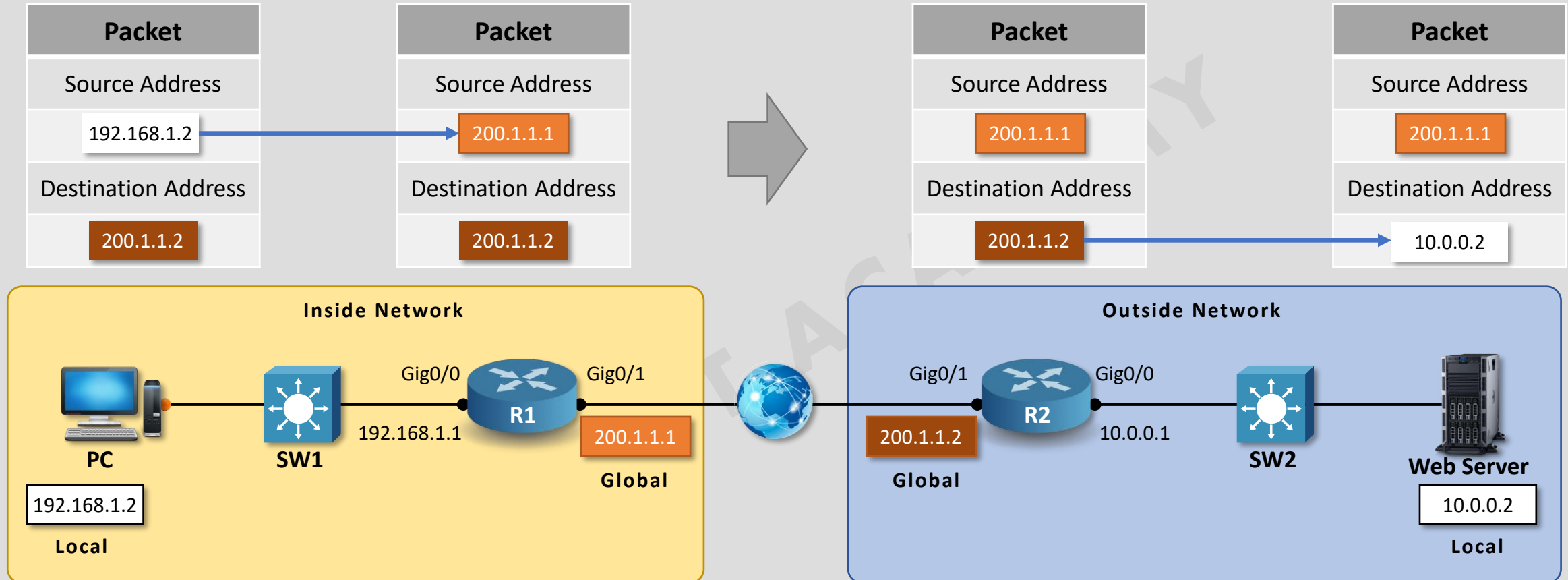
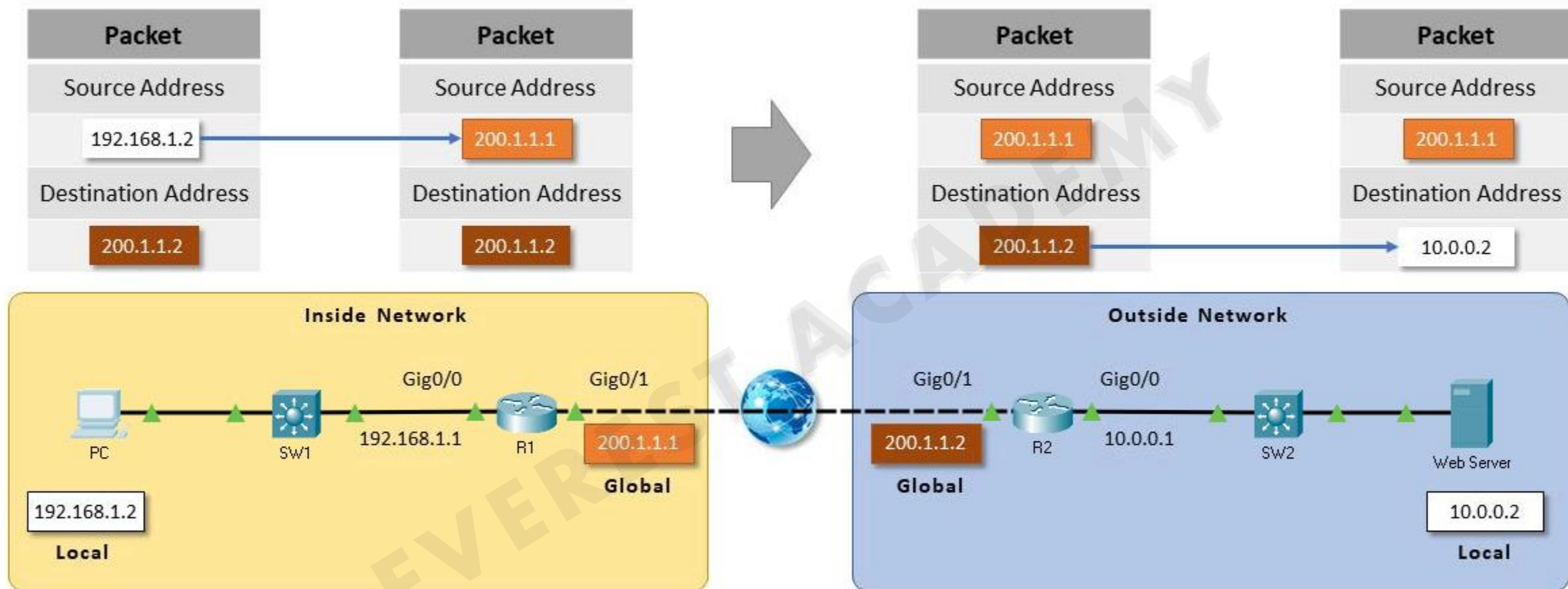


