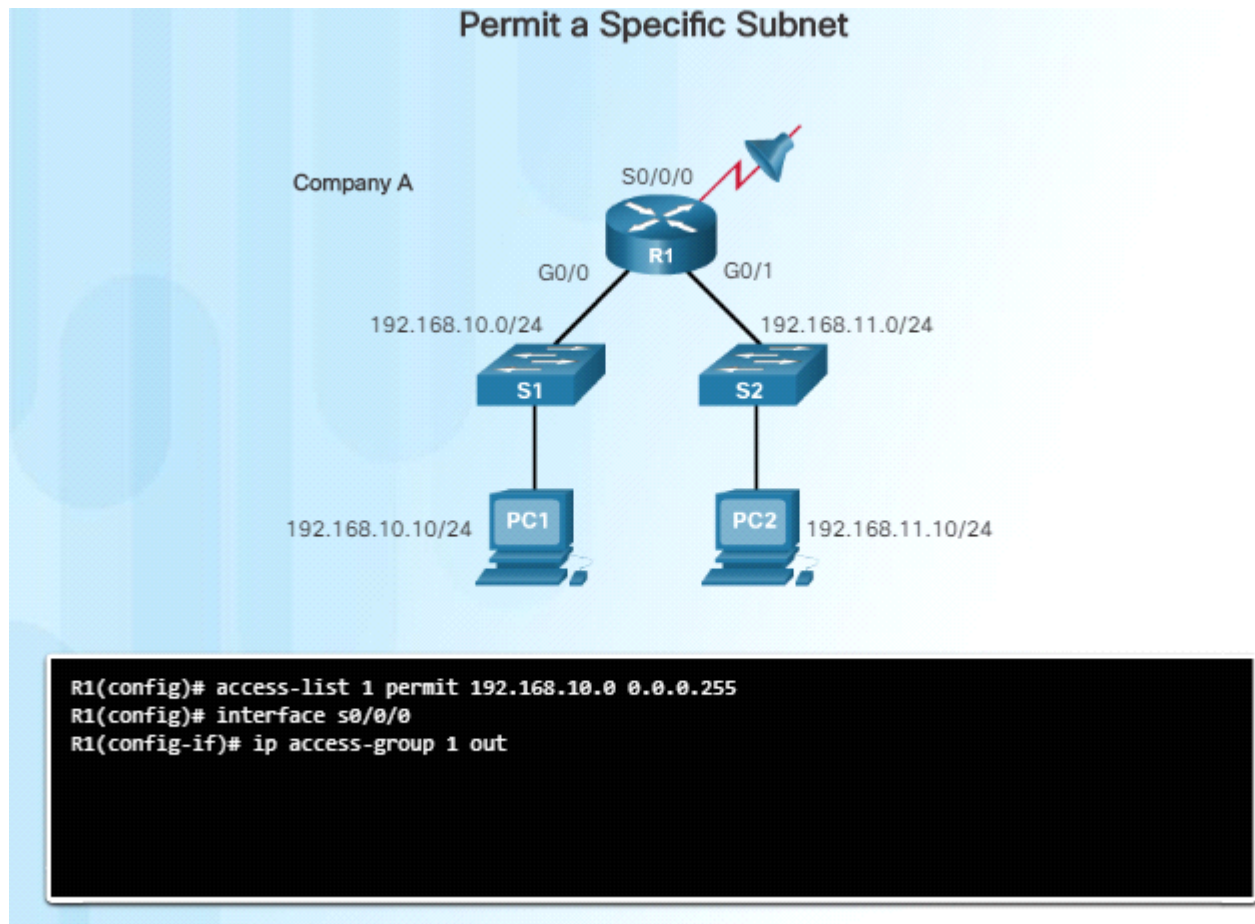


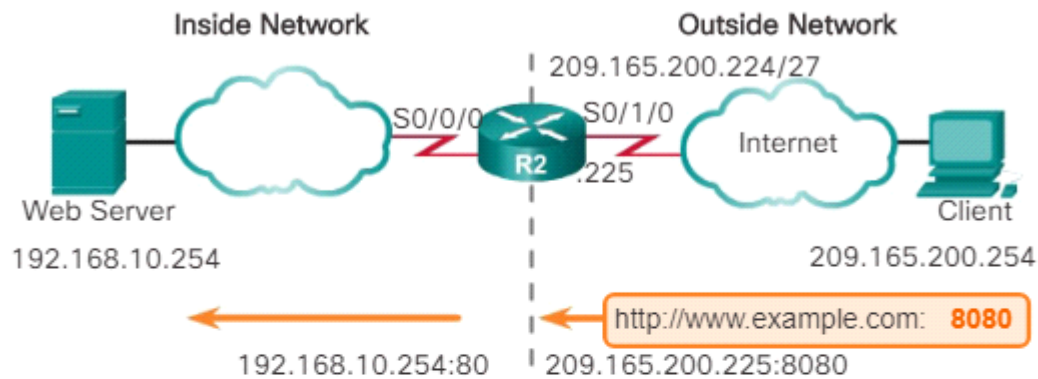
# Teori singkat ACL dan NAT/PAT

Wednesday, April 29, 2020 10:36 PM



Screen clipping taken: 4/30/2020 9:10 AM

## Port Forwarding Example using IOS



Establishes static translation between an inside local address and local port and an inside global address and global port.

```
R2(config)# ip nat inside source static tcp
192.168.10.254 80 209.165.200.225 8080
```

Identifies interface serial 0/0/0 as an inside NAT interface.

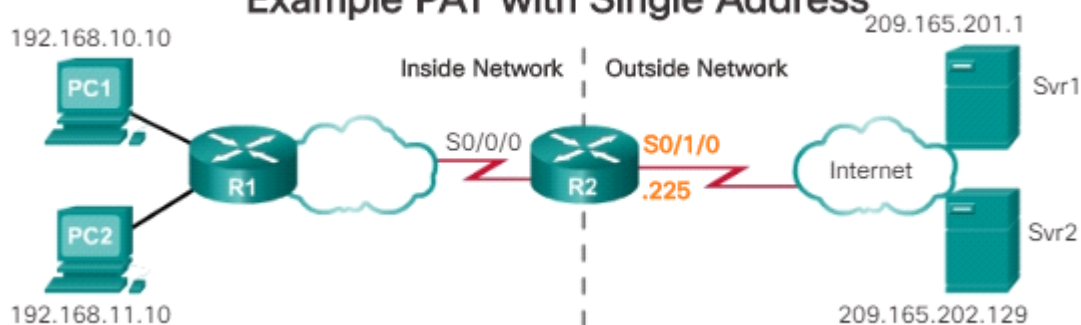
```
R2(config)# interface Serial0/0/0
R2(config-if)# ip nat inside
```

Identifies interface serial 0/1/0 as the outside NAT interface.

```
R2(config)# interface Serial0/1/0
R2(config-if)# ip nat outside
```

Screen clipping taken: 4/30/2020 9:14 AM

## Example PAT with Single Address



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Identify the outside interface serial0/1/0 as the inside global address to be overloaded using ACL 1.

```
R2(config)# ip nat inside source list 1 interface serial 0/1/0
overload
```

Configure ACL 1 to permit devices from 192.168.0.0/16 network to be translated by NAT.

```
R2(config)# access-list 1 permit 192.168.0.0 0.0.255.255
```

Configure the proper inside NAT interface.

```
R2(config)# interface serial0/0/0
```

```
R2(config-if)# ip nat inside
```

Configure the proper outside NAT interface.

```
R2(config)# interface serial0/1/0
```

```
R2(config-if)# ip nat outside
```

You successfully configured PAT using a single address