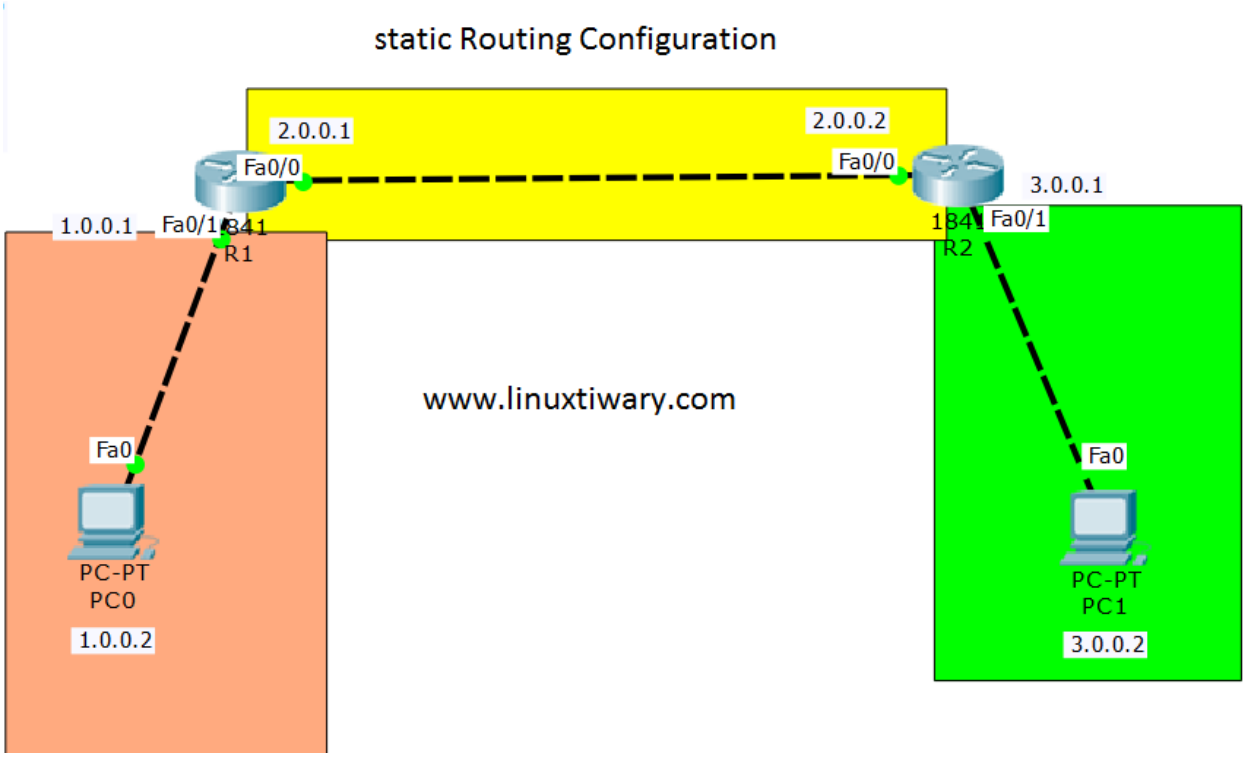
Static Routing LAB

Basic routing lab using Two Router in Cisco Packet Tracer

Basic routing lab using Two Router in Cisco Packet Tracer. Learn how to configure **static routing using two routers** very easily in just few simple steps. networking is not a rocket science, neither you need to know more coding or any programming language. It's just a concept and once you read it you will surely get it.

Let's have a look and see how i Have configured static routing using two routers in just two simple steps:

You can complete this **Static Routing** Lab in Just Two Simple Steps:



First: Assign IP address on Routers

Second: configure Static Routing on Both Routers.

Assign IP address on Router R1:

Router(config)#host r1

r1(config)#int fa0/0

r1(config-if)#ip add 2.0.0.1 255.0.0.0

r1(config-if)#no shut

r1(config-if)#exit

r1(config)#int fa0/1

r1(config-if)#ip add 1.0.0.1 255.0.0.0

r1(config-if)#no shut

Assign IP address on router R2:

Router(config)#host R2

R2(config)#

R2(config)#int fa0/0

R2(config-if)#ip add 2.0.0.2 255.0.0.0

R2(config-if)#no shut

R2(config-if)#

R2(config-if)#exit

R2(config)#int fa0/1

R2(config-if)#ip add 3.0.0.1 255.0.0.0

R2(config-if)#no shut

Static Routing configuration:

In static Routing we don't need to tell the Routers about Directly Connected Networks.

But you have to tell the Routers about Indirectly Connected Networks.

Syntax will be like:

router(config)#ip route <indirectly connected network> <Netmask> <gateway IP to reach that network>

Now Lets do The Routing Configuration:

Static Routing configuration on Router R1:

r1(config)#ip route 3.0.0.0 255.0.0.0 2.0.0.2

Static Routing configuration on Router R2:

R2(config)#ip route 1.0.0.0 255.0.0.0 2.0.0.1