**DCCN ISE - Configuring Dynamic and Static NAT**

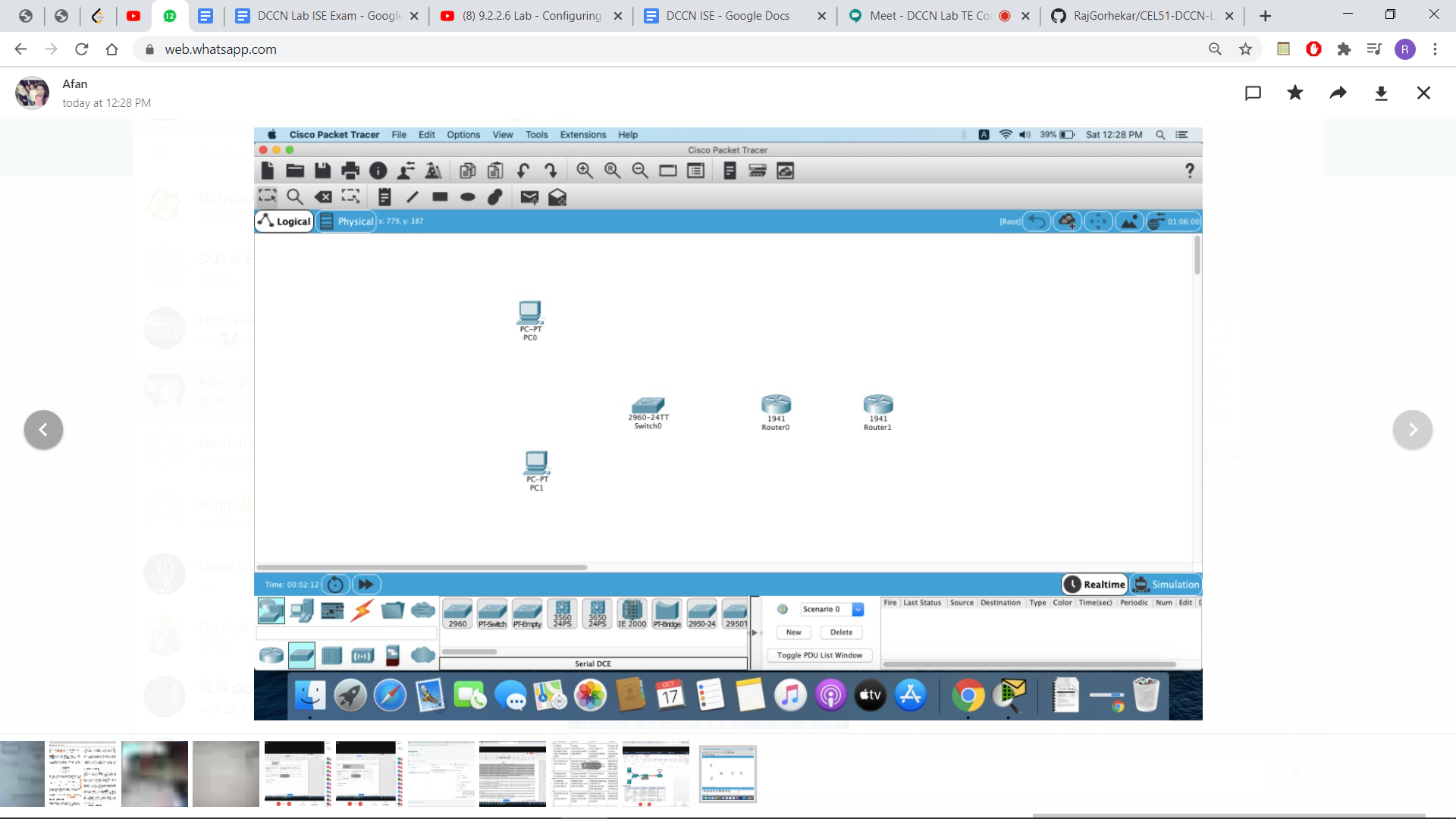
**Harshal Dahat - 2018130009**

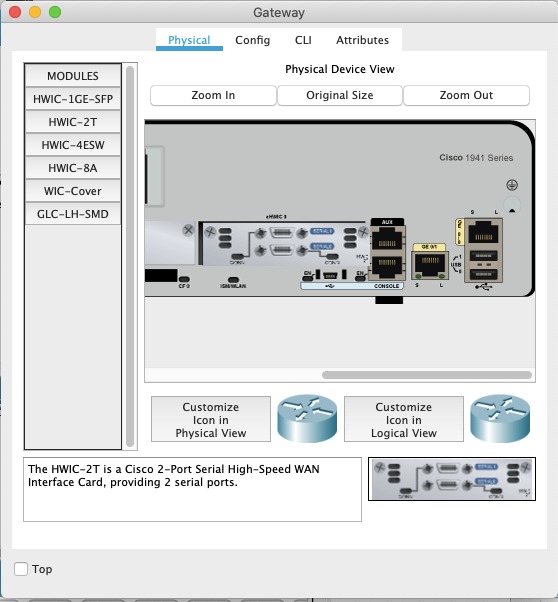
**Raj Gorhekar - 2018130013**

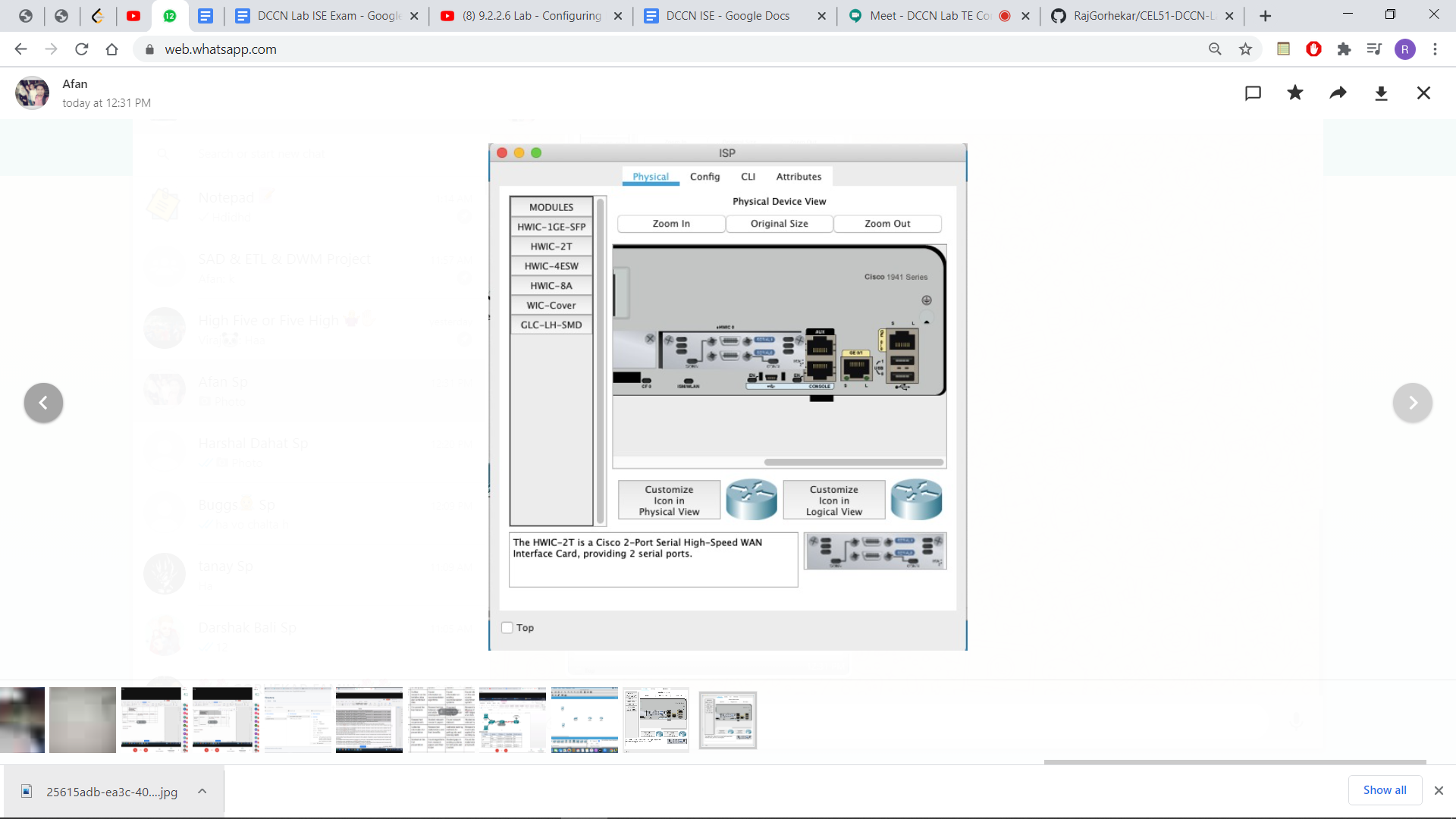
