

Neuerungen im CCNA, CCNA Security und beim Packet Tracer

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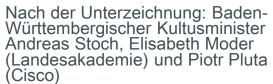
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- Neuigkeiten zum CCNA R&S Kurs
- CCNA Security 2.0
- Packet Tracer
- NetSpace Neuerungen
- Webinare für Instruktoren/innen

Akademietag 2015 in Esslingen







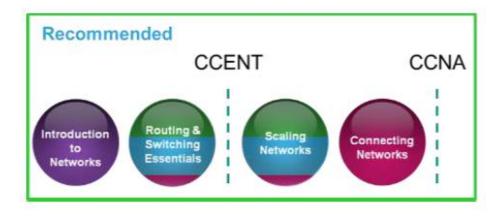


Neuigkeiten zum CCNA R&S Kurs

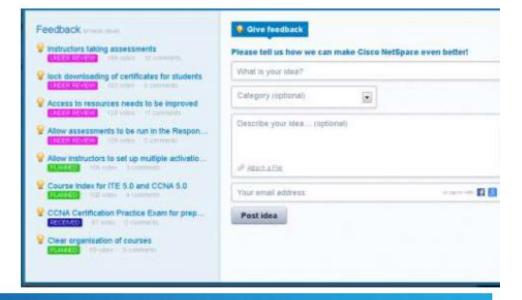


Thank you for your feedback

"ITN is too tough and too long ...
especially at the High School level"



Top 2 Course Features Requests
 Course Index
 Search Capability



CCNA R&S Enhancements

 CCNA R&S 5.03: Migration of 3 CCNA courses to the latest GUI

Improve the user experiences and course navigation Provide functionality: index, search and bookmarking

 <u>CCNA R&S 5.1:</u> Content Changes for the ITN course plus new GUI

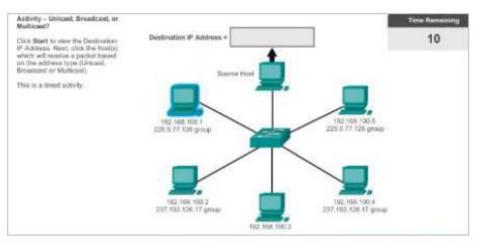
Revise and re-organize content, improve clarity and instructional flow, including assessments

Reduce students' cognitive load by simplifying the content (25-30% reduction)

Simplify CCNA labs and PT activities (50 minutes to complete)
Integrate instructional videos

Available Now (English version)





CCNA R&S Instructor Resource Spotlight

Instructor Planning Guides (IPGs)

Guidelines and best practices for teaching each chapter of the CCNA R&S courses

Teaching CCNA R&S Best Practices

Learn how CCNA R&S instructors around the world customize and modify their curriculum delivery for student success

Additional Resources

Activity Maps: alignment of activities and learning objectives

CCNA Routing and Switching Instructor Resources Spotlight

Please review these helpful resources for CCNA Routing and Switching instructors.

Curriculum Resources

- CCNA Routing and Switching Scope and Sequence Document outlining the course objectives and goals.
- CCNA Routing and Switching FAGs Answers to frequently asked questions on CCNA R&S curriculum.
 CCNA R&S courses and semester format CCNA R&S courses are designed to allow you to tailor your instructi
- within a 70-hour semester format.
- Leveraging CCNA R&S Resources NetAcad's recommendations in teaching CCNA R&S ITN course.
- Teaching CCNA R&S Best Practices Methods and materials collected from CCNA R&S instructors around the and modifying their curriculum delivery for student success.
- CCNA ITM Instructor Planning Guides Guidelines and best practices for teaching each chapter of the CCNA R
- CCNA ITN Activity Map Summary of the learning objectives and resources needed for every activity in the CC

Assessment Resources

- NetAcad Assessment Resources Spotlight Tutorials on NetAcad assessments, including activating and manag quizzes, using Assessment Viewer, etc.
- Assessment FAQ Answers to frequently asked questions on Assessments

