

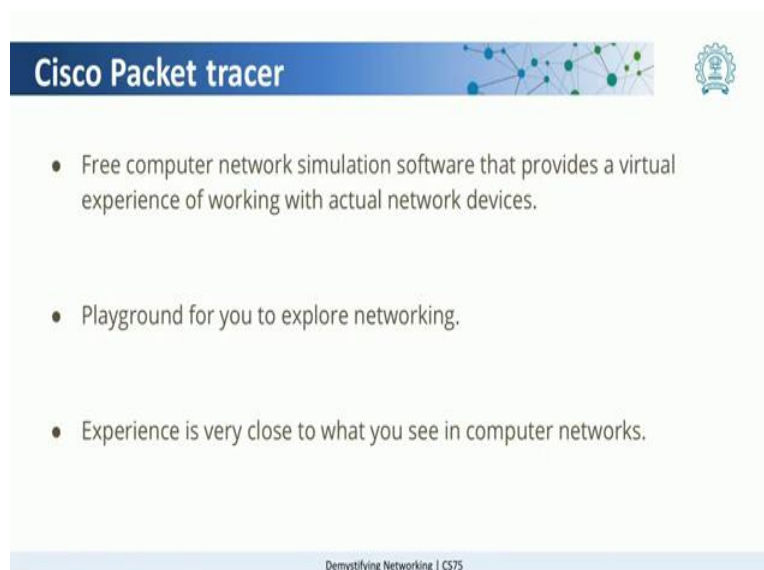
Demystifying Networking
Department of Computer Science and Engineering
Indian Institute of Technology, Bombay

Lecture – 09
Cisco Packet Tracer

Welcome back. So, we have learnt a lot about networks still now, one of the things with learning anything technical is to be able to try out. The best part is if you are able to try it out in real setting, real life setting, but as we know networks are something very huge and the devices itself are not easy to get.

So, one of the ways you can do it is by using a simulation software. This actually gives you a very good hands on experience on how networks works. So, the simulation software that we have chosen to use is called Cisco pack tracer and we will just give you a brief introduction on what actually packet tracer does.

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The slide features a blue header with the text 'Cisco Packet tracer' and a network diagram icon. To the right is the IIT Bombay logo. The main content consists of three bullet points describing the software. At the bottom, there is a footer with the text 'Demystifying Networking | CS75'.

Cisco Packet tracer

- Free computer network simulation software that provides a virtual experience of working with actual network devices.
- Playground for you to explore networking.
- Experience is very close to what you see in computer networks.

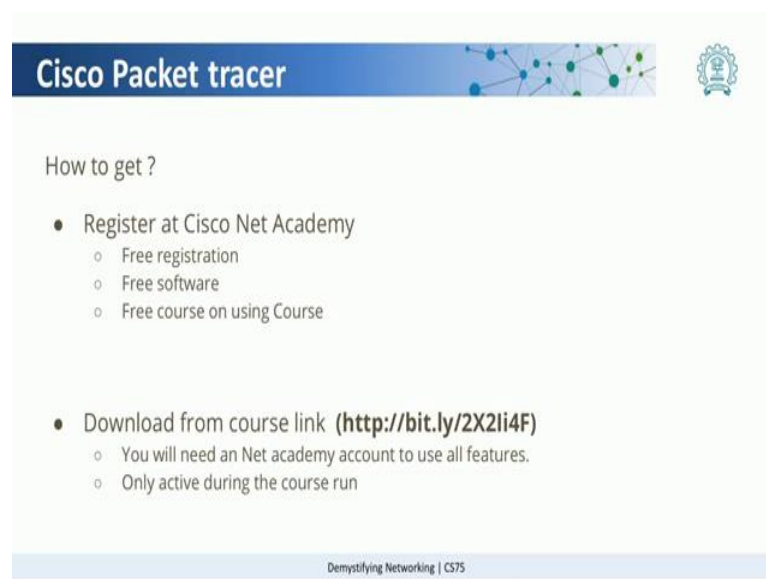
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What is Cisco packet tracer? Cisco packet tracer is a network simulation software that provides virtual experience of working with these things and when I say virtual experience though its virtual it is very close to what the real deal is. So, you get to see how the routers look like the kind of interfaces they have and you actually get to see the command line interface as though if you would have logged into the actual router. And, with the number of devices that are available in Cisco packet tracer you are able to create as many as networks, as huge as networks

as possible and configure a lot of different type of protocols, try different services and a lot of things.

Cisco packet tracer is actually a playground. Every time you get to learn something new you could just go back to Cisco packet tracer and try it out. So, there are a lot of ways and lot of options that you have. Yes, it is from Cisco so, most of the devices are the Cisco routers and Cisco switches. Let us go ahead. First look at how do you actually go ahead and get Cisco packet tracers.

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The slide features a blue header with the text "Cisco Packet tracer" and a network diagram. Below the header, the text "How to get ?" is followed by two main bullet points. The first bullet point is "Register at Cisco Net Academy" with three sub-bullets: "Free registration", "Free software", and "Free course on using Course". The second bullet point is "Download from course link (<http://bit.ly/2X2li4F>)" with two sub-bullets: "You will need an Net academy account to use all features." and "Only active during the course run". At the bottom of the slide, there is a footer that reads "Demystifying Networking | CS75".

So, the one really good thing of Cisco packet tracer is it is a free software. What you have to do is, register at Cisco network academy, which is an academy by the company Cisco. In this academy you get a lot of courses on networking and new technologies that are close to networking, like internet of things and all of those.