**Affan Ansari – 2019230064**

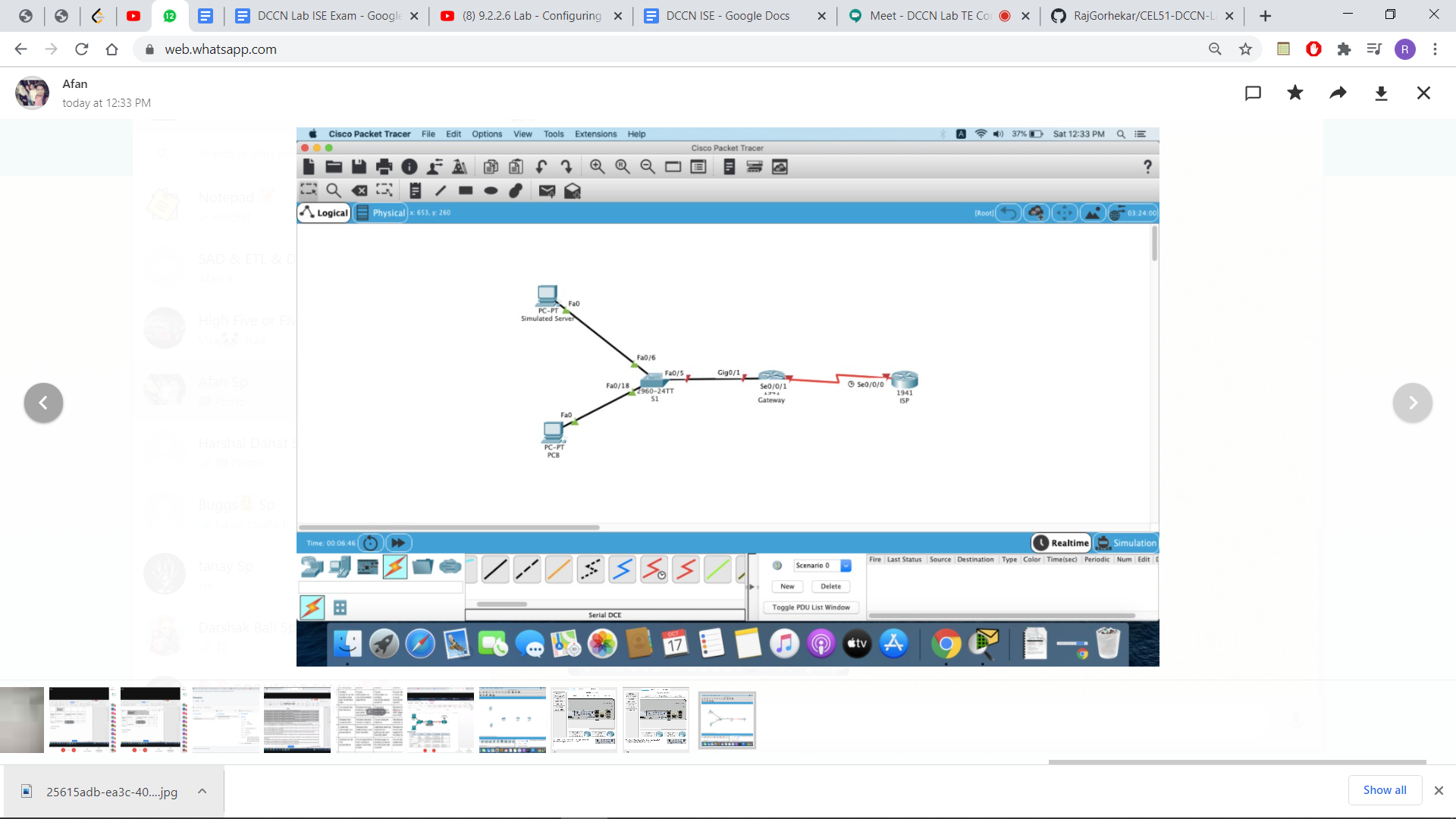
**Task 1**

**Basic Setup of Devices :**

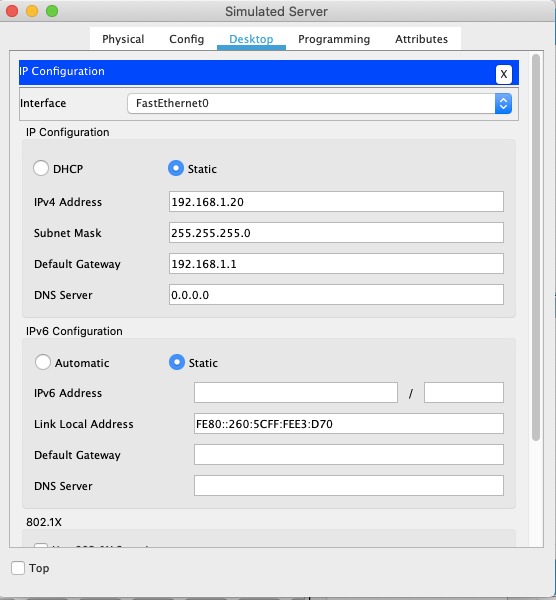