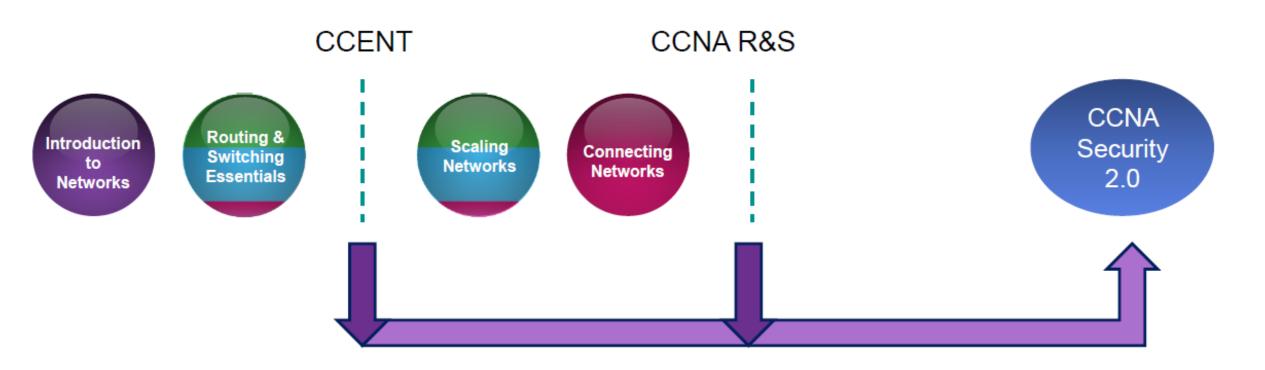
https://www.netacad.com/group/offerings/ccnars-instructor-resource-spotlight

CCNA Security 2.0



Move from CCENT Courses to CCNA Security 2.0

- Students can complete CCENT courses then enroll in CCNA Security
- Students can also complete all CCNA R&S courses and then enroll in CCNA Security



New in Version 2.0

- Aligns with updated CCNA Security (IINS) Certification Exams (210-260)
- Focus on router and switch CLI-based configurations
- Updated and expanded content: IPS (nextgeneration IPS), Firewall (next-generation FW), VPNs, End-point Security, Web Security
- New topics added to align with certification changes:
 - Introductory / No labs :
 - Cisco Identity Service Engine (ISE)
 - o 802.1x
 - BYOD and MDM
 - Network Topologies
 - Cisco Cloud Web Security
 - Network Security for a virtual environment
 - ASA configuration using ASDM (Chapter 10)

- Aligns to latest version of Packet Tracer, PT 6.2
- Cisco Configuration Professional content removed.
- Reduced ACL content which are covered in CCNA R&S ITN and RSE.



CCNA Security 2.0 Equipment Requirements

- Leverages CCNA Routing and Switching equipment bundle and topology
- NDG NETLAB+ can be enabled for remote lab equipment operation.

The required Advanced IP Services feature set (ISR G2) and the Security (SEC) technology package license are available

for academies that are part of Networking Academy Maintenance

Minimum Requirements

Curriculum requirements:

1 Student PC per student

Lab bundle requirements:

3 Cisco routers, 2 with the SEC technology package

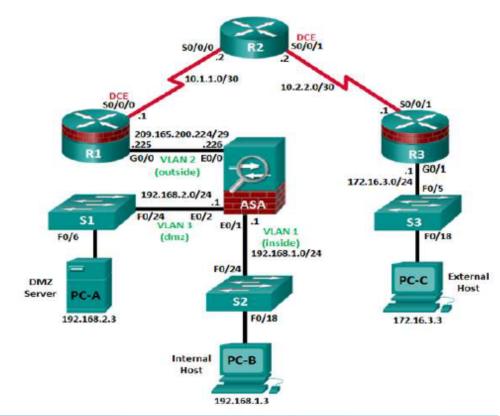
3 two-port serial WAN interface cards

3 Cisco switches

1 Cisco Adaptive Security Appliance (ASA)

Assorted Ethernet and Serial cables and hubs

Detailed equipment information is available in the Instructor Lab Manual and the CCNA Security Equipment List located in the CCNA Security resources folder on Cisco NetSpace.



Packet Tracer 6.2



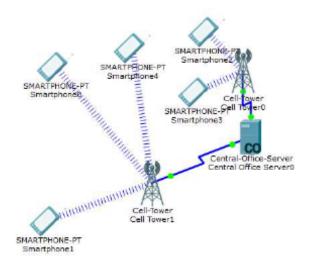
Cisco Packet Tracer 6.2 (Desktop)

