



IP FABRIC



NetMRI vs IP Fabric: Feature & Functionality Comparison

NetMRI Transition Opportunity

Though NetMRI's Last Order Date (LOD) on April 30, 2025 and End-of-Life (EOL) on April 30, 2027 has been rescinded, the prior announcement triggered reevaluation of tool stacks for enterprise tech leaders. IP Fabric (which was the officially recommended replacement) presents a significant opportunity for network tooling modernization.

✔ What NetMRI Users Will **GAIN** with IP Fabric

Enhanced Network Assurance & Intelligence

- Enhanced Network Assurance & Intelligence 160+ automated intent checks vs NetMRI's basic compliance rules
- End-to-end path analysis and packet walk simulation for complete traffic visibility
- Real-time network state verification with pre/post change validation
- Cloud network discovery covering AWS, Azure, and GCP environments
- Historical network snapshots for time-based comparison and analysis

Advanced Integration & Automation

- Python SDK and comprehensive REST API for automation development
- Webhooks for real-time event notifications and system integration
- Multiple integrations for automation and source-of-truth synchronization (inc. NetBox, ServiceNow, Splunk, Infoblox, Ictential, Nautobot...)
- Modern compliance frameworks including DORA, NIS2, and enhanced PCI DSS support
- Superior Visibility & Documentation:
- Dynamic, auto-generated Low-Level
- Design (LLD) documentation
Interactive topology maps with drill-down capabilities
- Export to Visio, SVG, PNG for comprehensive documentation

✘ What NetMRI Users Will **LOSE**

Network Configuration and Change Management (NCCM) Limitations

- No automated configuration changes as IP Fabric focuses on **assurance, not configuration push**
- No configuration templates or rollback capabilities
- No job scheduling and approval workflows for configuration changes
- No directly embedded scripting for device automation





Important Note: These NCCM functions can be supplemented through IP Fabric's integrations with automation platforms like Ansible, Ictential, and other orchestration tools.


Migration Strategy



✔ Seamless Transition with Infoblox NIOS Integration

- Install IP Fabric extension via Infoblox portal
- Automated device discovery using existing network credentials
- Sync network insights to Infoblox NIOS for IPAM integration
- Validate changes with dry-run capabilities before production sync
- Maintain continuity while gaining enhanced network assurance

Important Note: IP Fabric itself is a simple setup and install via a VM(Virtual Machine) either on-premises or in the cloud.

 Feature and Functionality	 Infoblox NetMRI	 Infoblox NetMRI with Advisor	 IP Fabric
Auto Network Discovery	✔	✔	✔
Multi-vendor Device Support	✔	✔	✔
Topology Visualization	✔	✔	✔
Switch Port Management	✔	✔	Read only*
Configuration Backup & Comparison	✔	✔	✔
Change Tracking & Monitoring	✔	✔	✔
Configuration Templates & Automation	✔	✔	-
Job Management & Scheduling	✔	✔	-
Approval Workflows	✔	✔	-
Configuration Rollback	✔	✔	-
Embedded Scripts & Tasks	✔	✔	-
Dynamic Device Analysis Context	✔	✔	-

 Feature and Functionality	Infoblox NetMRI	Infoblox NetMRI with Advisor	 IP Fabric
Automated Compliance Checks	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Issue Analysis and Intent Checks	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Comprehensive Protocol Support	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Routing Protocols (BGP, OSPF, EIGRP, ISIS)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Switching Technologies (STP, VLAN, VXLAN)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
MPLS & Advanced Networking	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
VRF Support	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
IPv6 Support	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Not reliant on SNMP for discovery	—	—	<input checked="" type="checkbox"/>
Traditional Network Vendors	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Security Appliances	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Vulnerability Assessment	—	<input checked="" type="checkbox"/>	—
CVE Tracking	—	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Security Advisory Monitoring	—	<input checked="" type="checkbox"/>	—
End-of-Life Tracking	—	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Traditional Compliance (PCI, SOX, HIPAA)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Security Policy Enforcement	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Read only*
Built-in Standards (NSA, SANS, DISA)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	—
REST API (Inbound/Outbound)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
IPAM Integration	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Path Lookup & Tracing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

 Feature and Functionality	Infoblox NetMRI	Infoblox NetMRI with Advisor	 IP Fabric
Root Cause Analysis	✓	✓	✓
Network Forensics	✓	✓	✓
Device Troubleshooting Tools	✓	✓	✓
Automated Documentation	✓	✓	✓
Executive Dashboards	✓	✓	✓
Custom Reports	✓	✓	✓
Single-click Compliance Reporting	✓	✓	—
On-premises Deployment	✓	✓	✓
High Availability & DR	✓	✓	✓
Role-based Access Control	✓	✓	✓
Mobile Access	✓	✓	✓
NetMRI Operations Center Support	✓	✓	—
Reactive Network Management	✓	✓	—
Network Discovery & Inventory			
Time-based Network Snapshots	—	—	✓
Multi-layer Integration (L1-L4)	—	—	✓
Protocol-level Discovery	—	—	✓
Advanced Path Analysis (inc. related Security Policies)	—	—	✓
Cloud Network Discovery	—	—	✓
Historical Network Snapshots	—	—	✓



Feature and Functionality

Infoblox
NetMRI

Infoblox
NetMRI
with
Advisor



IP Fabric

Cloud Capability

Virtual Appliance Deployment in Cloud



Cloud Network Discovery (AWS/Azure/GCP)

—

—



Public Cloud Networking Discovery

—

—



Cloud Migration Support

—

—



Network Configuration & Change Management

Pre/Post-Change Configuration Validation

—

—



Network Assurance & Intent Verification

Intent-based Verification

—

—



160+ Out-of-box Intent Rules

—

—



Pre/Post Change Validation

—

—



Network State Verification

—

—



Dry Run Analysis

—

—



Proactive Problem Identification

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—



AI-supported Automation

—

—



Vendor Coverage

Public Cloud Networking

—

—



Multi-vendor Environment Optimization (Normalized)

—

—





Feature and Functionality

Infoblox
NetMRI

Infoblox
NetMRI
with
Advisor



IP Fabric

Security & Compliance

Modern Compliance (DORA, NIS2)

—

—



Automated Configuration Validation

—

—



Regulatory Alignment Support

—

—



Integration & API

Webhooks

—

—



Python SDK

—

—



Source of Truth Sync

—

—



Modern DevOps Integrations

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* For any features or functionality marked as "Read Only", IP Fabric can show information or deltas but does not push changes to network devices.





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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