



CyberPatriot Cisco Training Materials and Networking Academy Enrollment



All coaches, mentors and competitors are given access to the Cisco Networking Academy platform. The course that students will be tested on is the CyberPatriot Content Course. Teams may leverage many of the other courses on this platform to increase their security and networking knowledge.

This document provides an overview of the CyberPatriot Cisco Networking Academy and instructions for accessing each of its components.

Teams will not be tested on IPv6 in CyberPatriot XII

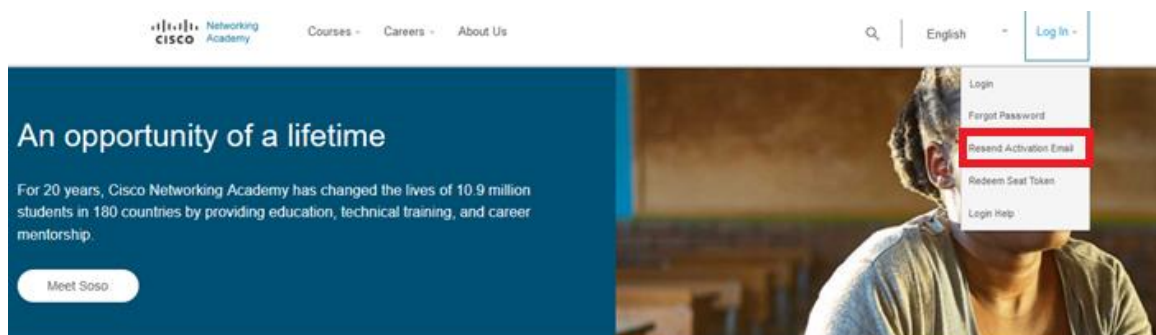
IMPORTANT: Competitors under 13 years of age are NOT permitted to access the Networking Academy for any reason. Parents of students under 13 may be given access to netacad by the coach.

PLEASE NOTE: While the team Cisco credential from Coaches' Dashboard will authenticate the canvas URL, these credentials will not be able to authenticate for the packet tracer client. Teams must use the credentials from the training account (i.e. account from Content Course for more on the Content Course, please refer to part 1 of 2 of this document)

PART 1 OF 2: Where to access the modules and training materials that students are tested on.

New Coaches and Mentors without a Pre-existing Cisco Networking Academy Account

1.
 - a. Go to www.netacad.com
 - b. Click "Login" at the top right-hand corner.
 - c. Click "Resend Activation Email"



- d. Enter the email address used to create volunteer account on www.uscyberpatriot.org
 - e. Click "Resend Activation Email"

[Home](#) / [Resend Activation Email](#)



Solutions to Common Issues

Resend Activation Email

Email address *

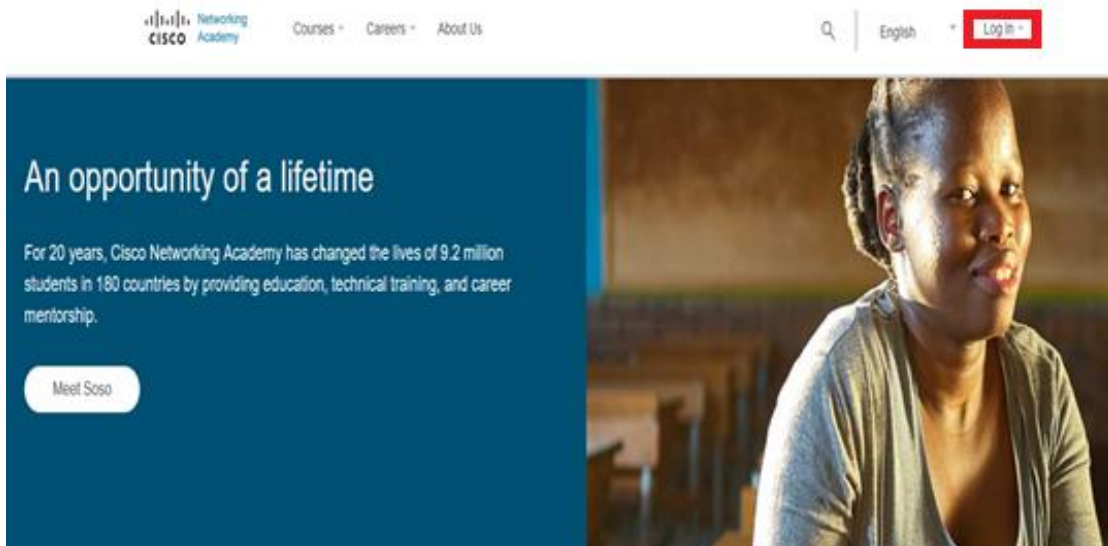
cpoc@uscyberpatriot.org

[Resend Activation Email](#)

