


Soal Praktikum <i>Practicum Case</i>	
COMP6372 Computer Networks	
Teknik Informatika <i>Computer Science</i>	CS- COMP6372 -Var02
Periode Berlaku Mulai Semester Ganjil 2018/2019 <i>Valid on Odd Semester Year 2018/2019</i>	Revisi 00 <i>Revision 00</i>

Learning Outcomes

- Describe basic structures of network
- Explain basic concepts of network

Topic

- Session 10 – NAT (Network Address Translation)

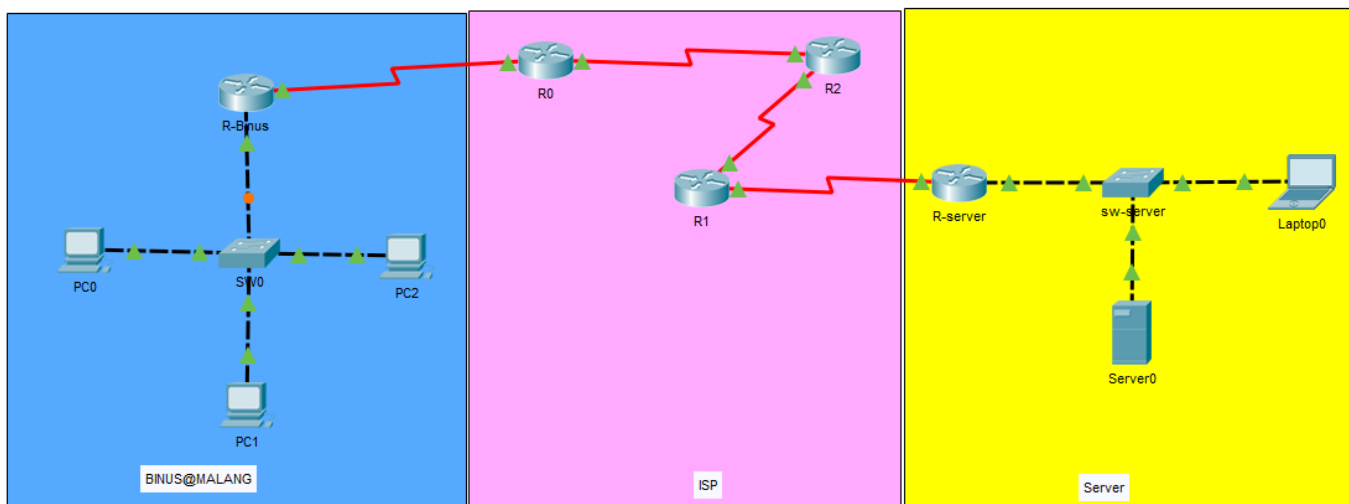
Sub Topics

- Dynamic NAT
- Dynamic Routing
- Access List

Soal

Case

Study case



Device configuration

Hardware	Port / Interfaces	IP Address	Gateway	Prefix
Router-0	Serial 2/0	90.81.88.9		/30
Router-0	Serial 3/0	159.100.200.76		/27
Router-1	Serial 2/0	75.145.201.167		/25
Router-1	Serial 3/0	178.16.90.25		/30
Router-2	Serial 2/0	178.16.90.26		/30
Router-2	Serial 3/0	159.100.200.78		/27
Router Binus	Serial 2/0	90.81.88.10		/30
Router Server	Serial 2/0	75.145.201.211		/25
PC-0	Fa0	192.172.10.8	192.172.10.3	/28
PC-1	Fa0	192.172.10.5	192.172.10.3	/28
PC-2	Fa0	192.172.10.9	192.172.10.3	/28
Server	Fa0	10.99.15.67	10.99.15.1	/25
Laptop-0	Fa0	10.99.15.50	10.99.15.1	/25

With using CLI, please configure with below spesification :

- Configure all device based on table configuration, dont forget rename all router according to their location
- Give nick name on each device with 3 digit your name
- Configure rule
 - Configure routing using OSPF routing.
 - Use dynamic NAT
 - Server can access from Binus@Malang, but laptop is not accessible from outside
- Verify connection and routing
- You must submit 3 document:
 - Pkt file
 - Capture ping and topology (in word)
 - CLI command, also run command **show run** on each router

If you don't understand, please ask your assistant!