Soal Praktikum *Practicum Case* **COMP6372 Computer Networks**	BINUS MALANG Institute of Creative Technology
Teknik Informatika *Computer Science*	CS- COMP6372 -Var02
Periode Berlaku Mulai Semester Ganjil 2018/2019 *Valid on Odd Semester Year* 2018/2019	**Revisi 00** *Revision 00*

Learning Outcomes

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

Topic
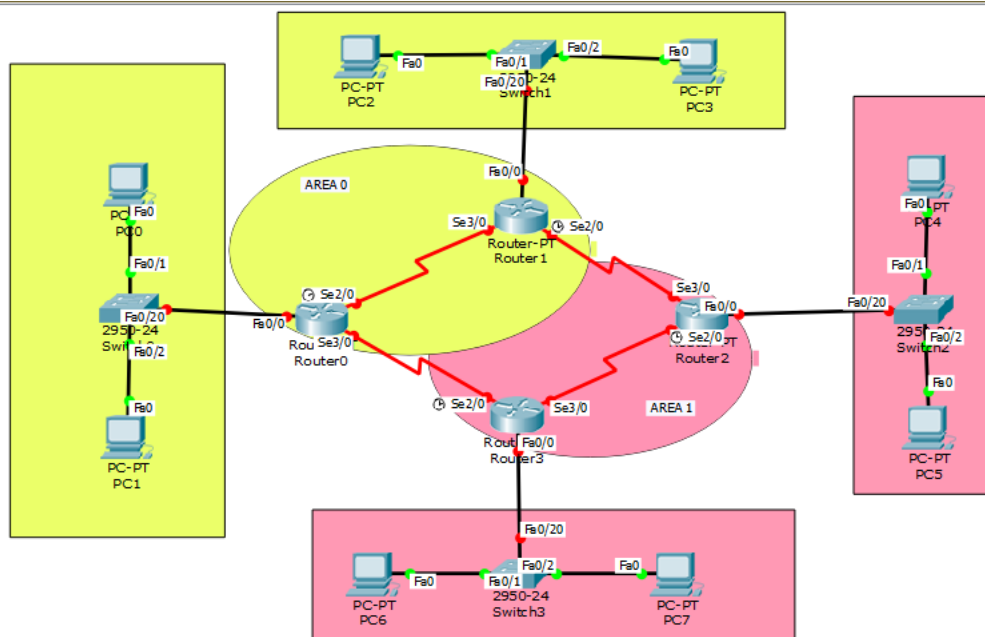
- Session 09 – Routing Techniques Dynamic Routing

Sub Topics

- Configuring OSPF routing

Soal
Case

Study case

Device configuration

Hardware	Port / Interfaces	IP Address	Gateway	Prefix
Router-0	Serial 2/0	198.74.99.33		/30
Router-1	Serial 3/0	198.74.99.34		/30
Router-1	Serial 2/0	65.195.160.21		/30
Router-2	Serial 3/0	65.195.160.22		/30
Router-2	Serial 2/0	45.199.23.135		/27
Router-3	Serial 3/0	45.199.23.149		/27
Router-3	Serial 2/0	100.252.175.43		/29
Router-0	Serial 3/0	100.252.175.45		/29
PC-0	Fa0	10.182.67.90	10.182.67.5	/25
PC-1	Fa0	10.182.67.65	10.182.67.5	/25
PC-2	Fa0	192.168.3.7	192.168.3.12	/26
PC-3	Fa0	192.168.3.28	192.168.3.12	/26
PC-4	Fa0	172.16.16.67	172.16.16.70	/27
PC-5	Fa0	172.16.16.87	172.16.16.70	/27
PC-6	Fa0	192.10.172.1	192.10.172.6	/28
PC-7	Fa0	192.10.172.8	192.10.172.6	/28

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 routing OSPF 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:
    o Pkt file
    o Capture ping and topology (in word)
    o CLI command, also run command **show run** on each router

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