Improve network assurance and evolve to an intent-based network in four easy steps:

**Step 1: Simplify troubleshooting**

- **Did you know?** 11 or more tools are used for network monitoring and troubleshooting.
- **Did you know?** Incident response is in the top three resource-intensive activities.
- **Did you know?** For 35% of failures, remediation takes 1 to 12 hours.
- **Did you know?** For 17% of failures, time to repair is in days rather than hours.


**Something to consider**

You can increase effectiveness and reduce costs of network monitoring and troubleshooting by centralizing analytics across all network devices.

**Recommended solutions**

- **Cisco DNA Center Assurance**
- **Cisco DNA Center Advise and Implement Service**

Benefits: Reduce the burden on your team, respond faster to disruptions, gain insights into real-time and historical events, and drastically improve issue resolution.

**Step 2: Improve wireless**

- **Did you know?** 34% of network managers use 11 or more tools for network monitoring and troubleshooting.

**Something to consider**

By improving visibility into wireless channel conditions, interference, congestion, and data throughput performance, you can proactively prevent degradation and downtime.

**Recommended solutions**

- **Cisco Aironet Active Sensor**
- **Cisco Wi-Fi Analytics for iOS**
- **Cisco Meraki Wireless**

Benefits: Improve the mobile user experience and prevent wireless problems before they occur.

**Step 3: Analyze WAN**

- **Did you know?** For 35% of failures, remediation takes 1 to 12 hours.

**Something to consider**

Built on disparate networks that are outside the control of IT, the WAN is often difficult to pinpoint problems or monitor.

**Recommended solutions**

- **Cisco SD-WAN vAnalytics**
- **Cisco Meraki Insight**

Benefits: Extend network and service visibility and assurance across the WAN with advanced analytics.

**Step 4: Assure applications**

- **Did you know?** For 35% of failures, remediation takes 1 to 12 hours.

**Something to consider**

By extending assurance across your data center, you can predict the effect of network changes before you make them.

**Recommended solutions**

- **Network Assurance Engine**
- **Cisco AppDynamics**
- **Cisco Tetration**

Benefits: Make changes confidently and increase change agility while reducing the risk of network failures caused by human errors. Constantly monitor application performance to make sure it meets business needs.

**Learn about network assurance**

Transform to an intent-based network with Cisco DNA