- New devices: Cisco 819 router, cell tower, CO server, sniffer
- Improved physical view: You can add devices directly into physical view
- Improved HTTP server: Supports JavaScript and CSS, also supports import files via FTP server inside PT
- Improved IOS command support
- Released in NetSpace:

https://www.netacad.com/group/offerings/packet-tracer

Physical Device View





Physical Device View



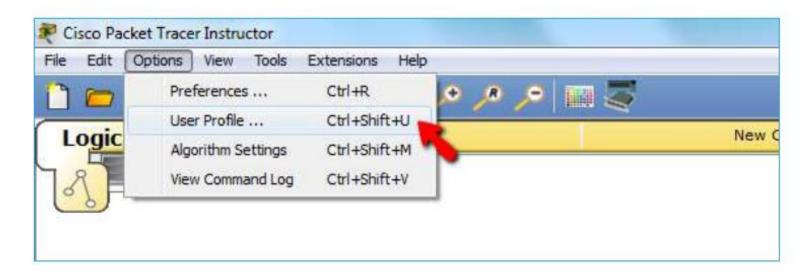
Minimum version of Packet Tracer

- NetAcad strongly recommends using the latest available version of Packet Tracer and Java for all course and assessment activities
- There is a minimum version that must be used per curriculum for activities and assessments to work properly

https://www.netacad.com/documents/301287/922878/Minimum+PT+version.pdf/b43c645b-3879-46da-aff6-b814cddd1b73

Curriculum	Minimum Packet Tracer Version Required	
IT Essentials 5.0	PT 6.2	
CCNA Routing and Switching	PT 6.2	
CCNA Discovery and CCNA Exploration	PT 6.2	
CCNA Security v 1.2	PT 6.2	
CCNA Security v 2.0	PT 6.2	
Introduction to the Internet of Everything v1.1	PT 6.2	
Introduction to the Internet of Everything v1.2	PT 6.2	

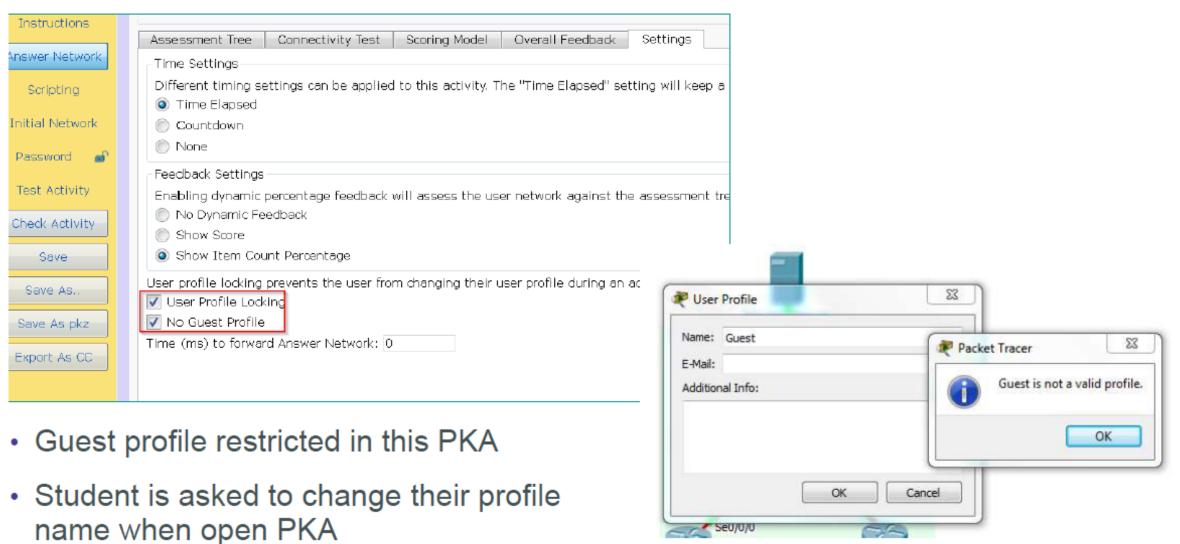
PT User Profile



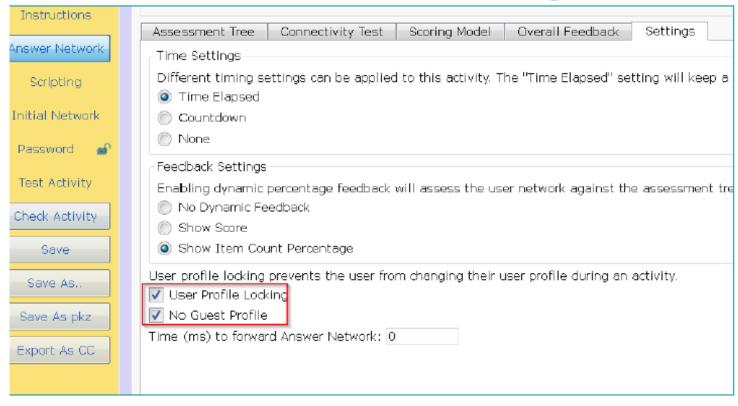


- Students can set Name and Email for PT User Profile per PKA
- Their completed PKAs can be then identified by instructor
- Guest profile is used by default
- Usage of Guest profile can be restricted by instructor in PKA settings