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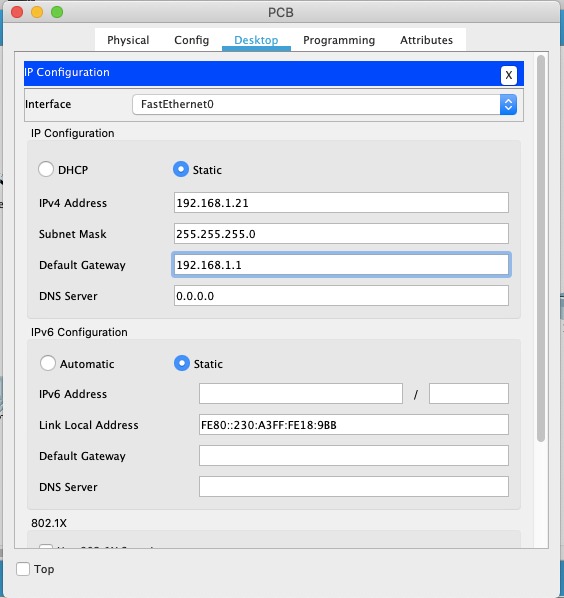




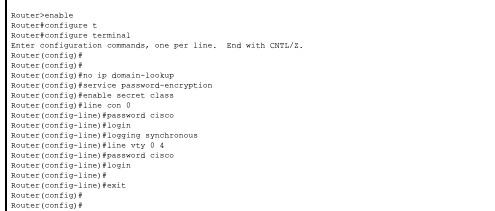
**PC A Configuration**

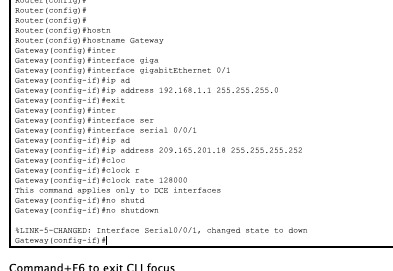
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**PC B configuration**

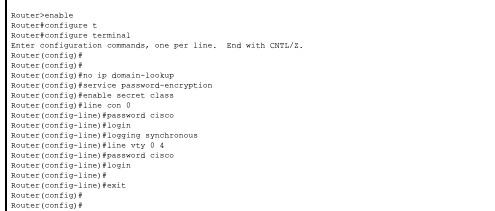
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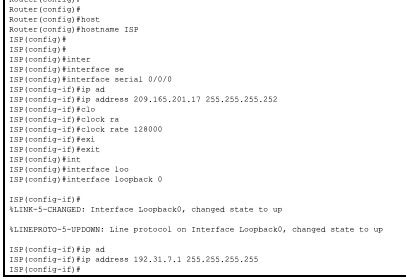
**Configuration for Gateway**

