

Minimizing downtime

Improve service delivery while increasing IT and business productivity.



On average, infrastructure failure costs large enterprises **\$100,000 per hour**.*

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

 Step 1: Simplify troubleshooting Can you resolve network issues quickly? See more	 Step 2: Improve wireless How reliable is your wireless? See more	 Step 3: Analyze WAN Do you have visibility into your WAN? See more	 Step 4: Assure applications Do you need network analytics for your data center? See more
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Learn about network assurance

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Step 1: Simplify troubleshooting

Ask yourself
Are your network troubleshooting costs and time spent getting out of control?

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

Recommended solutions

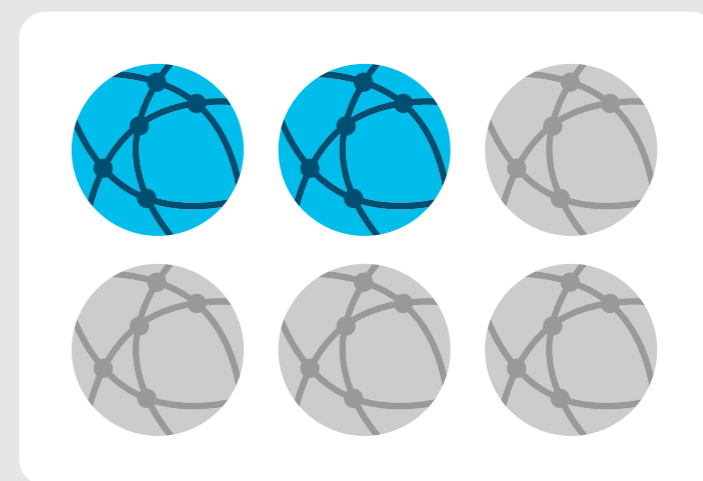
- [Cisco DNA Center Assurance](#)
- [Cisco DNA Center Advise and Implement Service](#)

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

Find out more

[See the Cisco DNA difference](#)

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



Source: EMA Research, Digital Enterprises Require a Next-Generation Wireless Platform, 2018.

Step 2: Improve wireless

Ask yourself
Is it challenging to maintain a consistently good user experience on your wireless network?

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

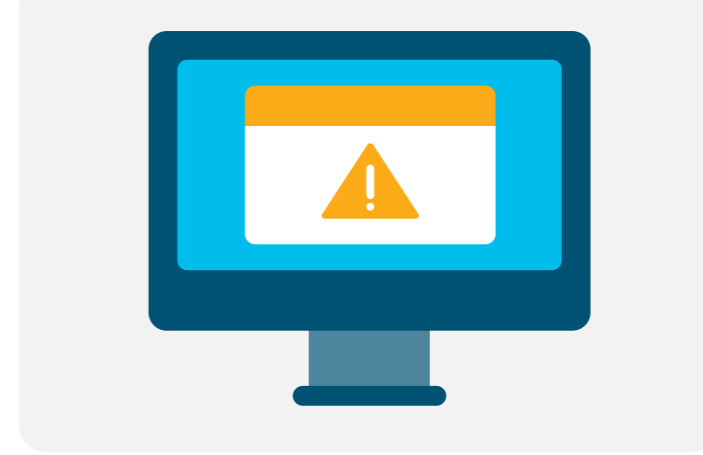
- [Cisco DNA Center Assurance](#)
- [Cisco Aironet Active Sensor](#)
- [Cisco Wi-Fi Analytics for iOS](#)
- [Cisco Meraki Wireless](#)

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

Find out more

[Read wireless assurance report](#)

Did you know?
Incident response is in the top three resource-intensive activities.



Source: Cisco and McKinsey automation research, 2017.

Step 3: Analyze WAN

Ask yourself
Can you identify network problems that are happening outside your campus?

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.

Find out more

[View SD-WAN infographic](#)

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



Source: IDC, DevOps and the Cost of Downtime: Fortune 1000 Best Practice Metrics Quantified, Stephen Elliott, 2014.

Step 4: Assure applications

Ask yourself
Can you predict the consequences of network changes in your data center before you make them?

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.

Find out more

[Read technology overview](#)

Did you know?
For 17% of infrastructure failures, time to repair is in days rather than hours.



Source: IDC, DevOps and the Cost of Downtime: Fortune 1000 Best Practice Metrics Quantified, Stephen Elliott, 2014.

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Transform to an intent-based network with Cisco DNA

* Source: IDC, DevOps and the Cost of Downtime: Fortune 1000 Best Practice Metrics Quantified, Stephen Elliott, 2014.