

TURNKEY MAP-BASED AUTOMATION PROGRAM

Maximize Your NetBrain Investment

Unlock powerful new support and automation libraries to get the most out of your NetBrain deployment—at no additional cost.

Our new **Turnkey Map-Based Automation Program** is designed to simplify and shorten the upgrade process while delivering a custom assessment library and new use cases to help you quickly adopt NetBrain’s powerful automation and AI functionality. The new pre-built Golden Assessment Library (GAL), included in your upgrade, delivers industry-wide outage prevention knowledge to transform reactive operations into proactive automation.

Included in the Program:

- Upgrade to the latest features in NetBrain R12.1 including AI
- Deploy Golden Assessment Library (GAL) for outage prevention
- Automated decoding of your network’s configurations and intents into automation
- Reusable map-based automation and AI to speed troubleshooting

Hassle-Free Setup:

Session 1: Deployment & Setup (2 hours)

- System upgrade & GAL deployment
- Automated Rule Discovery

Session 2: Your First Automated Maps (2 hours)

- Build your first automated map
- Training of your team on AI Insights

Assessment Rules	Description	Local Version	Library Version	Relevant Devices	Status
<input type="checkbox"/> BGP		v1.0	v1.0	50 Devices	Installed
<input type="checkbox"/> Configuration		v1.0	v1.0	123 Devices	Installed
<input type="checkbox"/> CVE		v1.0	v1.0	129 Devices	Installed
<input type="checkbox"/> Device Performance		v1.0	v1.0	123 Devices	Installed
<input type="checkbox"/> Device Security		v1.0	v1.0	122 Devices	Installed
<input type="checkbox"/> EIGRP		v1.0	v1.0	7 Devices	Installed
<input type="checkbox"/> EoX		v1.0	v1.0	129 Devices	Installed
<input type="checkbox"/> Hardware		v1.0	v1.0	123 Devices	Installed
<input type="checkbox"/> HSRP		v1.0	v1.0	21 Devices	Installed
<input type="checkbox"/> Industry Standard		v1.0	v1.0	123 Devices	Installed
<input type="checkbox"/> Interface Performance		v1.0	v1.0	122 Devices	Installed
<input type="checkbox"/> IPsec VPN		v1.0	v1.0	27 Devices	Installed
<input type="checkbox"/> ISIS		v1.0	v1.0	15 Devices	Installed
<input type="checkbox"/> L2 General		v1.0	v1.0	18 Devices	Installed
<input type="checkbox"/> L2 Topo		v1.0	v1.0	55 Devices	Installed
<input type="checkbox"/> L3 Topo		v1.0	v1.0	122 Devices	Installed
<input type="checkbox"/> MPLS Topo		v1.0	v1.0	1 Devices	Installed
<input type="checkbox"/> Multicast		v1.0	v1.0	29 Devices	Installed
<input type="checkbox"/> OSPF		v1.0	v1.0	65 Devices	Installed

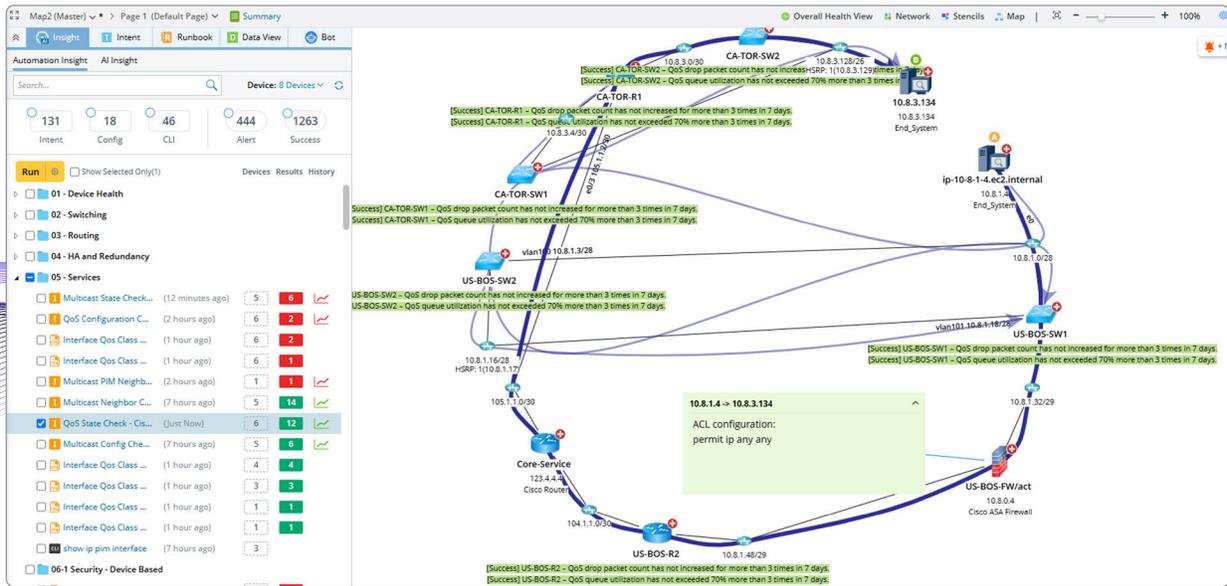
Get Started with Foundational Map-Based Automation Use Cases

