



Programmability Initiative FAQ's

Version 1.2 Updated as of: Feb 25, 2022

Programmability Initiative Mission

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

Programmability Initiative Outcome

The desired result of the initiative is for Instructors from the Cisco Networking Academy (NetAcad) community to become DevNet Associate Accredited and empowered to teach the NetAcad course.

Executive Summary

This is our one stop shop resource to answer inquiries around the Programmability Initiative, including who can participate, resources & materials and finally general initiative questions from the instructor community.

To make it easier for you to find the answers to your questions, we have created a hyperlinked Table of Contents. Click on your question to be taken to the appropriate answer.

Website for additional information: <https://devnet.academy/>

We look forward to your participation!

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WHO CAN PARTICIPATE?

Q1: I have taken DevNet Associate Instructor training but was unable to complete the course. May I participate in this initiative?

A: Yes, please sign up using the Refer Yourself form:
<http://cs.co/devnetreferyourself>

Q2: I started taking the DevNet Associate Training but did not finish. May I participate in this initiative?

A: Yes, please sign up using the Refer Yourself form:
<http://cs.co/devnetreferyourself>

Q3: May I sign up for a subset of the initiative? For example: I took the DevNet Associate instructor training, however I do not feel like I know Python, and would benefit from additional training.

A: Yes, once you have listened to the Orientation (either live or recorded) you will be enrolled in the **Programmability Initiative – US/Canada course**. This course will show up on your I'm Learning tab, within 2 business days after you have listened to the Orientation Session. Once enrolled into the course, please scroll to the **Checkpoint Activities** section of the course, and fill out the **Pre-Initiative Survey**.

Q4: I took the self-paced Instructor course on NetAcad.com but never scheduled the Finals exams at an ITC. May I participate in this initiative?

A: Yes, please sign up using the Refer Yourself form:
<http://cs.co/devnetreferyourself>

Q5: Is the initiative available to me if I only want to teach DevNet Associate, but not obtain the certification?

A: Yes. While we highly recommend certification, we are not requiring it for the initiative participants. When communicating the importance of certification with your students, you are more likely to inspire them to get certified themselves if you are DevNet certified.

Q6: May I sign up to participate in the initiative if I do not want to teach DevNet Associate at my Cisco Academy, but I do plan to take the DEVASC certification?

A: No. Registration is limited; thus, we wish to reserve training spots for instructors planning to teach DevNet Associate to their students.

Q7: If I am not an instructor with Cisco Networking Academy (NetAcad), but I am interested in becoming an Academy at a later date, may I participate in this training?

A: Yes. To participate in the initiative please complete the Refer Yourself form:
<http://cs.co/devnetreferyourself>

After filling out the form, please email programmability_initiative@external.cisco.com so we can share more about the NetAcad Program with you.

Q8: I no longer teach, but I am interested in this initiative, may I participate?

A: No. Registration is limited; thus, we wish to reserve training spots for instructors planning to teach DevNet Associate to their students.

Q9: I want to participate in this initiative, but my administration is not supportive or needs more information. Do you have materials to help me show the value of participating in this initiative?

A: Yes, please share the recording and slides posted on the homepage of our website with your administration, <https://devnet.academy/>

Any additional questions can be sent to programmability_initiative@external.cisco.com

Q10: I teach CCNA ENSA and have no plans to teach DevNet Associate, may I participate in this training?

A: Yes, we understand the value of your participation in this initiative as you teach Network Automation and Programmability in the CCNA ENSA course. Many jobs in networking require an understanding of programmability concepts, which tie into the concepts covered in DevNet Associate. Also, after taking the training you may be interested in offering DevNet Associate to your students.

Q11: My institution is a Cisco Academy; however, I am not listed as an instructor under the academy. May I participate and how do I get added as an instructor under our academy?

A: Yes, you may participate. Please contact the NetAcad Main Contact for your institution. If you are unsure who that person is, please contact us and we will look it up for you: programmability_initiative@external.cisco.com

GENERAL PROGRAMMABILITY INITIATIVE QUESTIONS

Q12: I have signed up on the Refer Yourself form. What are my next steps to participate in the initiative?

A: Your next step is to listen to an Orientation Session (Live sessions: 2/10/22, 2/16/22, 2/24/22).

- **Here is a link to the Orientation Recording:**
<https://cisco.webex.com/cisco/lsr.php?RCID=f9c18ac20abe80d25369570398594409>
- **Password:** Netacad123
- You may also find the Orientation Recordings on our website under the Webinar Schedule page, previous: <https://devnet.academy/webinars/>

Q13: I listened to the Orientation Session (either live or recorded), what are my next steps?

A: Within 2 business days of you listening to an Orientation Session you will be enrolled in the Programmability Initiative- US/Canada course. This course will show up on your I'm Learning tab.

Q14: I have been enrolled in the Programmability Initiative- US/Canada course. What do I do next?

A: Please complete the Pre-Initiative Survey located on the homepage under the Checkpoint Activity section.

Q15: What are the benefits of participating in this initiative?

A: Instructor benefits to participating in this initiative:

- 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)
- Capture the flag event for extra practice
- NetAcad & DevNet swag if you complete all check point activities

Q16: What is the cost of the training?

A: FREE

Q17: Does passing the DevNet Associate Certification Exam, renew my CCNA Certification?

A: Yes.

Q18: Is DevNet Associate eligible for Cisco Continuing Education (CE) Credits?

A: Yes. You must obtain 70% or higher on the first attempt of the final exam AND be marked complete in the course. This will earn you 40 CE Credits. More information can be found here: <https://www.cisco.com/c/en/us/training-events/training-certifications/recertification-policy.html#~how-to-recertify>

Q19: What are the dates of each training component?