PKA No Guest Profile

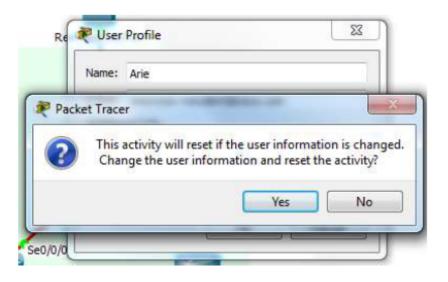


PKA User Profile Locking

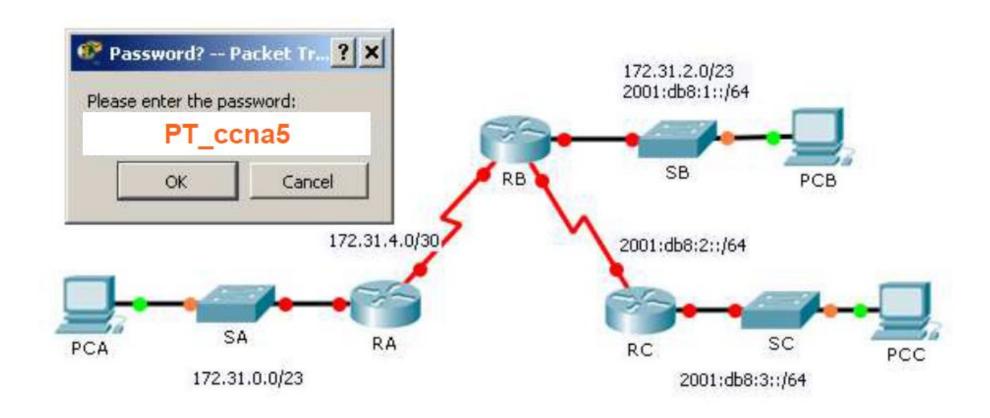


- User profile cannot be changed for completed task
- Students are enforced to change their profile name
- That prevents cheating by copying





The password of PKA files in CCNA R&S is

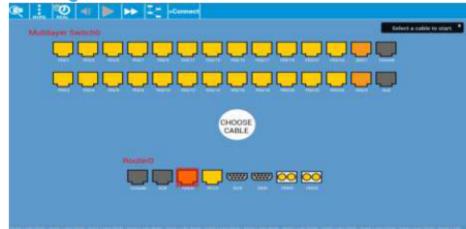


Cisco Packet Tracer Mobile 2.0 (Android)

- Packet Tracer for Android tablets!
- 2nd major release of Packet Tracer for Android
- Optimized for screens with a minimum size of 7 inches
- Supports multiple Android tablets with ARM CPUs running Android 4.2.x to Android 5.0
- Simulation engine is based on Packet Tracer 6.2
- Reference topologies included
- Tips of Day will be displayed when loading the application
- Users need to be authenticated by logging into the Cisco Networking Academy® Cisco NetSpace™ application before the Packet Tracer Mobile app is activated. Non-Netacad user can request trial access to the application with limited functions.
- After the initial authentication, Internet connection is NOT required.
- Available Now in Google Play!

What's New:

- 1. New PT 6.2 engine
- Guest login mode: Allowing Non-NetAcad user trial access with limited functions
- Display Tips of the Day when loading
- 4. Improved user interface
- Bug fixes