1. Automated Root Cause Analysis for Slow Applications

Slow applications can be a nightmare to troubleshoot – until now. NetBrain’s Automation Insight leverages intelligent automation to pinpoint the root cause of application performance issues, whether it’s:

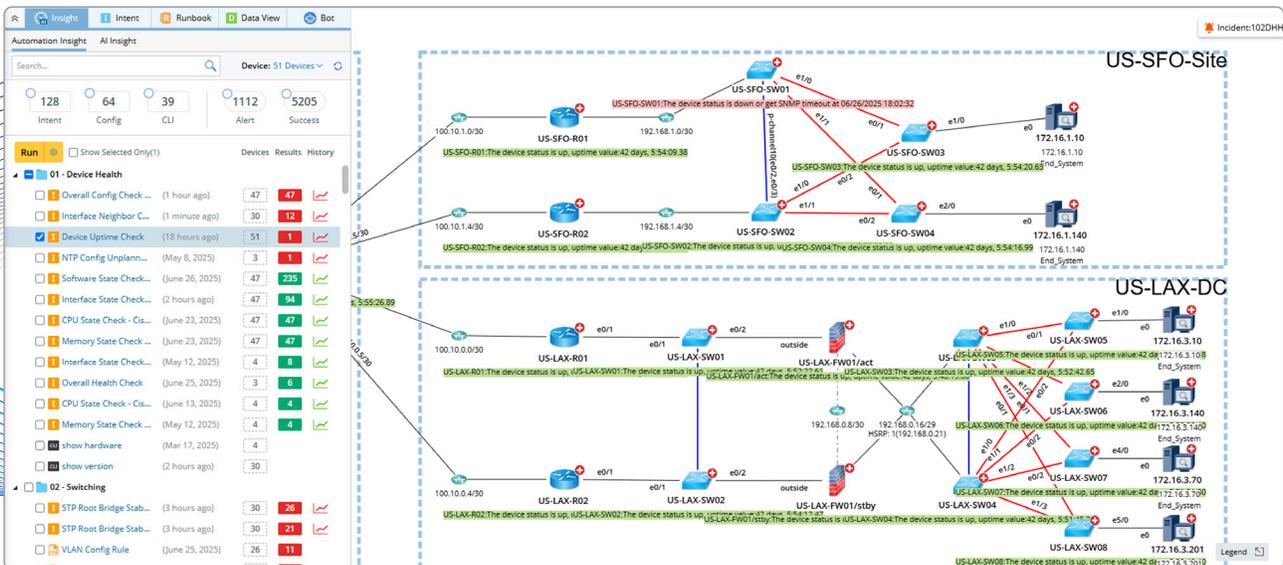
- Latency or packet delay
- Packet loss
- Misconfigured QoS policies

By tapping into the Golden Assessment Library, NetBrain delivers deep automated diagnostics so you can resolve slowdowns faster and with confidence.



