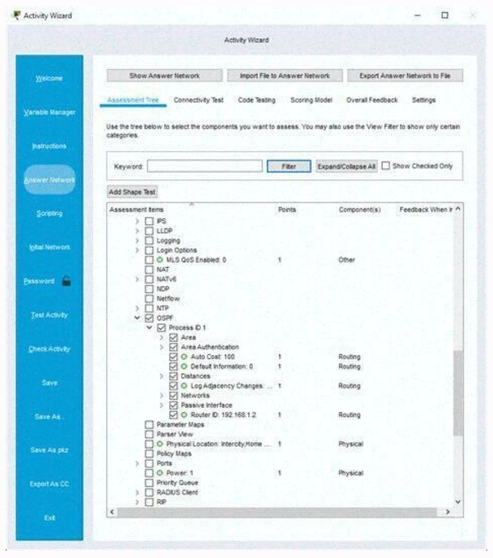


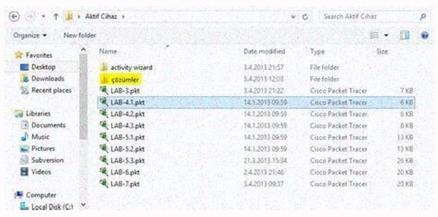
I am not robot!

Cisco packet tracer activity wizard

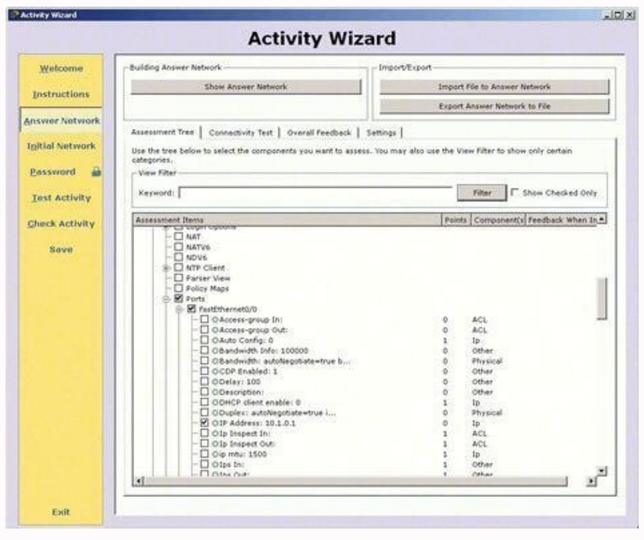
Cisco Packet Tracer 8.2 Release Installing Packet Tracer Software Using Packet Tracer Cisco Packet Tracer 8.2 Release What is Cisco Packet Tracer? Cisco Packet Tracer is a comprehensive, networking technology teaching and learning program that offers a unique combination of realistic simulation and visualization experiences, assessment and activity authoring capabilities, and opportunities for multiuser collaboration and competition. The innovative features of Packet Tracer help students and teachers collaborate, solve problems, and learn concepts in an engaging and dynamic social environment. Some of the benefits of Packet Tracer are: Provides a realistic simulation and visualization learning environment that supplements classroom equipment, including the ability to see internal processes in real-time that are normally hidden on real devices Enables multi-user, real-time collaboration and competition for dynamic learning Enables authoring and localization of structured learning activities such as labs, demonstrations, quizzes, exams, and games Empowers students to explore concepts, conduct experiments, and test their understanding of network building Allows students and teachers to design, build, configure, and troubleshoot complex networks using virtual equipment Supports a variety of teaching and learning opportunities such as lectures, group, and individual labs, homework, games, and competitions Supports feature expansion through external applications using an API to enhance the functionality of Cisco Packet Tracer in areas such as curriculum and assessment delivery, games, accessibility, and interfacing with real equipment. How can I obtain Cisco Packet Tracer? Cisco Packet Tracer is available free of charge to all Cisco Networking Academy® instructors, students, and alumni. Please follow these instructions to download the software from the NetAcad.com learning environment: Log in to Cisco NetAcad.com Select Resources > Download Packet Tracer You can also sign up for the free “Getting Started with Cisco Packet Tracer” course on SkillsForAll.com to learn how to download, install, and get started. What if I do not have NetAcad.com account? The latest version of Cisco Packet Tracer requires user authentication. A NetAcad.com or a SkillsForAll.com account is required to sign in when you launch Cisco Packet Tracer. Please ask your instructor for a NetAcad.com account or enroll for free in the “Getting Started with Cisco Packet Tracer” course on SkillsForAll.com for full access to Packet Tracer. What’s new in Cisco Packet Tracer 8.2? Cisco Packet Tracer 8.2 provides a better learning experience. It includes improvements for accessibility, security, and bug fixes for better software quality. Other improvements included are: Option to choose the Cisco Networking Academy Login Server (for data compliance) Packet Tracer Activities (PKAs) User’s Profile Name and Timestamp have been added to the title bar Additional Help documentation