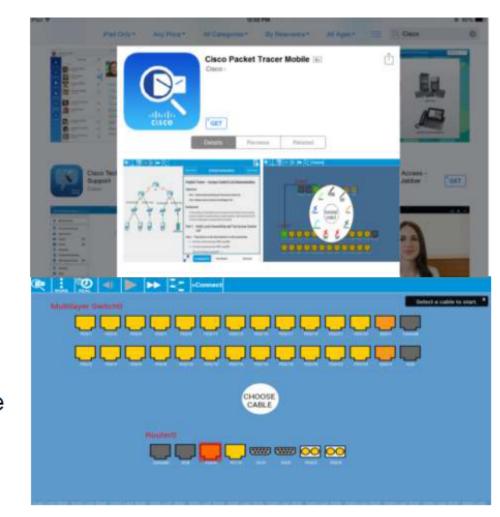




https://play.google.com/store/apps/details?id=com.netacad.PacketTracerM&hl=en

Cisco Packet Tracer Mobile iOS

- First release of Packet Tracer for iOS phones and tablets
- Supports iPhone and iPad running iOS 8
- Supports both 32bit and 64bit devices
- Simulation engine is based on Packet Tracer 6.2
- Reference topologies included
- Tips of Day will be displayed when loading the application
- Users need to be authenticated by logging into the Cisco Networking Academy® Cisco NetSpace™ application before the Packet Tracer Mobile app is activated. Non-Netacad user can request trial access to the application with limited functions.
- After the initial authentication, Internet connection is NOT required.





https://itunes.apple.com/us/app/id1015041980

Packet Tracer Know How 1: Packet Tracer 101

- The first of the "Packet Tracer Know How Series" course
- Designed for new users of Packet Tracer for self study and familiarization of Packet Tracer
- 3 chapters, 1 hands-on activity, 1 quiz and a survey
- By taking this course, students will develop a basic understanding of Packet Tracer:
 - √ the navigation of user interfaces
 - ✓ the difference between logical view and physical view
 - √ how to build a simple network topology
 - √ how to complete a Packet Tracer Activity
- Recommended length of study is 1 hour
- Released in NetSpace for self-enrollment:

https://www.netacad.com/group/offerings/self-enroll-courses

5000+ enrollments in three months



Packet Tracer Know How Series

Packet Tracer 101

As the first of the Packet Tracer Know How series of community developed courses, Packet Tracer 101 is designed for new users of Packet Tracer for self-study and familiarization with the tool.

Topics covered:

- · The navigation of main user interfaces
- · Difference between logical views and physical views
- How to build a simple network topology
- How to complete a Packet Tracer activity