Network Address Translation (NAT)

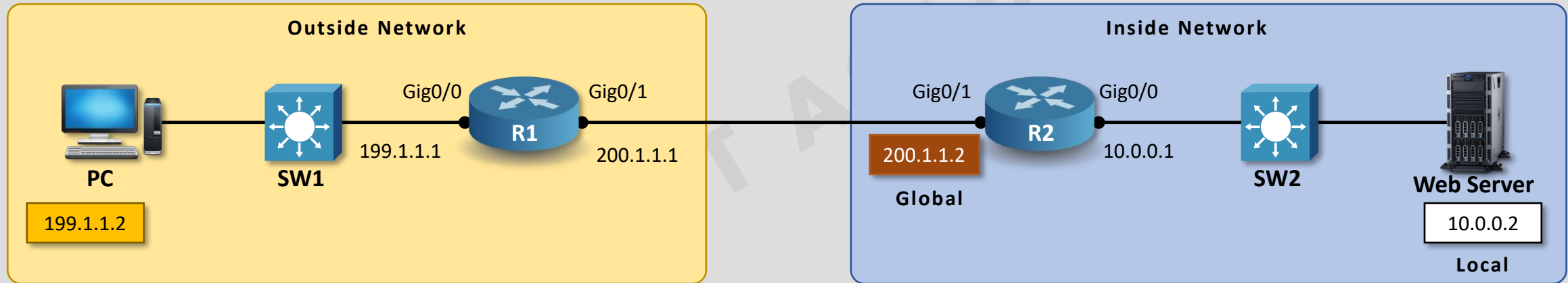




Static NAT

❑ ip nat inside source

- Translates the destination IP address of packets that travel from outside to inside



Packet
Source Address
199.1.1.2
Destination Address
200.1.1.2

Packet
Source Address
199.1.1.2
Destination Address
10.0.0.2

- Translates the source IP address of packets that travel from inside to outside.

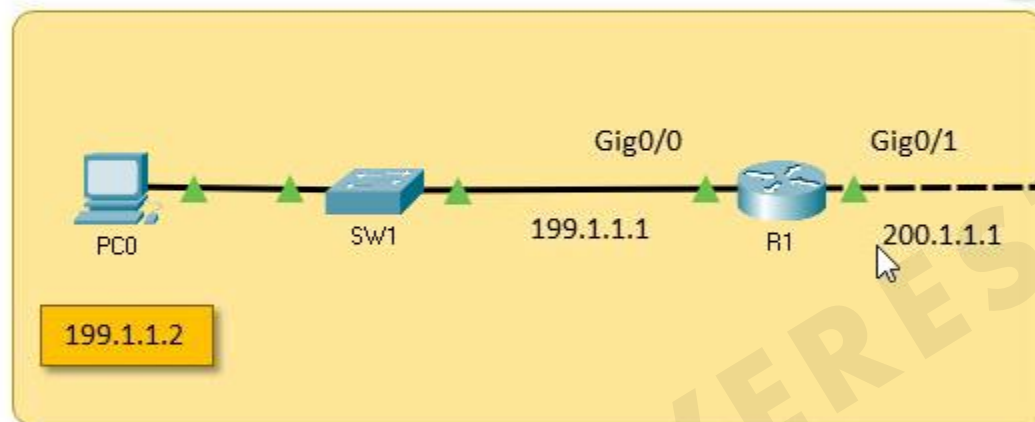
Packet
Source Address
200.1.1.2
Destination Address
199.1.1.2