has been added, including more accessibility information. Cisco Packet Tracer 8.2 is built upon Packet Tracer 8.0 and 8.1 and includes the following updates: The Packet Tracer Tutored Activities (PTTA), a new type of activity that provides hints to the learner along the way if they want them. Packet Tracer Tutored Activities (PTTA) are designed to provide a more personalized and equitable learning experience. The Enhanced Physical Mode brings you into the virtual lab for a realistic experience of cabling devices on the rack. Reinforce critical skills such as device placement (Rack & Stack), switching on device power, device port-to-port cabling (including cable choice and management), troubleshooting, and more. A Network Controller, which is similar to real-world SDN Controllers like Cisco DNA Center and APIC-EM. You can practice a centralized network management approach using the Network Controller model. The Network Controller, using its Web GUI or using its APIs, gives you a centralized dashboard to view the network’s state, quickly identify & troubleshoot issues, and push configuration changes to all managed devices at once. Plus, you can access the Network Controller from real-world applications running on your computer, like a browser, Python, or Postman, to execute your own infrastructure automation scripts. How are Packet Tracer Tutored Activities different from Packet Tracer Activities?
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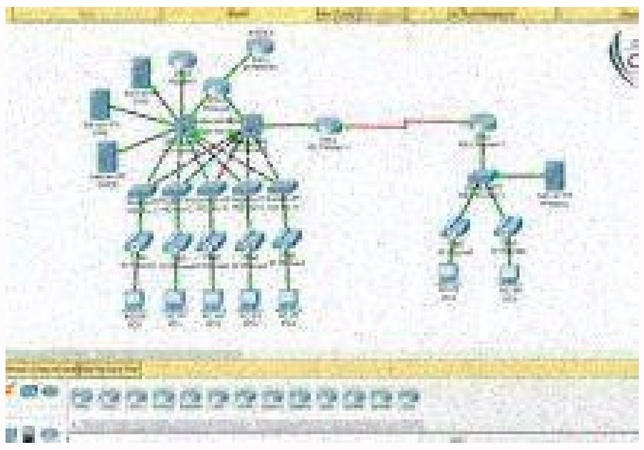
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Installing Packet Tracer Software Can students and instructors install Cisco Packet Tracer on their home computers or personal laptops? Yes. Cisco Packet Tracer can be freely distributed to any Networking Academy instructor, student, or alumni. This enables students to use Cisco Packet Tracer on any computer outside of class for homework, practice, and exploratory learning. On what platforms can I install and run Cisco Packet Tracer 8.2? Cisco Packet Tracer 8.2 is compatible with the following platforms: Microsoft Windows 8.1, 10, 11 (32 bit and 64bit), Ubuntu 20.04, 22.04 LTS (64bit) and macOS 10.14 or newer (64 bit). What are the system requirements for Cisco Packet Tracer 8.2? 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Layer Cisco Packet Tracer Supported Protocols Application FTP, SMTP, POP3, HTTP, TFTP, Telnet, SSH, DNS, DHCP, NTP, SNMP, AAA, ISR, VOIP, MQTT, SCCP config and calls ISR command support, Call Manager Express Transport TCP and UDP, TCP Nagle Algorithm & IP Fragmentation, RTP Network BGP, IPv4, ICMP, ARP, IPv6, ICMPv6, IPSec, RIPv1/v2/ng, Multi-Area OSPF, OSPFv3, EIGRP, EIGRPv6, Static Routing, Route Redistribution, Multilayer Switching, L3 QoS, NAT, CBAC, Zone-based policy firewall, and Intrusion Protection System on the ISR, GRE VPN, IPSec VPN, HSRP, CEF, SPAN/RSPAN, L2NAT, PTP, REP, LLDP Network Access/Interface Ethernet (802.3), 802.11, HDLC, Frame Relay, PPP, PPPoE, STP, RSTP, VTP, DTP, CDP, 802.1q, PAgP, L2 QoS, SLARP, Simple WEP, WPA, EAP, VLANs, CSMA/CD, EtherChannel, DSL, 3/4 G network support Does Packet Tracer support all the features found in Cisco devices? No. The program supports a subset of the features from Cisco devices. 