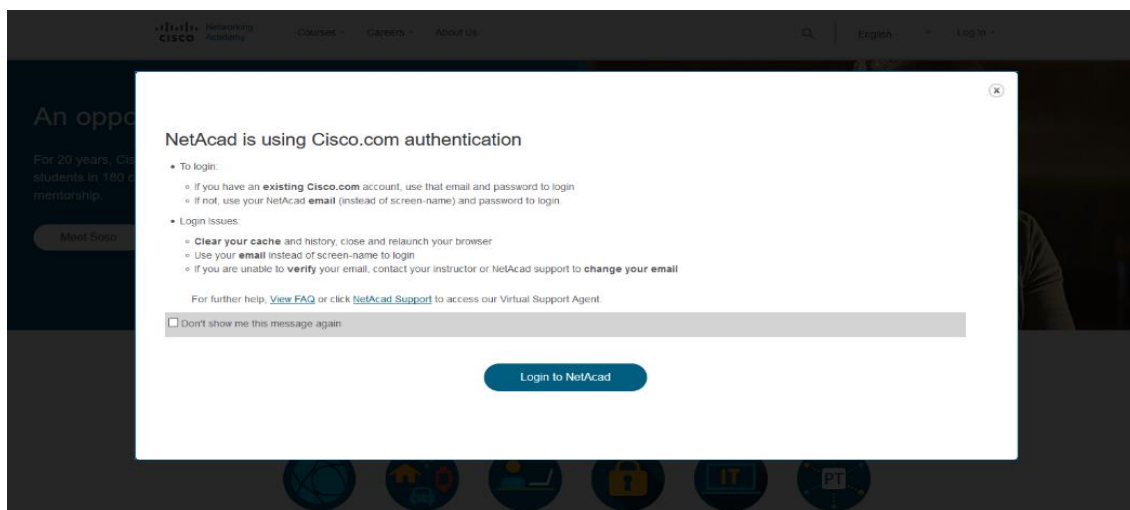
- f. You will receive email from “@netacad” email address.
- g. Verify your email address and then complete your registration.
- h. You should now be ready to complete the “CyberPatriot Instructor Training 2019-2020” from **step 3 and 4** of this instruction.

• **Login Issues:**

- **Clear your cache and history, close and relaunch your browser**
 - I. Go to www.netacad.com
 - II. Click “Login” at the top right-hand corner.



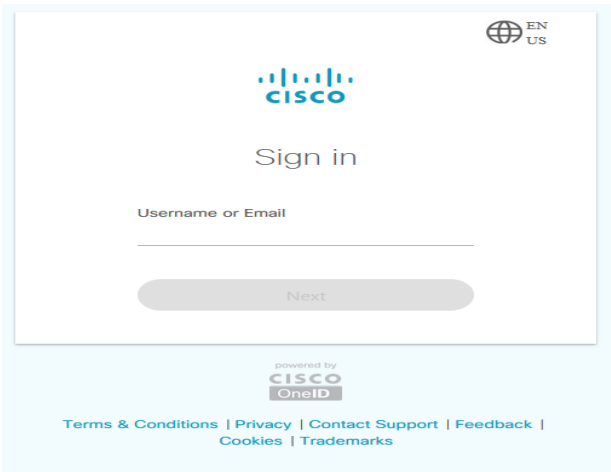
III. Read and follow the authentication instructions:



- Use your **email** instead of screen-name to login

2. Click "Login to NetAcad"

I. Enter Email address and click "Next"



The screenshot shows the Cisco NetAcad 'Sign in' page. At the top right is a globe icon with 'EN' and 'US'. The Cisco logo is centered. Below it is the text 'Sign in'. A label 'Username or Email' is above a text input field. Below the input field is a grey 'Next' button. At the bottom, it says 'powered by CISCO OneID'. A footer contains links: 'Terms & Conditions | Privacy | Contact Support | Feedback | Cookies | Trademarks'.