A: Please see the following topic & date range for each component, all sessions will be recorded and posted. Please be aware that dates are subject to change and all changes will be communicated in advance.

- Python Training for DevNet: March 10 – May 30, 2022
 - Training includes 11 synchronous 90-min Webex meetings on Thursdays 4:00 pm Pacific / 7:00 pm Eastern
- Linux Webinars for DevNet: April 5 – May 24, 2022
 - Training includes 8 synchronous 2-hour Webex meetings on Tuesdays 1:00 pm Pacific / 4:00 pm Eastern
- Networking Essentials for DevNet: April 5 – May 24, 2022
 - Training includes synchronous Webex meetings – days and time TBD
- DevNet Associate Training: June 6 – Oct 28
 - Training includes synchronous Webex meetings – days and time TBD

Q20: What is the training course enrollment process?

A: After you have completed the Pre-Initiative Survey indicating which components you would like to participate in. The initiative leads will enroll you in the appropriate training courses.

Q21: Are the Webinar Sessions that are tied to Instructor Professional Development (IPD) Week required for initiative participants?

A: The topics that are included in IPD Week, that are a part of programmability initiative were selected to help you become more successful in the DevNet Associate course. They are not required unless identified as a Check-Point Activity- these will be identified in advance. The IPD sessions are highly recommended for your participation and will be recorded.

Q22: What happens if I am unable to participate in all synchronous sessions for a specific training due to a conflict?

A: All training courses include a synchronous component, but we do realize that not all dates/times will not work for everyone. We encourage attendance as much as possible to interact with the instructor and ask questions. All sessions will be recorded and posted. Please communicate any missed session with initiative leads: programmability_initiative@external.cisco.com

Q23: If I have a question outside of the synchronous sessions, how do I reach out to the Instructor Trainer?

A: We will be using Webex Teams to be able to reach Instructor Trainer & initiative mentors. Please send them a message in the appropriate space.

Q24: What happens if I miss a large portion of any one class due to a life event such as: illness or family emergencies?

A: Please communicate with the initiative leads by sending them an email: programmability_initiative@external.cisco.com

Q25: What communication software/tools will be used during the initiative?

A: Webex Teams, NetAcad LMS, Webex Events/Meetings, browser to access <https://devnet.academy/>. There will also be software specific to each course for you install.

Q26: I have little knowledge of networking (ex: Software Developer/Programmer) and may need additional help with these concepts. Is there a way to get one on one help?

A: There will be mentors as part of the project that you can reach out to with questions or setting up additional time to learn a concept.

Q27: What happens if I need to drop out of the training?

A: Please communicate with the initiative leads by sending an email: programmability_initiative@external.cisco.com

RESOURCES & MATERIALS

Q28: Will the materials be translated into other languages beyond English?

A: All materials will be produced in English. After the initiative is complete, we may look to our instructor community to help translate the newly created labs.

Q29: Will sessions be recorded?

A: Yes, all sessions will be recorded and posted.

Q30: How do I get access to the materials if I do not want to participate in the training?

A: We will ensure that all resources are available to the global instructor community after the initiative has wrapped up.

DevNet Associate Equipment

Q31: What equipment do I need to teach DevNet Associate?

A: This course requires no physical equipment other than the student's lab PC. It uses several Virtual Machines (VMs) to create the lab experience.

Baseline Equipment Bundle:

- PCs - minimum system requirements
 - CPU: Intel Pentium 4, 2.53 GHz or equivalent with virtualization support
 - Operating Systems, such as Microsoft Windows, Linux, and Mac OS
 - 64-bit processor
 - RAM: 8 GB
 - Storage: 10 GB of free disk space
 - Display resolution: 1024 x 768
 - Language fonts supporting Unicode encoding (if viewing in languages other than English)
 - Latest video card drivers and operating system updates
- Internet connection for lab and student PCs

Student PC Software:

- Oracle VM VirtualBox Manager (version 6.1 or later)
- DEVASC VM (Downloadable from the Course)
- CSR1000V VM (Instructor download and distribution)
- Packet Tracer Network Automation Edition (pre-installed on the DEVASC VM)

Q32: Can the DevNet Associate Labs be completed using my CCNA equipment?

A: Some labs can be completed on the Cisco 4000 series routers and 9000 series switches.

CAREER INFORMATION

Q33: Do you have career data for holders of the DevNet Associate certifications?

A: Yes, please see the sample job titles and job data highlights listed below.

Sample Job Titles Include: Site Reliability Engineer, Network Automation Engineer, Network Engineer (*& Addressable Role*), Automation Engineer, Security Engineer (*& Addressable Role*), DevSecOps Engineer, Software Developer / Cloud Engineer (*& Addressable Role*), Cloud Engineer, Cloud Architect, DevOps Engineer

Job Data Highlights: In 2018, there were approximately 9M FTEs with relevant titles addressable by DevNet Associate and Professional.

DevNet addressable titles / roles are growing due to increased demand; the 9M addressable FTEs in 2018 is expected to grow at a 3.7% CAGR to 11.2 M in 2024.

Software Developer / Engineer, DevOps Engineer, and Security Engineer are expected to have the largest increase in terms of the number of FTEs. DevSecOps and Network Automation Engineer titles will be the fastest growing.

Almost 36% of all Software Developers/Engineers, 17% of Network Engineers, and 78% of Security Engineers require skills that can be addressed by Cisco's DevNet training and certification program.

Source: Data created in collaboration with world's leading research organization.

For additional questions about job data, please send them here:
programmability_initiative@external.cisco.com