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To access the Support Desk, log in to Cisco NetAcad.com and click Help at the top of the page, then select NetAcad Support. How can I report bugs in the Cisco Packet Tracer application? Please report bugs and errors pertaining to Cisco Packet Tracer software operation issues by clicking on the Help menu in Cisco Packet Tracer and then select “Report an Issue”. You will be taken to the development team’s bug tracking software. Please fill out the forms completely to give us the best chance to verify and fix the issue. If you are reporting an error in a Packet Tracer Activity, please report through the NetAcad.com Global Support Desk instead. Where can I discuss using Cisco Packet Tracer in the classroom, ask other instructors for ideas and feedback, or share Cisco Packet Tracer activities that I have developed? To collaborate with other instructors, join the Cisco Packet Tracer Community discussion. To access the communities, log in to Cisco NetAcad.com and click Help at the top of the page, then select Community Forums. This will open the Networking Academy community page where you can join the Cisco Packet Tracer community. Which version of Cisco Packet Tracer should I use for CCNA 7.02?
For CCNA 7.0.2, Cisco Packet Tracer 8.0.1 64-bit is the minimum version for new activities and new PTSA to work properly. Due to the extensive set of graphics included, the Exploration scenarios activities may experience performance issues in Cisco Packet Tracer 32-bit version. Can I install multiple Cisco Packet Tracer versions simultaneously? You may have multiple Cisco Packet Tracer versions installed simultaneously for Windows and macOS, but PTSAs will launch, by default, using the latest installed version of Cisco Packet Tracer. Cisco Packet Tracer is running slowly on my device. What can I do to improve performance? The minimum system requirements allow for the basic use of Cisco Packet Tracer in creating small to medium-size networks. It is recommended that you use a faster machine with more memory to create large networks. You can turn off the Sound and Animation options to increase performance. Some screen reader software may cause a slowdown in performance, which is due to the extra processing required to query Cisco Packet Tracer for screen reader information. Some text in the Cisco Packet Tracer application is cut off or not correctly displayed. Can I adjust the font settings? The font sizes in the Packet Tracer application can be configured from the Preferences → Fonts tab. You may set the entire application scale to fit your needs, and optionally adjust text sizes of various dialogs. Why do I see two Cisco Packet Tracer processes in my Task Manager (or equivalent tool)? Since version 8.1, Cisco Packet Tracer will start two processes for the application: the main process, plus an accessory process (lower memory usage) to aid the main process where applicable. Where is the "Reset Activity" functionality gone to in Cisco Packet Tracer 8.1 or higher?