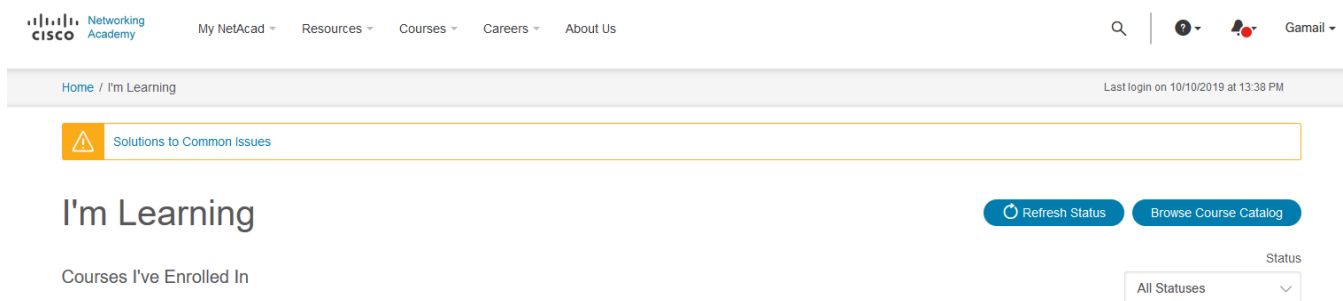
II. Enter password and click "Sign in"



The screenshot shows the Cisco NetAcad 'Sign in' page with the 'Next' button highlighted in blue. A '< Back' link is at the top left. The text 'Welcome' is centered. Below it, 'Username or Email' is followed by the email 'cpoc@uscyberpatriot.org'. 'Password' is followed by a masked input field. A blue 'Sign in' button is below the password field. A 'Forgot Password?' link is at the bottom. The footer is identical to the previous screen.

- Coaches and mentors are uploaded to the Networking Academy systems at least twice a week. As a result, please try logging in / verifying your email again in 48 hours.
- If you are still unable to **login or verify** your email, contact CyberPatriot Program Office at cpoc@uscyberpatriot.org to **add or change your email**


3. You will be redirected to the "My NetAcad" homepage



The screenshot shows the Cisco NetAcad 'I'm Learning' homepage. The top navigation bar includes the Cisco Academy logo, 'My NetAcad', 'Resources', 'Courses', 'Careers', and 'About Us'. On the right are search, help, and notification icons, and a 'Gmail' link. Below the navigation bar is a breadcrumb 'Home / I'm Learning' and a 'Last login on 10/10/2019 at 13:38 PM' timestamp. A yellow banner with a warning icon says 'Solutions to Common Issues'. The main heading is 'I'm Learning'. Below it is 'Courses I've Enrolled In'. On the right are 'Refresh Status' and 'Browse Course Catalog' buttons. A 'Status' dropdown menu is set to 'All Statuses'.

- Launch and complete "CyberPatriot Instructor Training 2019-2020" to learn "General use of NetAcad.com" including how to:
 - Create a course
 - Enroll students into a course
 - Create Assignment

- i. Launch “CyberPatriot Instructor Training 2019-2020”
- ii. Launch Course


My NetAcad
Account
Dashboard
Courses
Calendar
Inbox
Help

Home

Modules

Discussions

Assignments

Quizzes

Announcements

People

Pages

Outcomes

Files

Grades






Syllabus

Collaborations

Settings

CyberPatriot Instructor Training 2019-2020

Edit



Welcome to the Cisco/CyberPatriot Instructor Course.

After the completion of this course, you will be added as an instructor within the CyberPatriot Academy, giving you access to the Content Course curriculum. The guidance in this Instructor course will be instrumental in helping you create your own course and enroll your students.

This course will cover the following:

- Introduction to the Cisco Networking Challenge
- How to use important features in NetSpace
- How to create a content course and enroll students
- Instructions on how to find a Cisco Mentor
- What to expect during the Cisco portion of the CyberPatriot competition

Coaches and Mentors are **highly recommended** to complete this Instructor Course, as it provides step by step guidance on how to navigate through the NetAcad platform to complete important tasks such as how to create a course, enroll students and create an assignment.