Learning Components

- 3 chapters
- · Files and demos
- · 1 hands-on learning activity
- 1 quiz

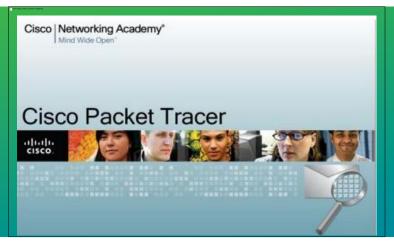
Prerequisites: None

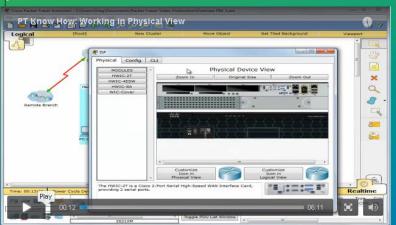
Languages: English

Course Delivery: Self-Paced

Estimated Time to Complete: 1 hour



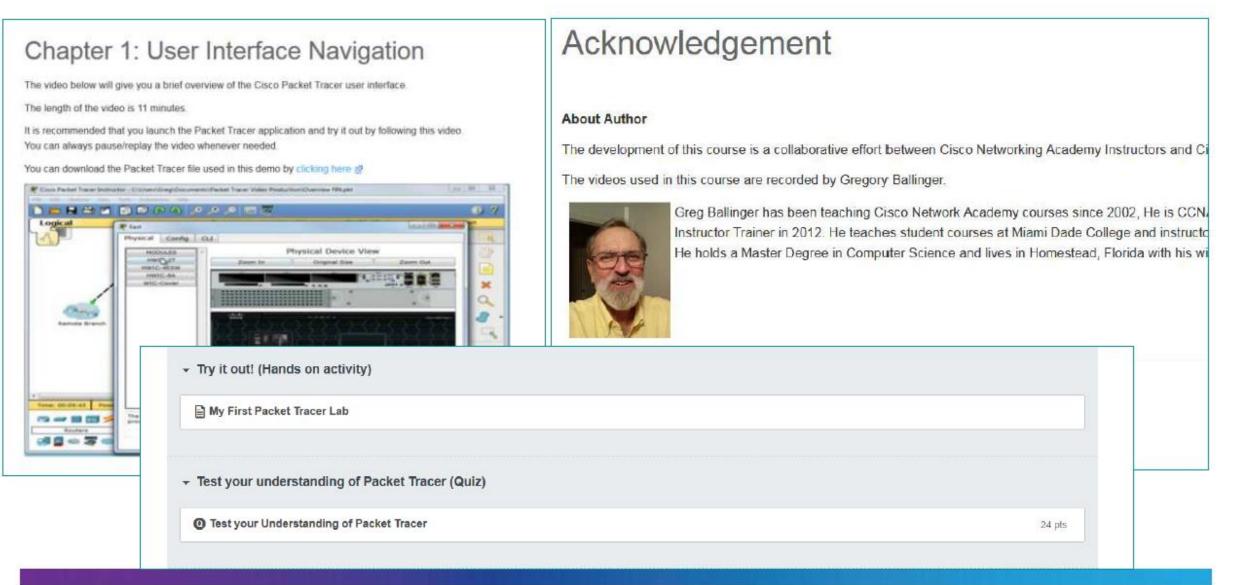




Series Overview

The Packet Tracer Know How Series introduces tips and best practices to help instructors and students use Cisco Packet Tracer as an effective and engaging learning and assessment tool.

Packet Tracer Know How 1: Packet Tracer 101



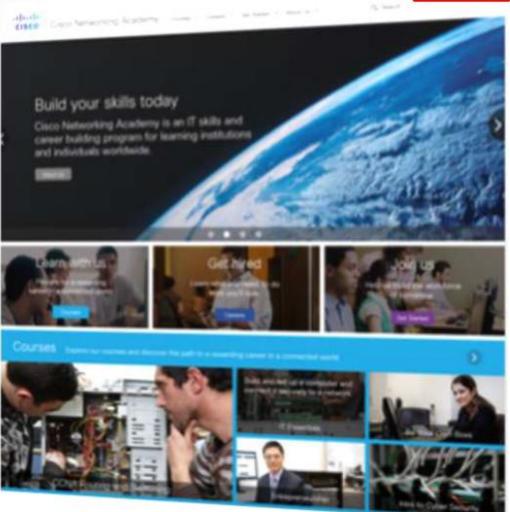
Neuerungen bei NetSpace



New NetAcad Pre Login Page

- Our top courses are highlighted on the front page
- A new careers section
- The site is available in English, French and Spanish
- Improvements to the Academy Locator
- Redesigned with mobile in mind
- Login has moved





Unclutter the Instructor Course List

As an Instructor, I want to quickly access the courses I am teaching.

Before:

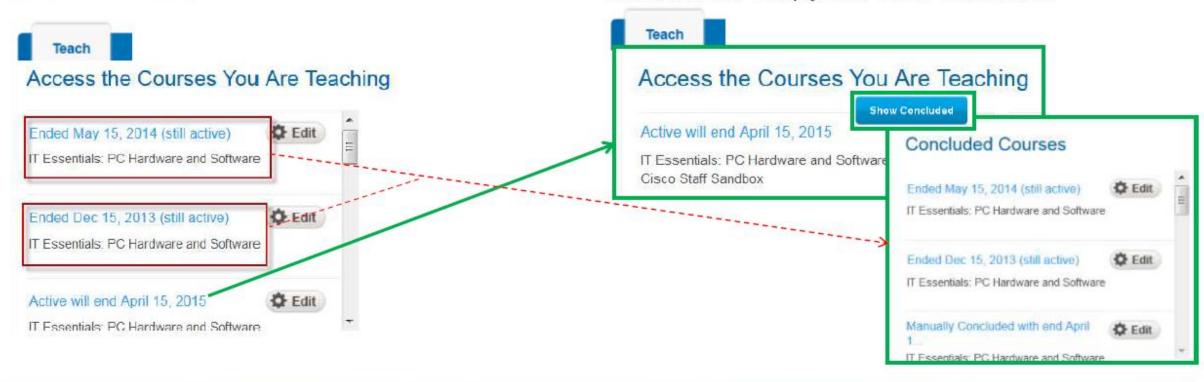
Active course list cluttered.

Instructors must manually conclude courses in canvas to remove from Active list.

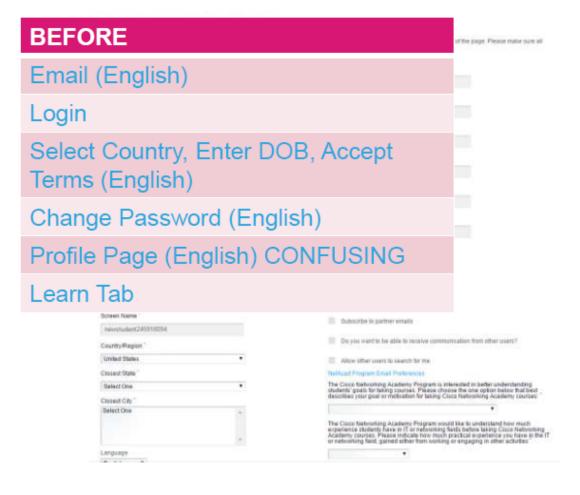
After:

Active course list shows current courses only.