Since Cisco Packet Tracer 8.1 the “Reset Activity” is in the File Menu. Can instructors create or edit the new Packet Tracer Tutored Activity (PTTA)? No. Currently, only Cisco can create or edit PTTA activities. When I log into Packet Tracer with my Netacad.com account, I receive an error "Sorry, we can't find a NetAcad account associated with this Cisco account." How can I resolve this? There can be two possible causes why this error can occur: This may happen if you have registered on NetAcad.com but have not enrolled into a course. Please enroll in any of the available courses and you should be able to log in. There may be a mismatch between your email addresses between NetAcad.com and Cisco login. Please contact the support desk to resolve this issue. In Packet Tracer Physical Mode, how can I move a misplaced cable back to the pegboard of a Wiring Closet?



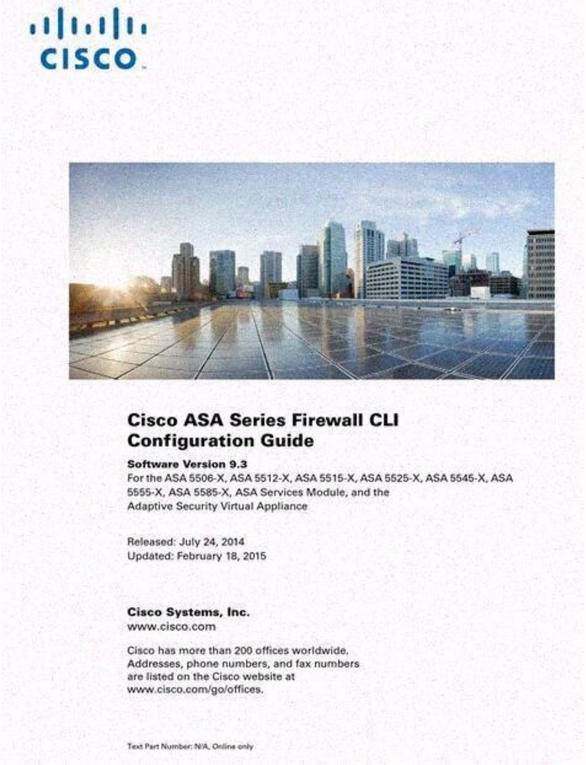
Cisco Packet Tracer is available free of charge to all Cisco Networking Academy® instructors, students, and alumni. Please follow these instructions to download the software from the NetAcad.com learning environment: Log in to Cisco NetAcad.com Select Resources > Download Packet Tracer You can also sign up for the free “Getting Started with Cisco Packet Tracer” course on SkillsForAll.com to learn how to download, install, and get started. What if I do not have NetAcad.com account?



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Due to the extensive set of graphics included, the Exploration scenarios activities may experience performance issues in Cisco Packet Tracer 32-bit version.
Can I install multiple Cisco Packet Tracer versions simultaneously? You may have multiple Cisco Packet Tracer versions installed simultaneously for Windows and macOS, but PTSAs will launch, by default, using the latest installed version of Cisco Packet Tracer. Cisco Packet Tracer is running slowly on my device. What can I do to improve performance? The minimum system requirements allow for the basic use of Cisco Packet Tracer in creating small to medium-size networks. It is recommended that you use a faster machine with more memory to create large networks. You can turn off the Sound and Animation options to increase performance. Some screen reader software may cause a slowdown in performance, which is due to the extra processing required to query Cisco Packet Tracer for screen reader information.
Some text in the Cisco Packet Tracer application is cut off or not correctly displayed. Can I adjust the font settings? The font sizes in the Packet Tracer application can be configured from the Preferences → Fonts tab. You may set the entire application scale to fit your needs, and optionally adjust text sizes of various dialogs. Why do I see two Cisco Packet Tracer processes in my Task Manager (or equivalent tool)? Since version 8.1, Cisco Packet Tracer will start two processes for the application: the main process, plus an accessory process (lower memory usage) to aid the main process where applicable. Where is the "Reset Activity" functionality gone to in Cisco Packet Tracer 8.1 or higher? Since Cisco Packet Tracer 8.1 the “Reset Activity” is in the File Menu.