Packet
Source Address
10.0.0.2
Destination Address
199.1.1.2



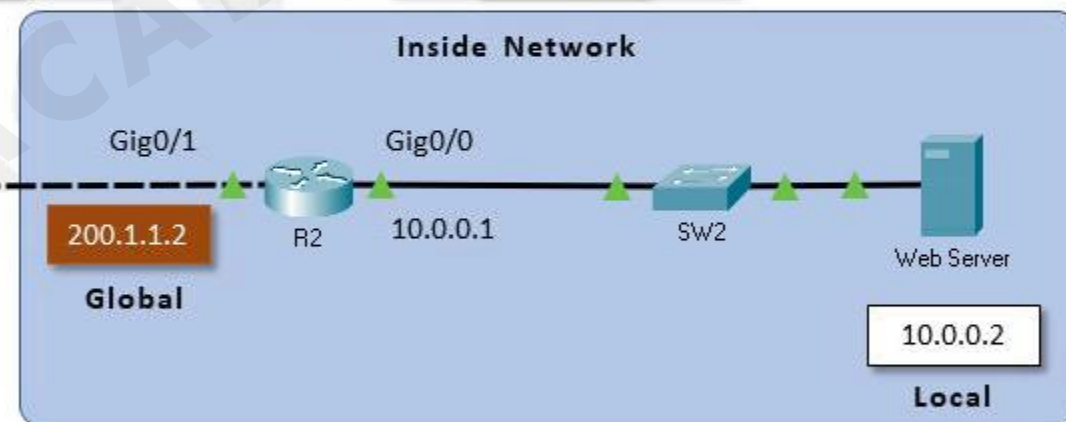
ip nat inside source

- Translates the destination IP address of packets that travel from outside to inside