You will need to return to www.netacad.com to see if the CyberPatriot Content course is available.

NOTE: You will NOT become an instructor of the course you are taking now.

Instructions:

- Click the “Launch Course” button (below)
- Review the content in each module
- Click the “Next” button to progress through the module and assignments
- Complete the Quiz at the end of the course; You must get a perfect score on the quiz to pass this course

Launch Course

Please provide [feedback](#) on this course

Choose Home Page

View Course Stream

Course Setup Checklist

New Announcement

Student View

View Course Analytics

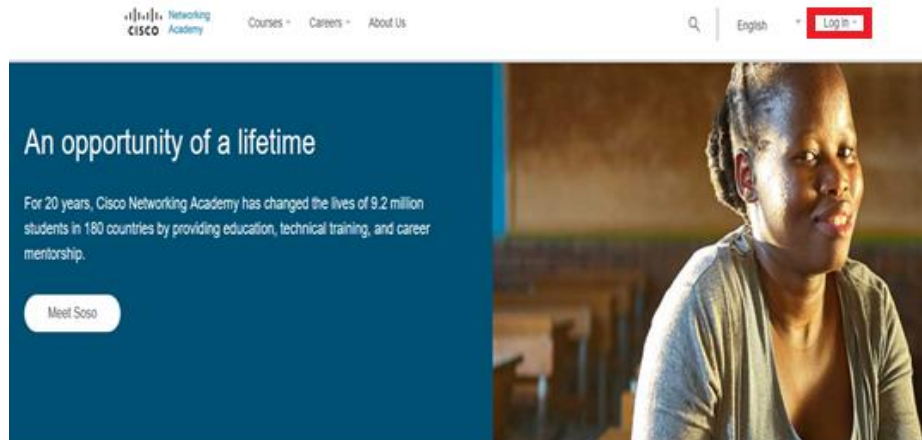
Coming Up

View Calendar

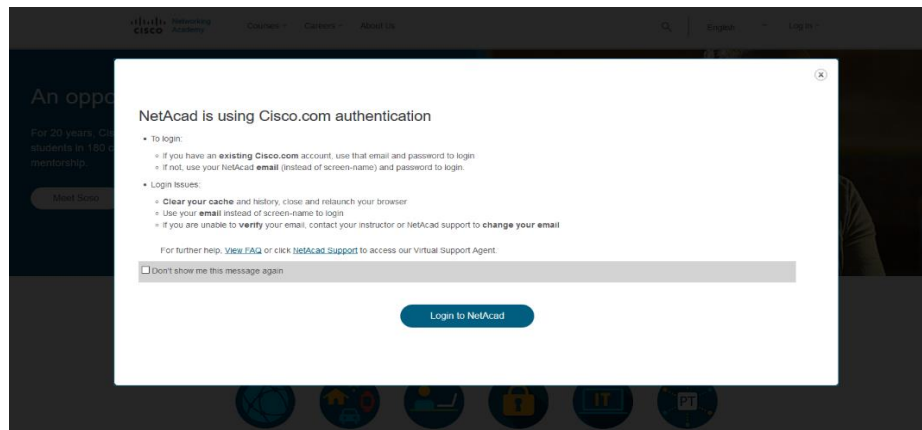
Nothing for the next week

Coaches and Mentors with a Pre-Existing Cisco Networking Academy Account

1. Please go to www.netacad.com
 - a. Click “Login” at the top right-hand corner.



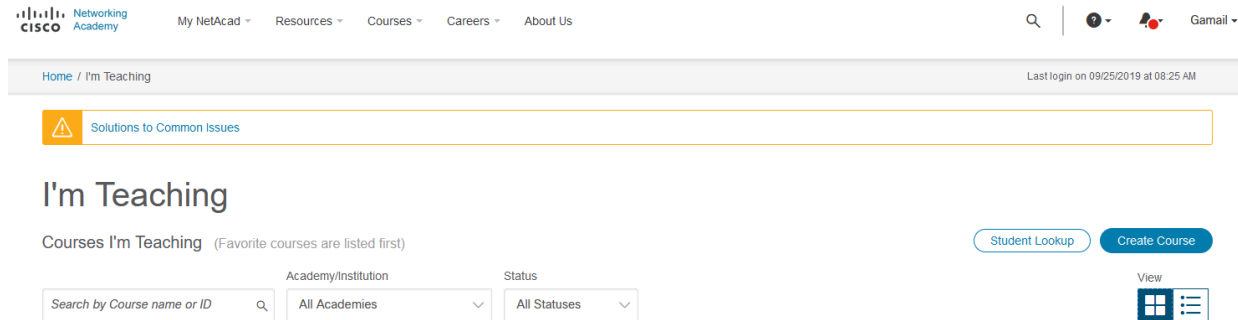
- b. Click “Login to NetAcad”