Can instructors create or edit the new Packet Tracer Tutored Activity (PTTA)? No. Currently, only Cisco can create or edit PTTA activities. When I log into Packet Tracer with my Netacad.com account, I receive an error "Sorry, we can't find a NetAcad account associated with this Cisco account." How can I resolve this? There can be two possible causes why this error can occur: This may happen if you have registered on NetAcad.com but have not enrolled into a course. Please enroll in any of the available courses and you should be able to log in. There may be a mismatch between your email addresses between NetAcad.com and Cisco login. Please contact the support desk to resolve this issue.
In Packet Tracer Physical Mode, how can I move a misplaced cable back to the pegboard of a Wiring Closet? You must place the mouse cursor over a connector of the cable, press and hold down the left mouse button, then move the mouse to an available pegboard cable slot while still holding down the left mouse button. When the pegboard cable slot becomes highlighted you can release the left mouse button and the cable will move back to the pegboard. Which Cisco Packet Tracer course should I take first if I am new to Packet Tracer?
The “Getting Started with Cisco Packet Tracer” course (2 hours) is a quick on-ramp course for those who are new to Packet Tracer. This course is designed to familiarize you with the Cisco Packet Tracer simulation and visualization environment, and it showcases recent features and the latest user interface. You should complete this course before starting other Cisco Networking Academy and Skills for All courses that include Packet Tracer activities. Which course is recommended if I want to start practicing networking skills with Cisco Packet Tracer? The “Exploring Networking with Cisco Packet Tracer” course (3 hours) is what you need. You will get valuable tips to practice networking skills using Cisco Packet Tracer. You will learn how to connect and configure devices in a small office network, see how packets travel across a network using simulation mode, and explore how a network controller can be used to manage and configure a network. This course is designed for learners who have previously completed the “ Getting Started with Cisco Packet Tracer” course.
Which course is recommended if I want to start practicing IoT (Internet of Things) skills with Cisco Packet Tracer? The “Exploring IoT with Cisco Packet Tracer” course (3 hours) is what you need.
You will become familiar with IoT devices available on Cisco Packet Tracer, you will learn how to connect and monitor devices in a smart home network and how to modify environmental controls that may affect IoT devices. You will even learn how to create your own IoT device. This course is designed for learners who have previously completed the “Getting Started with Cisco Packet Tracer” course. I’m an advanced Cisco Packet Tracer user.
What learning resources are available to me? To learn more about the many Cisco Packet Tracer features, you can access the Help files (from the Packet Tracer menu) that contain comprehensive documentation on almost all the features in Packet Tracer. Plus, find the Tutorials here to learn about additional features you may be interested in. You can also join the (instructor) Cisco Packet Tracer Community where you can interact with other Packet Tracer experts. Is there an End-of-Life date announced for the Introduction to Packet Tracer course on NetAcad.com? Yes. The English and Ukrainian versions of Introduction to Packet Tracer course reached End-of-Life (EOL) with last class start date of July 31, 2022. Educators may start taking advantage of the Instructor-Guided Learner Experience on Skills for All to enroll learners to the most updated Cisco Packet Tracer courses now available on SkillsForAll.com. Find the courses at . Learners may access SkillsForAll.com using their NetAcad.com credentials. Is the Introduction to Packet Tracer (NetAcad.com) course still available for self-placed learners? No, for the best learning experience, new self-placed learners will be redirected to the updated Cisco Packet Tracer courses on SkillsForAll.com. Should a learner who has already taken Introduction to Packet Tracer on NetAcad.com take the three new Packet Tracer courses available on SkillsForAll.com? Yes, learners should take the opportunity to enroll to the new Cisco Packet Tracer Courses to explore the latest Packet Tracer interface, see the most recent features (such as the Network Controller and the Enhanced Physical Mode), and explore the new Packet Tracer Tutored Activities (PTTA). How can I earn the “Introduction to Packet Tracer” badge? You must pass the Introduction to Packet Tracer Exam available on SkillsForAll.com. This assessment covers the core concepts and skills presented in the following three courses: “Getting Started with Cisco Packet Tracer”, “Exploring Networking with Cisco Packet Tracer”, and “Exploring IoT with Cisco Packet Tracer”. If you are already enrolled in the "Introduction to Packet Tracer" course on NetAcad.com, you will be able to obtain the badge by passing the final assessment of the course. Why does my command line use text to speech or voiceover that speaks the output on my Mac?