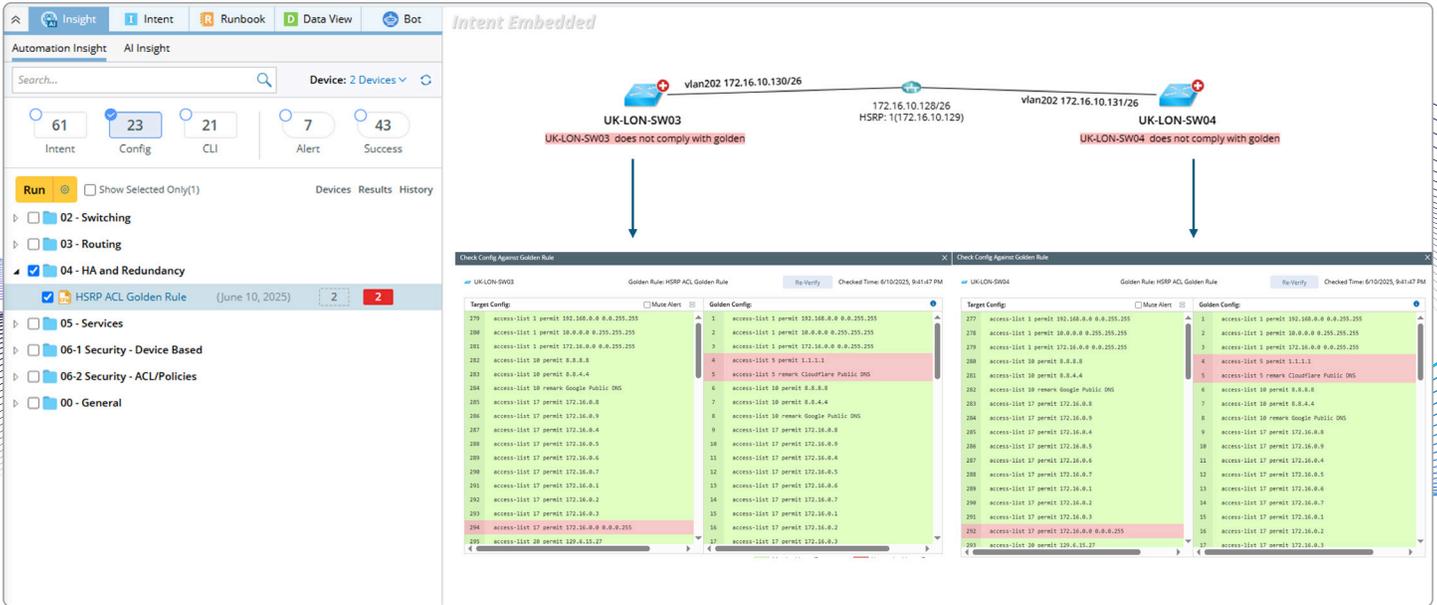
2. Site Map Health Check

By leveraging the Golden Assessment Library (GAL), you can utilize out-of-the-box automation to perform comprehensive health checks on a specific site or multiple sites. This includes checks for overall configuration consistency, interface neighbor status, CPU and memory utilization, and more.



3. Failover

Using the Golden Assessment Library (GAL), you can validate high availability configurations such as HSRP and VRRP against golden standards. This helps detect any configuration drift early, allowing you to prevent potential outages and ensure reliable failover mechanisms.



Golden Assessment Library (GAL) – Technology-Centric Overview

The Golden Assessment Library (GAL) is designed to provide deep, structured visibility into network health and configuration consistency across a wide range of technologies. It supports both configuration checks, operational state checks, and neighbor-level validations (wherever applicable).

Core Capabilities

1. Config Rule Discovery

- Analyzes configuration design across the network, identifying inconsistencies and promoting standardized configurations.
- Uses ACLs, prefix-lists, and class-maps as foundational constructs for routers, switches, and other traditional devices, then maps these back to technologies that depend on them to validate design consistency.
- For platforms like Palo Alto Firewalls, it uses elements like policy definitions, zone protection, and interface management to enforce standardized deployment patterns.

2. Assessment Rules

- Evaluates the operational health of devices and network features to ensure optimal performance and availability.

Technology Areas Covered

Device Health Assessment	Covers metrics such as CPU, memory, fan/power status, hardware/software lifecycle, and interface performance (utilization, drops, errors).
Switching Health Assessment	Validates L2 behaviors including STP states, VLAN/private VLAN setups, trunk consistency, and L2 topology changes.
Routing Health Assessment	Focuses on L3 protocol health: BGP, OSPF, EIGRP, ISIS, and static routes. Includes configuration drift checks, neighbor validations, and operational state monitoring.
HA and Redundancy Health	Assesses redundancy setups including HSRP, VRRP, and firewall high availability frameworks.
QoS Health	Monitors for configuration changes, queue utilizations, and packet drop patterns.
Security Health	Identifies exposure to CVEs, NIST compliance violations, and performs operational checks for IPSec VPNs and related security controls.
SDN/SD-WAN Health	Evaluates fabric and overlay behavior for technologies like Cisco ACI, Viptela SD-WAN, and VMware Velocloud.
Cloud Health	Health checks and integrations with Azure and AWS environments, focusing on connectivity and route visibility.
Auto-Test Framework	Dynamically extracts critical IPs from device configurations and verifies reachability through ping, traceroute, and next-hop validation.

Register for the Turnkey Map-Based Automation Program

Free platform upgrade + GAL + Ready-to-use automation. In just 4 hours!

Or, [Sign up](#) for an experience lab, first.