


Soal Praktikum <i>Practicum Case</i>	 BINUS MALANG Institute of Creative Technology
COMP6372 Computer Networks	
Teknik Informatika <i>Computer Science</i>	CS- COMP6372 -Var01
Periode Berlaku Mulai Semester Ganjil 2018/2019 Valid on <i>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 07 – Static Routing Techniques

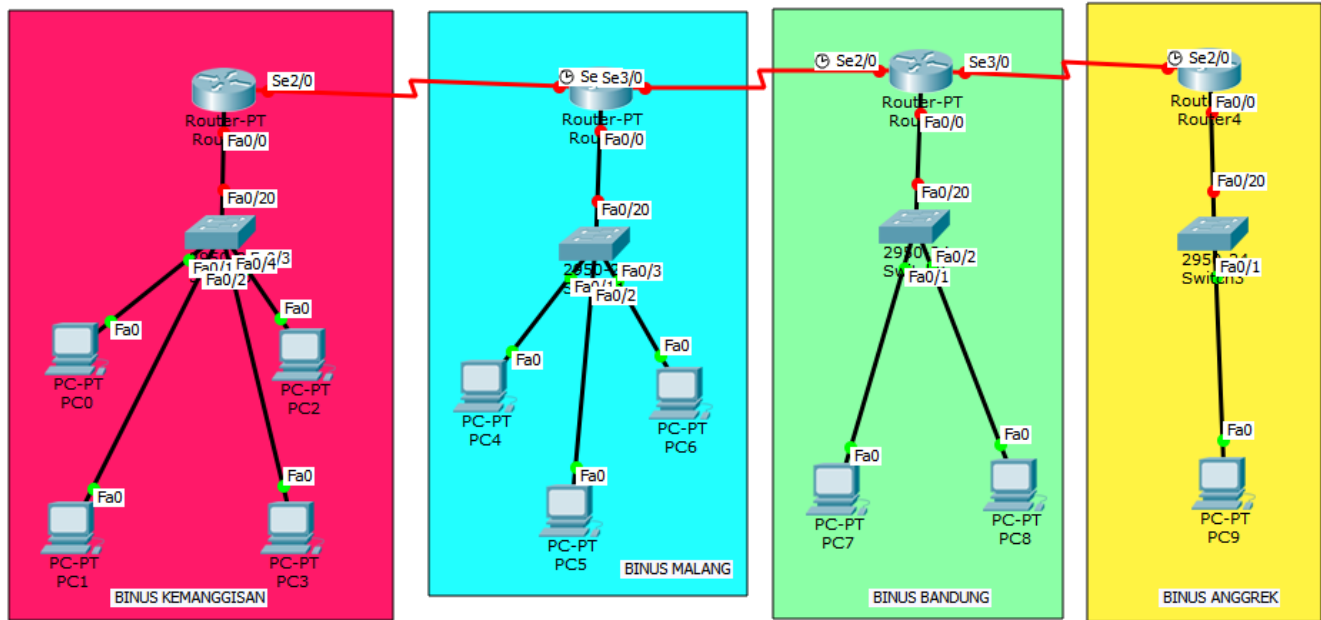
Sub Topics

- Routing Concepts
- Static Routing Basic
- Static Routing Advanced

Soal

Case

Study case



Device configuration

Hardware	Port / Interfaces	IP Address	Gateway	Prefix
Router-1	Serial 2/0	102.14.239.7		/28
Router-2	Serial 2/0	102.14.239.10		/28
Router-2	Serial 3/0	139.86.54.3		/29
Router-3	Serial 2/0	139.86.54.2		/29
Router-3	Serial 3/0	100.91.67.15		/27
Router-4	Serial 2/0	100.91.67.25		/27
PC-0	Fa0	172.16.35.4	172.16.35.1	/25
PC-1	Fa0	172.16.35.7	172.16.35.1	/25
PC-2	Fa0	172.16.35.10	172.16.35.1	/25
PC-3	Fa0	172.16.35.99	172.16.35.1	/25
PC-4	Fa0	192.168.99.22	192.168.99.1	/26
PC-5	Fa0	192.168.99.31	192.168.99.1	/26
PC-6	Fa0	192.168.99.2	192.168.99.1	/26
PC-7	Fa0	10.10.189.9	10.10.189.1	/24
PC-8	Fa0	10.10.189.56	10.10.189.1	/24
PC-9	Fa0	5.5.5.2	5.5.5.1	/30

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 **ALL** router with static routing to provide routing for all PC
- Verify routing table with print all routing table on each router
- Verify connection with ping from all PC that connected through different router.
- 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!