For accessibility requirements and limitations of the command line with screen readers, a text to speech synthesizer has been added to the command line to speak the output by default. You may disable this behavior in Preferences and Select the checkbox “Disable CLI Text to Speech” option. Why are my tabs in my device configurations not showing up? Your Packet Tracer preferences may have been corrupted. You can fix this issue by going into Preferences -> Show/Hide tab and uncheck any item that are hiding the tabs you want. If you are unable to access this tab, you can manually reset your preferences to the default. To do this, you must delete PT.conf file from Windows: "C:\Users\....\Cisco Packet Tracer 8.2.0", macOS: "~/Cisco Packet Tracer 8.2.0" and Linux: "~/pt" and restart Packet Tracer. If you changed the default name during installation, replace “Cisco Packet Tracer 8.2.0” with the name that you used. My PTSA exam is not starting, and my PT Exam Player is disabled, how do I fix this? Your Packet Tracer preferences may have been corrupted. To fix this, you must delete PT.conf file from Windows: "C:\Users\.....\Cisco Packet Tracer 8.2.0", macOS: "~/Cisco Packet Tracer 8.2.0" and Linux: "~/pt" and restart Packet Tracer. If you changed the default name during installation, replace “Cisco Packet Tracer 8.2.0” with the name that you used. Why do my dialogs have a blank black window and as a result I cannot use Cisco Packet Tracer? Please check that you meet the minimum system requirements. This usually results in users using Windows 7 or 8 (not 8.1) which are unsupported. You may also have an outdated graphics driver installed which may also cause this issue. When I attempt to use certain functionality with a PKA file, a message says the functionality is locked and I cannot use it?
Locked functionality is by design of the PKA author. The author has designed the activity to require you to not use that particular functionality to achieve the learning objectives. Where can I find information about the accessibility features of Cisco Packet Tracer? The Cisco Packet Tracer help files contain several sections relevant to Accessibility. Start with the Accessibility top heading. Read through the top heading contents and move on to the specific subtopics. Much of the accessible functionality in Cisco Packet Tracer requires the use of your screen reader's special Screen Reader Keys. Please see the documentation for your particular screen reader. I'm a user NOT based in China, what are the Cisco Packet Tracer Authentication Steps? When you are prompted to log in and use Cisco Packet Tracer, on the Login Server drop down box, select Worldwide as indicated in the image below (this is the default option). Then click either the Cisco Networking Academy icon or the Cisco Skills For All icon to start the login process. Enter the details required in the login screens. When the login screen closes, you have successfully logged in. If Skills For All is chosen for login, you will be prompted to log into Skills For All in your native default browser. If you are already logged into Skills For All from your default browser, you will not be asked to enter your credentials. I’m asking for your help because I’m trying to make my own .pka file with activity wizard. I just start with a network with 4 PCs and a switch to test, and I would like to set up connectivity tests, only these do not seem "available".I saw that I am supposed to be able to choose successful, failed, a source etc...Manually testing my PCs can ping each other..I'm on packet tracer 8.2.1...If anyone have an idea !