



FREE for
instructors to
participate!

Programmability Initiative Executive Summary

Preparing US/Canada Instructors for the Programmable Age of Networking

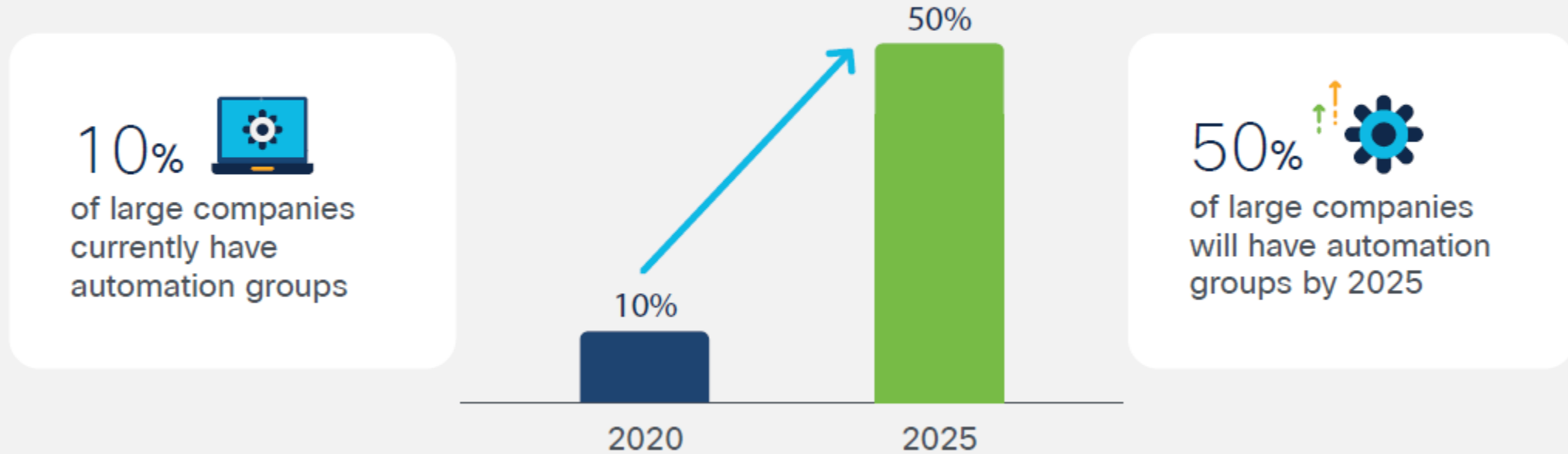
Website: <https://devnet.academy>

Contact us here: programmability_initiative@external.cisco.com

January 2022

The Programmable Age of Networking is HERE!

The Rising Focus on Automation in Large Companies



That's a 500% increase over 5 years.

Programmable Infrastructure: Trends & Feedback

Industry Trends

- Over **90%** of IT organizations are exploring or implementing DevOps to accelerate solutions delivery. This suggests the DevOps Engineer will exhibit sustainable growth.
- **34% of all IT roles will require skills that can be addressed by Cisco's DevNet training** and certification program.
- Certifications prepare for in-demand jobs. **By 2024 there will be 5.3M jobs globally that align to the DevNet Associate professional.**
- Network Automation Engineer is the fastest growing title, with the smallest population today, given the focused responsibilities associated, such as a blend of traditional Network Engineering & Automation.

Source: Data created by collaboration between Cisco and the world's leading research organization.

DevNet Associate Course Feedback

- From interviews conducted with instructor trainers, instructors & other industry professionals we heard there needs to be **more applied labs** in DevNet Associate.
- Additional **supplemental content asked** for in interviews was, webinars from industry professionals, videos & demos to support the DevNet Associate course.
- We need a bridge from CCNA to Network Automation & Programmability.
- **Prerequisites needed in DevNet Associate** for traditional Networkers are Python, basic Linux & scripting. Networking Essentials if you are a Software Developer.
- Networking Instructors commented on the increased difficulty of the DevNet Associate course and certification. Prepping for this certification differs from traditional CCNA Certification as question complexity is very different.

US & Canada Networking Academy: FREE Programmability Initiative 2022

Mission: Cisco Networking Academy's (NetAcad) Programmability Initiative centers around guiding new and current network instructors into the Programmable Age.

Outcome: The result of the project is to become DevNet Associate Accredited and empowered to teach the NetAcad course.

Initiative Audience (Higher Education):

1. New DevNet Associate Instructors – New instructors to NetAcad & DevNet and Current NetAcad instructors new to DevNet
2. Supporting current DevNet Associate Instructors
3. Supporting current Network Automation instructors in CCNA Enterprise Networking, Security and Automation (ENSA)

Interested in Participating?
[Link: Refer Yourself Today!](#)
Know of a Colleague who might be interested?

[Link: Refer Colleagues Today!](#)

Program Information:

<https://devnet.academy>

Contact us for questions:

programmability_initiative@external.cisco.com

Note: Underscore between programmability & initiative.

Benefits of Participation:

- Certification preparation offered by the Cisco DevNet Group
- Cisco SE's (system engineers) presentations on the technologies
- Industry professional presentations
- Instructor technical webinars and best practices
- Ability to reach out and ask questions to mentors
- Newly developed resources Such as applied labs, videos & demos (**Note:** these will be shared with ALL instructors Globally)
- Capture the flag event for extra practice
- NetAcad & DevNet swag if you complete all check point activities

Schedule Of Events 2022:



Training for US & Canada Instructors ONLY.
Resources will be shared globally.

Check out our
website here:

<https://devnet.academy>

Note: There is no .com at the end!

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