Packet	
Source Address	199.1.1.2
Destination Address	200.1.1.2

Packet	
Source Address	199.1.1.2
Destination Address	10.0.0.2

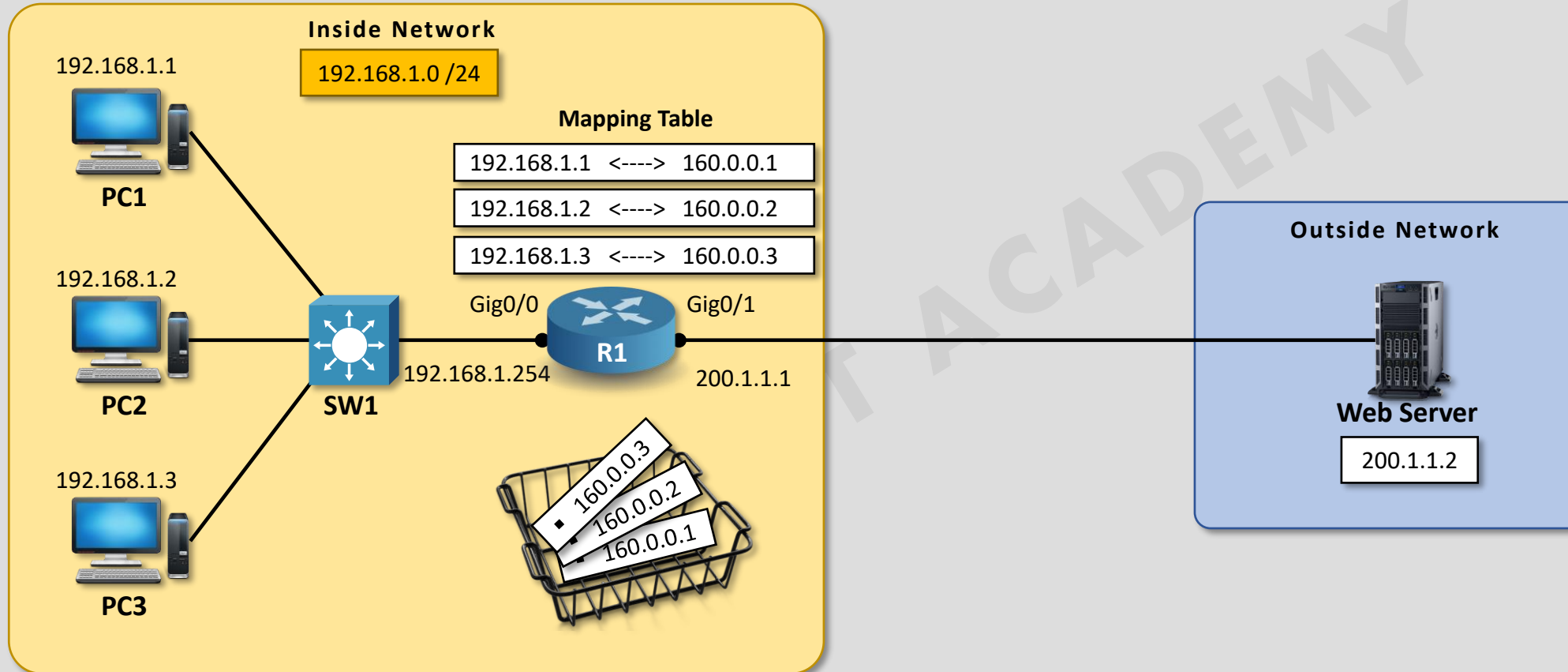


Packet	
Source Address	200.1.1.2
Destination Address	199.1.1.2

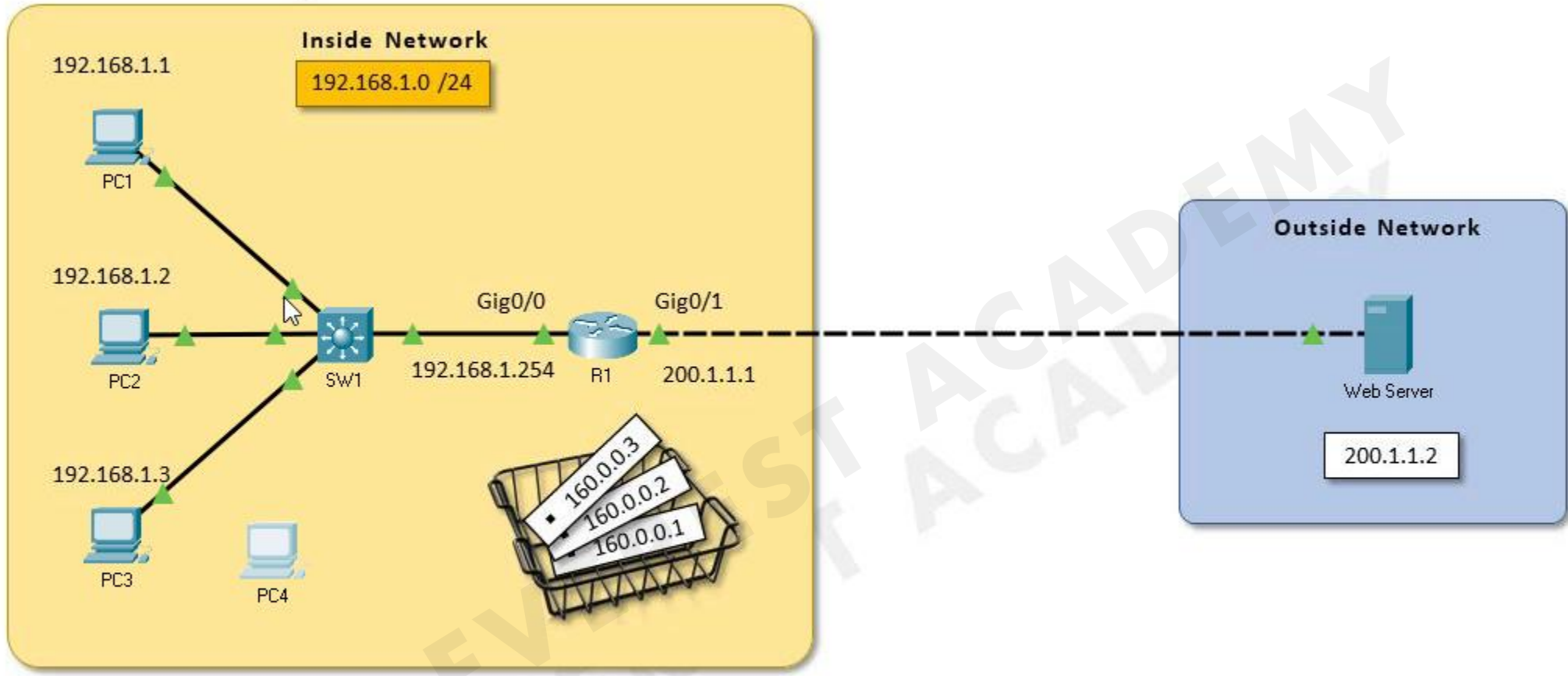
Packet	
Source Address	10.0.0.2
Destination Address	199.1.1.2

