Network Automation Assessment

Many companies aim to implement network automation but struggle with knowing where to begin. While configuration management is often viewed as a starting point, it carries significant risk, as highlighted in recent industry news[1]. Other automation tasks, tools, and processes offer higher value with lower implementation risks. Whether you're starting your network automation journey or have existing tools but are unsure of your next steps, a **Network Automation Assessment** enables organizations to understand how current tools and processes can be integrated to enhance both IT staff experience and end-user satisfaction.

Network automation is a growing focus for many companies, with numerous organizations setting automation goals at various levels. Yet, knowing where to start can be a challenge. Automation is often treated as an afterthought. Here are some real-world client concerns we've encountered:

— *"It would be great to automate these weekend changes we have to deploy over the next 6-12 months."*
— *"Our current monitoring tool has slow polling, and we sometimes miss critical alerts. Can we improve alerting?"*
— *"It'd be great if we could integrate our monitoring tool with our ITSM system and automate specific actions based on ticket details."*

A **Network Automation Assessment** from BlueAlly thoroughly reviews existing network tooling and processes to identify automation opportunities. In addition, we provide a tailored network automation reference architecture and roadmap to help clients achieve both current and future automation goals.

Our Approach

BlueAlly conducts discovery workshops to gain an understanding of all current network automation practices and identifies automation opportunities in current processes and workflows.

About BlueAlly

BlueAlly is a leading IT services and solutions provider that helps clients reduce complexity and harness the power of technology to improve organizational outcomes.

With over 450+ highly skilled professionals, 2,000+ industry certifications and 10,000+ satisfied customers served, BlueAlly is a trusted partner known for turning complex technical challenges into strategic business opportunities.

Why Use BlueAlly

BlueAlly excels at turning complex IT challenges into streamlined, actionable solutions. With a client-first approach, we provide tailored roadmaps, reference architectures, and expert insights that simplify the adoption of cutting-edge network automation. We help clients increase operational efficiency and achieve long-term success by aligning automation goals with their broader business objectives.

1. Santosh Janardhan, 2024, *Update about the October 4th outage,* Engineering at Meta, accessed 4 October 2021 <https://engineering.fb.com/2021/10/04/networking-traffic/outage/>

During the workshop series, our team reviews the client's documentation, workflows, and operational challenges to assess how automation can optimize existing processes. If no automation is in place, we work with the client and help identify opportunities.

Once the discovery workshops have been completed, BlueAlly analyzes the existing workflows documented from the workshops to identify opportunities for network automation. Areas of focus may include:

— ITSM systems
— Configuration management
— Network testing and validation
— Sources of truth/systems of record
— Change management processes
— Network monitoring/observability tooling

Based on this analysis, BlueAlly creates a detailed **Network Automation Assessment Report Package** that provides:

— Network automation recommendations, including the tooling and processes required.
— A roadmap to implement the provided recommendations.
— A customized Network Automation Reference Architecture specific to the client.

Benefits

Identifies areas of improvement in current automation practices and/or processes.

Identifies potential gaps and new areas of automation that can be employed in the client's infrastructure.

Provides a path forward with a network automation roadmap curated for the client.

Provides a network automation reference architecture that shows the "bigger picture" of the different domains and tooling used within a network automation framework.

Getting Started

Ready to streamline your network automation journey? Let BlueAlly guide you with tailored solutions and expert insights. Visit **blueally.com/contact** to connect with our team.