

Upgraded version of distribution network automation for campus network use



Overview

Juniper Networks® Popup Campus automated workflow helps educational institutions simplify network deployment and troubleshooting, improve uptime, add capacity more easily, and reduce OpEx. The campus local area network (LAN) is the network that supports devices people use within a location to connect to information. Juniper's AI-driven Mist Platform and wireless access points, Wi-Fi Assurance, Wired Assurance, Marvis Virtual Network Assistant, and EX Series Ethernet campus core and access switches deliver an on campus and university at home solution that extends AI-driven networking to remote and hybrid. The following blog post summarizes insights from a recent discussion among Network Automation Forum (NAF) community members about the state of network automation in campus environments. The conversation was sparked by a question about whether campus network automation is more buzzword than reality. Traditional wired network solutions for the campus have started to take on more complex architectures that help deliver stability, performance, and security to users. Application upgrade replaces the existing drivers. Ensure that you apply the driver pack of your choice post upgrade. Who am I?

I'm a Technical Solutions Architect (TSA) at Cisco, part of the EMEA Enterprise Networking team.



Article Content

May 11, 2026

A Distribution Network Automation Communication Module Based

Currently, distribution network automation communication technology uses a two-layer network structure, divided into a backbone layer and an access layer. The backbone layer typically

Dec 04, 2025

Enterprise Campus Network Upgrade Guide for Three-Tier Architecture

Learn how to upgrade an enterprise campus network from a traditional 1G-10G-40G architecture to a scalable 10G-25G-100G network.

May 24, 2026

Network Automation

CloudCampus Solution V100R020C10 Design and Deployment Guide for Large- and Medium-Sized Campus Networks (Virtualization Scenario) Network Automation Device Plug-and

Aug 04, 2025

Distribution Automation

But many of the distribution network automation systems built in early stage were not working in the way they are supposed to be due to an inadequate comprehension of distribution network automation, the

Oct 02, 2025

Interactive Upgrade Guide For NA

This section provides the instructions to help you upgrade NA. Follow the upgrade matrix to find which versions of Network Automation can be upgraded to this version.

Jun 06, 2026

Roadmap to Automate Campus Network Operations in Higher Education

With the power of the AI-driven campus, universities and colleges can deliver optimized network experiences while streamlining network operations, freeing up IT resources for innovation.

Nov 24, 2025

Campus LAN and Wireless LAN Solution Design Guide

The Cisco SD-Access design enables the use of virtual networks (overlay networks, or macro segmentation) running on a physical network

Jan 07, 2026

Version_002

What is a CAMPUS LAN? - definition Campus network design concepts include small networks that use a single LAN switch, up to very large networks with thousands of connections. You create a campus

Jun 15, 2026

Campus LAN and Wireless LAN Design Guide

Cisco Digital Network Architecture is a platform that provides a roadmap to digitization and a path to recognize immediate benefits of network automation, assurance, and security. The campus local

Mar 04, 2026

All Guides for Campus Network Automation

Learn how Campus Network Automation centralizes network inventory and infrastructure security management, enabling quick software image upgrades to network devices.

Mar 06, 2026

Campus Network Design Guideline

Introduction Building a Campus network is more than only interconnecting physical network infrastructure devices. The most challenging

Dec 18, 2025

Campus Network Automation & Orchestration with Intent

The library includes many ready-to-run campus automations like software upgrades, device onboarding, and network device changes that can help network teams

Apr 06, 2026

Distribution Automation Design Guide, 3

This Distribution Automation (DA) architecture is a fundamental part of any Cisco network, providing enhanced, end-to-end security from the control center all the way to the edge of the distribution

Aug 18, 2025

How AI-Driven Network Solutions Better Enable

Discover how AI-driven wired and wireless LAN solutions enhance campus and branch network solutions, ensuring seamless, reliable, and scalable connectivity.

Oct 29, 2025

Campus Network Automation: Reality Check

The following blog post summarizes insights from a recent discussion among Network Automation Forum (NAF) community members about the state of network automation in campus

Jun 05, 2026

Introduction to Campus Network Design and Multilayer Architectures

I am dedicated to enabling the field, partners, and customers in their transition to intent-based networking, leveraging Software-Defined Access and Cisco Catalyst Center.

May 12, 2026

Lessons learned from a multi-million dollar, state-of-the-art ...

B. Challenges with Aging Electrical Infrastructure The original electrical distribution system at Fresno State was installed when the campus was built in 1956 and had a source voltage of 4,160 volts.

Mar 10, 2026

Campus Network Automation & Orchestration with Intentful

Automation and orchestration can help in deploying new campus IDF and MDF network switches and routers faster and with fewer errors. Orchestrating network

Apr 24, 2026

Roadmap to Automate Campus Network Operations in Higher Education

The campus network needs to support the demands of in-person and remote learning as well as new uses like contact tracing and wayfinding. Juniper Networks solutions for wired and wireless access

Nov 13, 2025

[unsupervised_topic_modeling/topics/en/17/100/100/topics at ...](#)

Contribute to [annontopicmodel/unsupervised_topic_modeling](#) development by creating an account on GitHub.

Mar 16, 2026

Research on intelligent distribution network automation design

Finally, take a specific urban distribution network project as an example and its revamping scheme is introduced. The intelligent distribution network automation design scheme

Jul 07, 2025

Key considerations for a campus network edge refresh

IoT connectivity, network segmentation, and quality of service With the explosion of devices at the network edge, automation for getting those devices connected securely becomes a business

Jul 02, 2025

Microsoft Word

A broad definition of Distribution Automation includes any automation which is used in the planning, engineering, construction, operation, and maintenance of the distribution power system, including

Mar 11, 2026

Campus LAN and Wireless LAN Solution Design Guide

Cisco Digital Network Architecture (Cisco DNA) provides a roadmap to digitization and a path to realize immediate benefits of network automation,

Dec 12, 2025

Network Automation for Education Networks Using Popup Campus

The Popup Campus automated workflow vastly simplifies the configuration and deployment of the wired and wireless network, and allows network engineers to focus their time on strategic work like network

Contact Us

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