- Use your **email** instead of screen-name to login
 - c. Enter Email address and click “Next”
 - d. Enter password and click “Sign in”

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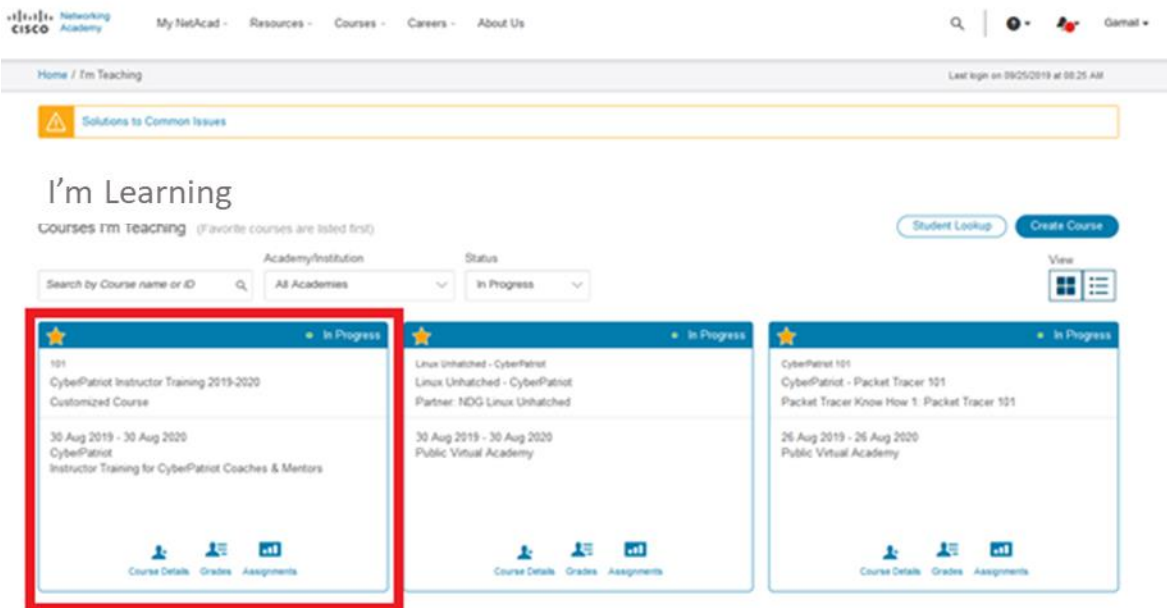
2. You will be redirected to the “My NetAcad” homepage




3. Launch and complete “CyberPatriot Instructor Training 2019-2020” under “I’m Learning” to learn general use of netacad.com including how to:

- Create a course
- Enroll students into a course
- Create Assignment

a. Launch “CyberPatriot Instructor Training 2019-2020”



b. Launch Course


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Course Setup Checklist

New Announcement

Student View

View Course Analytics

Coming Up

View Calendar

Nothing for the next week

Content Course (Competition Topics)

The Content Course consists of 19 learning modules covering the topics listed below. Note: These modules were created from chapters of different Networking Academy courses, and as such **there may be a mismatch between the module number and chapter number.** CyberPatriot **will use the module numbers.** Before each round of competition CyberPatriot **may** specify the modules that students should focus on for the challenges in the upcoming round.