- Translates the source IP address of packets that travel from inside to outside.

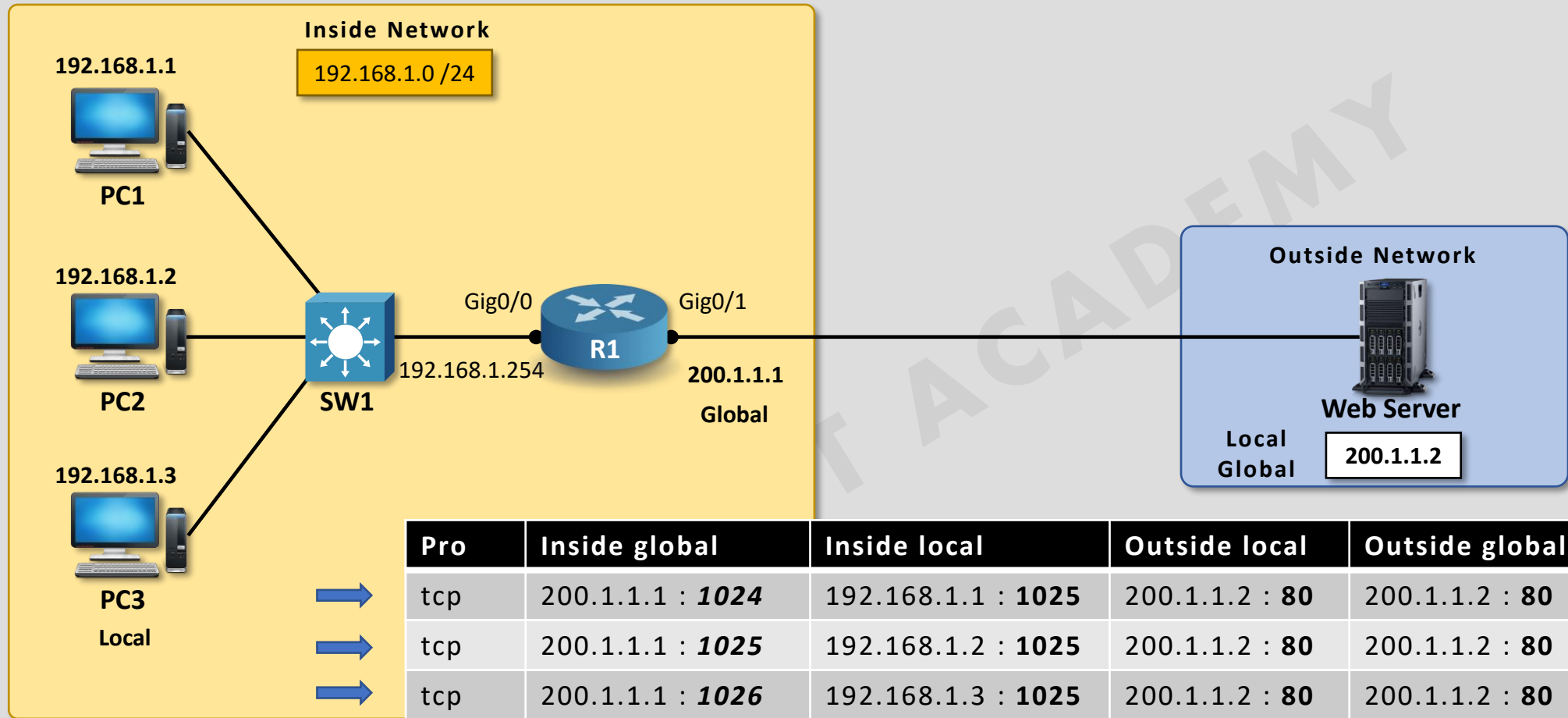
Dynamic NAT



Dynamic NAT



Port Address Translation (PAT)



Port Address Translation (PAT)