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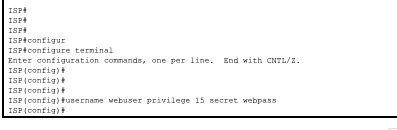
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**Configuration for ISP**

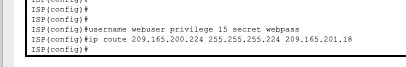
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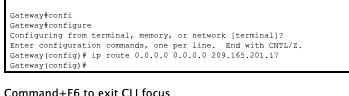
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**Create Web Server on Isp**

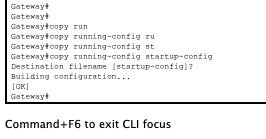
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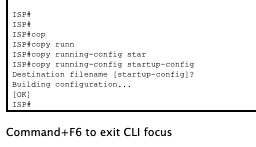
**Configure Static Routing**

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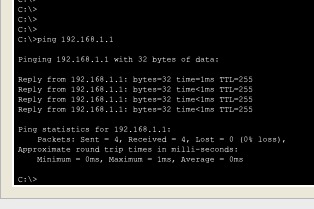
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**Running Configuration Start UP**

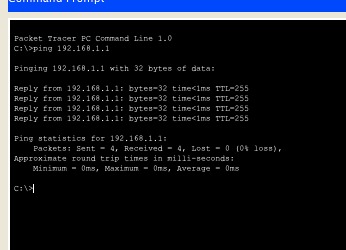
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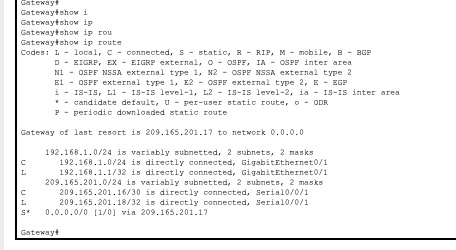
**Testing by Running Ping Command from PC A**

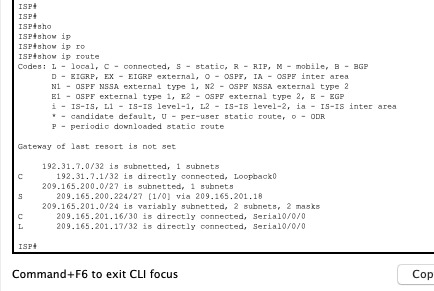
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**Testing by Running Ping Command from PC B**

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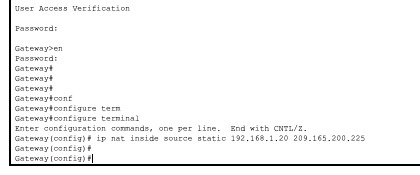
**Displaying Routing Tables**

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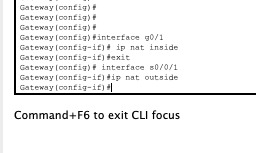
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**Task 2**

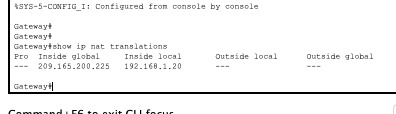
**Configure static mapping**

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**Specifying the Interface**

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**Testing the Configuration**

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**What is the translation of the Inside local host address?**

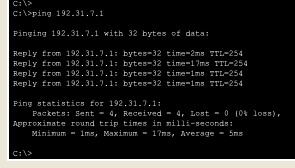
**192.168.1.20 = 209.165.200.225**

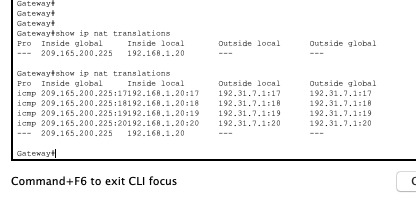
**The Inside global address is assigned by?**