All courses past end date will be automatically moved to the concluded list. Simply click "Show Concluded".



Improve New User Onboarding



1. Déclaratione préalables Cisco gère et fournit, dans le cadre du programme Cisco Nethrotiling Academy (diagnés le « Programme »), un accès à une germe de sière nternet et de microstins associés au Programme (ci-après les « Sées »), accessibles aux utilisateurs (nutaminant étudiants, non-étudiants et anciens étudiants) possédant un Nom d'utilisateur et un Mot de passe Cisco NetSpace. Les Sées contiennent des informations relatives au Programme et visient également à permettre la collaboration et les réseaux sociaux (ci après les « Services ») entre des utilisateurs tels que vous. Les Services permettent aux utilisateurs de créer des profis personnels (chacun étant désigné comme un « Profil ») pouvant faire l'objet d'une recherche et étie affichés par d'autres utilitateurs. Les Services pressent également en charge des farums de discussion, des messageries instantanées, des messageries électroniques, des outils d'enquête, des blogs, des wikin et d'autres outils collaboratifs que Cisco peut, à son Tamellorer, de restreindre ou de résiler le ou les **AFTER** sur. Sites of aux Services du Programme - ainsi que une divergence exists entre les deux, les Conditions egil l'ensemble de soe consultations du nu des Silves kal rentera applicable à vos consultations artistieures Email (8 languages) na stu present Control. Cisco s'effortera, dans la regio, en les publient sur le ou les Sites). Vous serez i modifications du Contrat. Si vous n'acceptez pes ces Login de période de cinq issurs ouvrables, vous sener republi l-être telecharger un logiciel et/ou accepter dess seront alors incorporées au présent Contrat. Answer all required questions on 1 Langue Français progressive screen (8 languages) English 中国 日本語 Change Password (8 languages) Polish Español Français DACCANUS Learn Tab

Conditions générales d'utilisation des sites et des services de Cisco Networking Academy

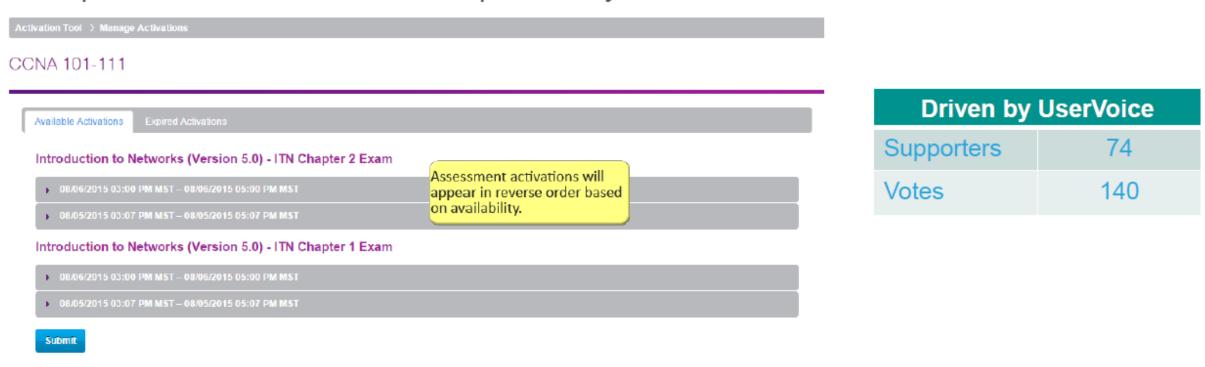
Veuillez indiquer quelle expérience pratique vous avez en IT ou en networking, et si vous l'avez eue en travaillant ou en vous impliquant dans d'eutres activités.		eue en travaillant ou en vous impliquant dans	Veuillez choisir l'aption ci-dessous qui décrit le mieux votre objectif votre motivation à prendre Claca. Emisager une carrière en informatique ou dans l	
Moins d'un an		•		
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e Oui	Non	Fartages mes coordonnées avec des employeurs		
Eproper	_ 1401			

German.

