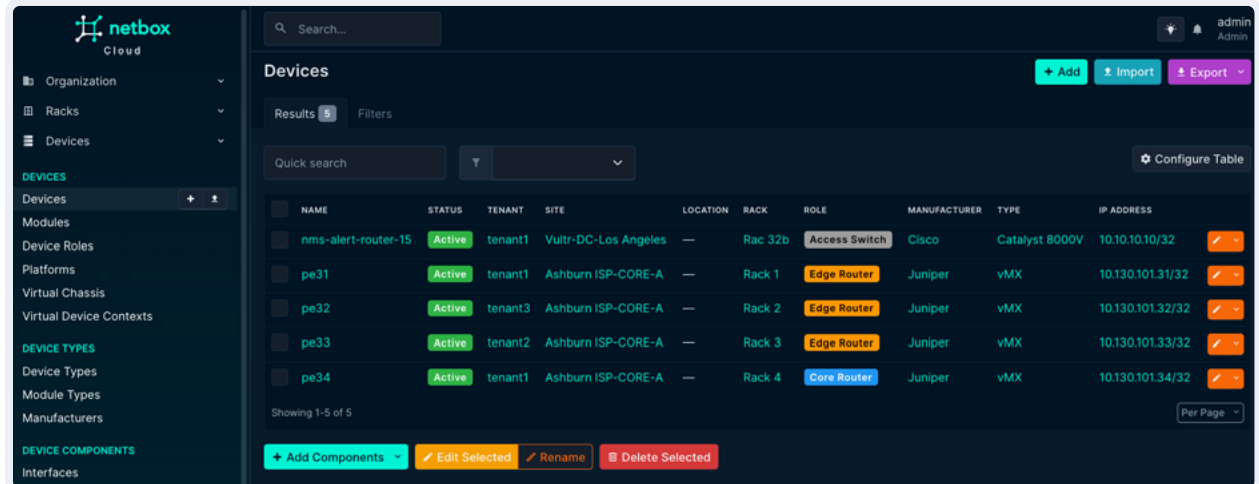
- ✓ Accelerate troubleshooting by enriching Kentik analytics with rich context pulled from NetBox. When new devices are added to NetBox, they're automatically onboarded into Kentik alongside critical metadata – like site, role, or service tags – that adds valuable contextual detail to traffic and performance data.
- ✓ Quickly pinpoint and resolve network issues, reducing mean time to repair (MTTR) and enhancing overall network reliability.
- ✓ Superior orchestration and workflows enable efficient, optimized threat response.

## Eliminating observability gaps with Kentik + NetBox

Modern network teams need both complete device data and real-time performance insights to truly understand and optimize their infrastructure.

Together Kentik and NetBox eliminate network blind spots and streamline troubleshooting. Kentik gives you granular, real-time observability of traffic flows, performance metrics, and potential bottlenecks across diverse network environments. NetBox serves as a single source of truth for devices, IPAM, and network configuration data, providing a critical foundation for network automation and ensuring operators always have accurate infrastructure insights.

Together, Kentik and NetBox ensure your network observation stays aligned with your network inventory – no more missed devices, out-of-date records, or overlooked alerts. This integration also brings rich context (like site details, service tags, or IP ranges) from NetBox into Kentik analytics, allowing you to quickly pinpoint issues and remediate network performance problems.



Kentik is the network observability company. Our platform is a must-have for the network front line, whether digital business, corporate IT, or service provider. Network professionals turn to the Kentik Network Observability Platform to plan, run, and fix any network, relying on our infinite granularity, AI-driven insights, and ridiculously fast search. Visit us at [kentik.com](https://kentik.com).