- Module 1: Introduction to Networking
- Module 2: Network Protocols and Communications (Introduction to Networks, Ch. 3)
- Module 3: IP Addressing (ITN, Ch. 7)
- Module 4: Subnetting IP Networks (ITN, Ch. 8)
- Module 5: Introduction to Switch Networks (Routing and Switching Essentials, Ch. 1)
- Module 6: Basic Switching Concepts and Configuration (RSE, Ch. 2)
- Module 7: VLANs (RSE, Ch. 3)
- Module 8: Routing Concepts (RSE, Ch. 4)
- Module 9: Inter-VLAN Routing (RSE, Ch. 5)
- Module 10: Static Routing (RSE, Ch. 6)
- Module 11: Routing Dynamically (RSE, Ch. 7)
- Module 12: Single-Area OSPF (RSE, Ch. 8)
- Module 13: Access Control Lists (RSE, Ch. 9)
- Module 14: DHCP (RSE, Ch. 10)
- Module 15: Network Address Translation for IPv4 (RSE, Ch. 11)
- Module 16: Securing Network Devices (CCNA Security, Ch. 2)
- Module 17: Authentication, Authorization, and Accounting (CCNA Security, Ch. 3)
- Module 18: Implementing Virtual Private Networks (CCNA Security, Ch. 8)
- Module 19: Implementing Cisco Adaptive Security Appliance (CCNA Security, Ch. 9)

In addition to curriculum, some of these modules include Packet Tracer activities, quizzes, practice activities, and additional resources to help students learn the topics covered.

PART 2 OF 2: Where students log on to complete the Cisco networking challenge quizzes and packet tracer during a competition round.

Competition Course

1. To Access the Cisco Quiz and Packet Tracer:

- o Log on www.uscyberpatriot.org and click Competition OR go to <https://volunteer.uscyberpatriot.org/>
- o Scroll to the bottom of the Dashboard
- o Print or copy each teams Cisco Login and Password

Coach's Dashboard
(scroll to bottom of Dashboard)

Team 09-9997's Competition Information

Role	Name	Email Address	Status
Coach	Jane Johnson	janjohn@somewhere.edu	Registration Pending
Competitor	Ralph Testing	testing123@yahoo.net	Registration Pending
Competitor	Daphne Ortiz	daphne@hgy.org	Registration Pending

Team Status: Approved
Verified Info: Paul Kozlowski
Unique Identifier: 0294L8H55
Team Unique ID: 0294L8H55

Cisco Login: 099997cp
Cisco Password: 0294L8H55cp

Team 09-9998's Competition Information

Role	Name	Email Address	Status
Coach	Jane Johnson	janjohn@somewhere.edu	Registration Pending
Competitor	Chloe McCartney	chloemac@moring.co	Registration Pending
Competitor	Wesley Oberman	wob@yoursite.net	Registration Pending

Team Status: Approved
Verified Info: Paul Kozlowski
Unique Identifier: 55H0L49Z0
Team Unique ID: 55H0L49Z0

Cisco Login: 099998cp
Cisco Password: 55H0L49Z0cp

Log into the site using credentials from your Coach's Dashboard

- Note: Each teams' Cisco Login and Cisco Password is a derivative of their Team Number and Unique Identifier. Hence, if your Coach provides you with the Cisco Credentials that are completely different from your Team Number and Unique Identifier, please notify your coach of the discrepancy. Example below:

Correct	Incorrect
Team: 12-9998	Team: 12-9998
Unique Identifier: 55H0-8L49-45Z0	Unique Identifier: 55H0-8L49-45Z0
Cisco Login: 129998cp	Cisco Login: 129997cp
Cisco Password: 55H0-8L49-45Z0cp1A	Cisco Password: 55H0-8L49-45Z0

Please note, teams must not change the Cisco Login and Cisco Password on the Coaches dashboard under any circumstance. If your team have troubles logging into the competition site, please contact CyberPatriot Program Office for support at cpoc@uscyberpatriot.org. Also, do not make any profile changes to include updating email address.

2. Go to: <https://150566673.netacad.com/login/canvas>



Login

Password

☐ Stay signed in

[Forgot Password?](#)

Log In

- a. Login with the credentials from **STEP 1**
3. **PLEASE NOTE: While the team Cisco credential from Coaches' Dashboard will authenticate the canvas URL, these credentials will not be able to authenticate for the packet tracer client. Teams must use the credentials from the training account (i.e. account from Content Course for more on the Content Course, please refer to part 1 of 2 of this document)**