Future Activation Enhancements

Challenge: System only supported single activations of chapter and final exams

Enhancement: Ability to support multiple activations of any exam. Activations cannot overlap each other and should be separated by at least 1 minute.

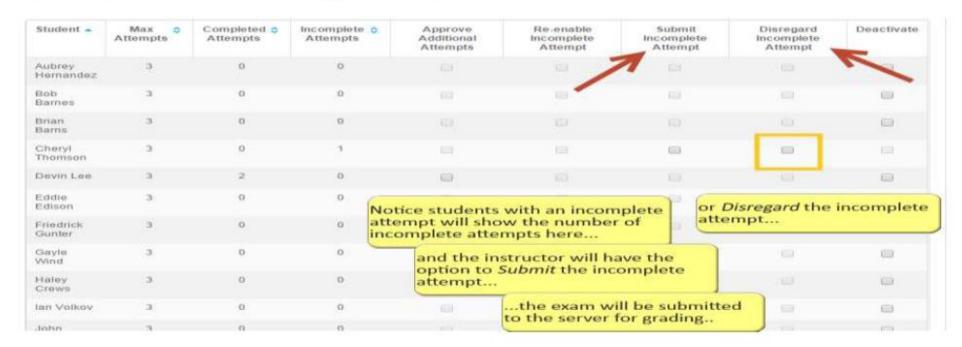


http://training.netacad.com/future activations/future activations.htm

Managing Incomplete Assessments

Challenge: Instructors requested to have the option on how to handle incomplete exam attempts:

Enhancement: Added 2 columns to Activation Tool to enable instructors to have more control of how to handle incomplete exams.



http://training.netacad.com/incompletes/incompletes.htm

Useful Assessment Features

Features	Description	Tutorial
Assessment Viewer	Enable instructor to view the exam questions	http://training.netacad.com/activation _tool/assess_activation_viewer/asse ss_activation_viewer.htm
Activation Profile Enhancements	- Exam Duration - Toggles for Student Feedback	http://training.netacad.com/activation tool/assess_tool_profile/assess_too l_profile.htm
PTMOs	Removal of PTMOs from all Final Exams	
Final Exam Activation	Extend Final Exam Activation from 8 hrs to 1 week	

Webinare für Instruktoren/innen



Global IPD Week: 28 Sept - 2 Oct, 2015



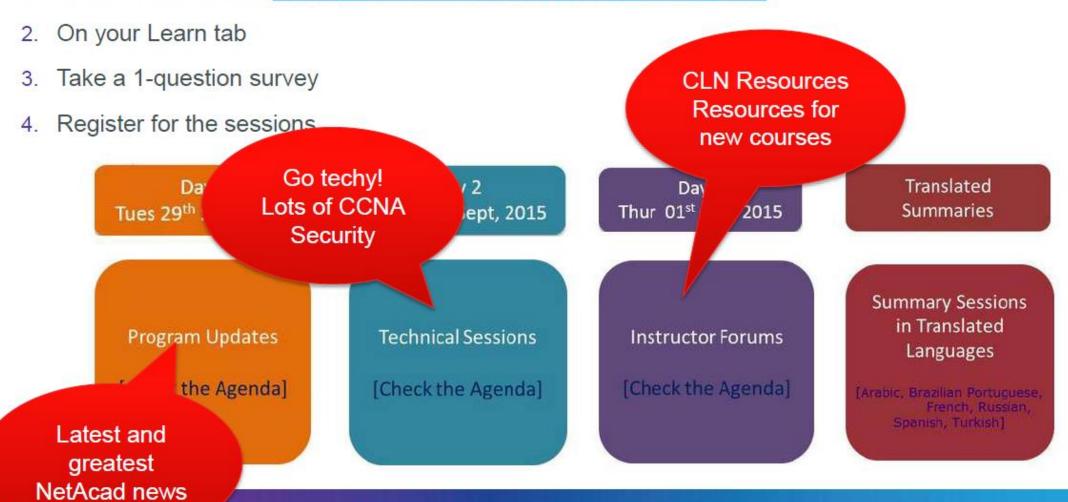
Meet the Technical Field Engagement Team
Cisco Corporate Affairs

Click for Information on our September Global IPD Week SWEEPSTAKES!

Certificate of Attendance information

Global IPD Week – Register Now!

Enroll to the course: https://1040239.netacad.com/enroll/CCYJ8M



Thank you.

CISCO Cisco Networking Academy
Mind Wide Open