**ISP**

**The Inside local address is assigned by?**

**Admin**

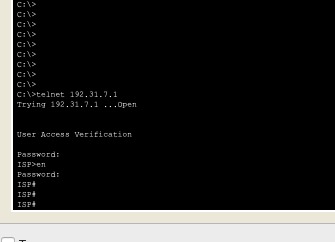
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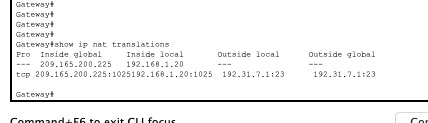
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**What port number was used in this ICMP exchange?**

**17,18,19,20**

**Telnet**

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**What was the protocol used in this translation? tcp**

**What are the port numbers used?**

**1025 ,23**

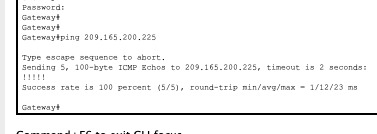
**Inside global / local:**

**209.165.200.225:1025. 192.168.1.20:1025**

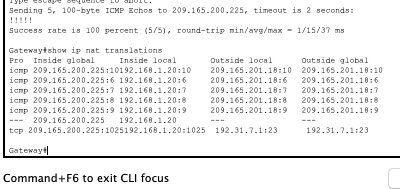
**Outside global / local:**

**192.31.7.1:23 192.31.7.1:23**

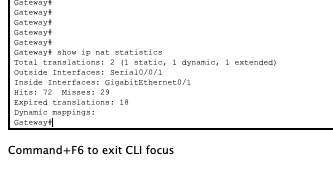
**Ans d :**

****

**Ans e :**

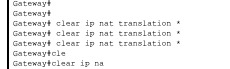
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**Ans F:**

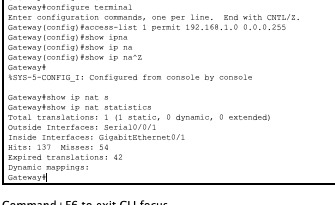
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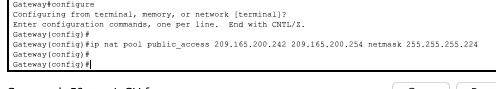
**Task 3**

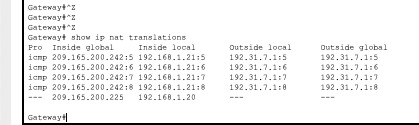
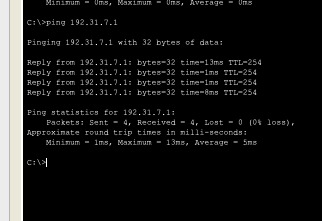
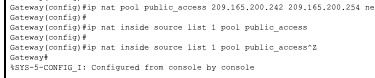
**Clearing the old translations**

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**Ip Nat Stats with 0 Dynamic Entries**

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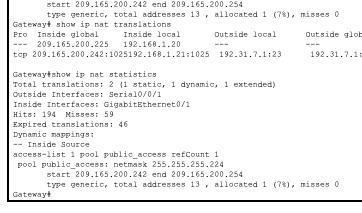
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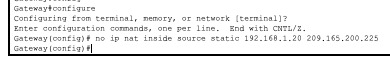
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**What is the translation of the Inside local host address for PC-B? 192.168.1.21**

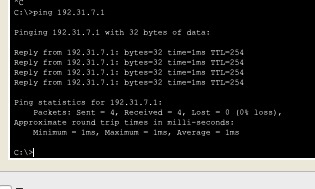
**What port number was used in this ICMP exchange?**

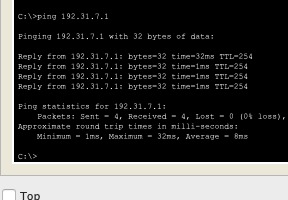
**5 6 7 8**

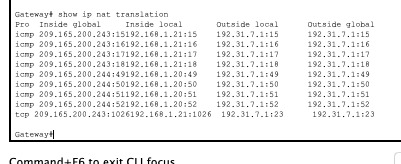
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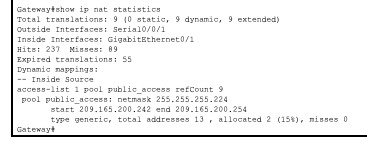
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