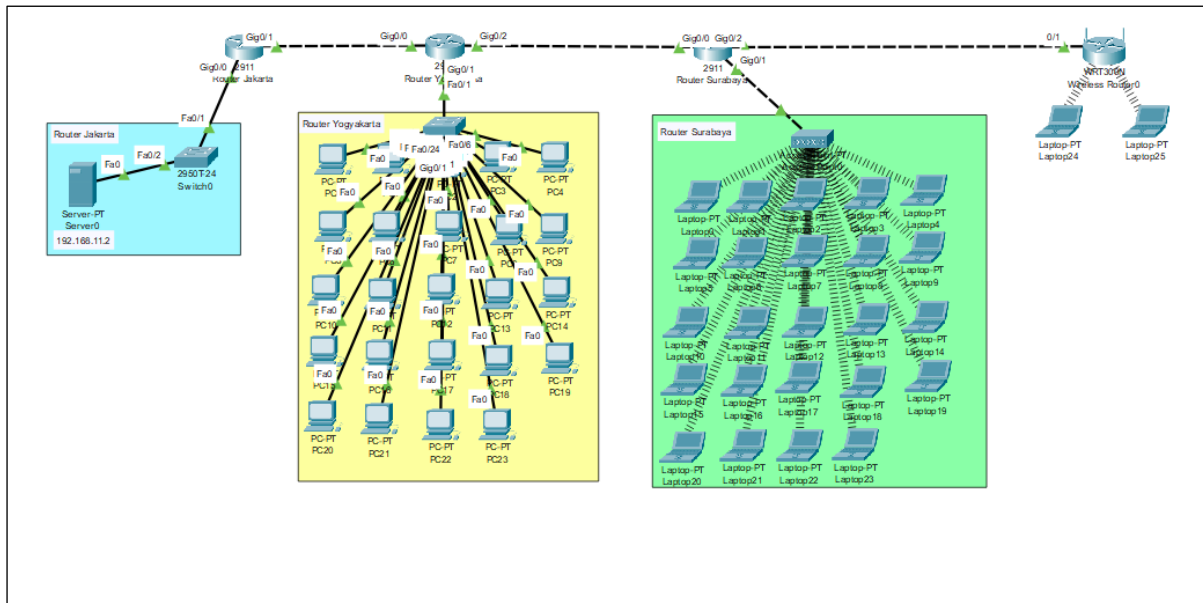




# LAPORAN PESERTA UJI KOMPETENSI SKEMA NETWORK ADMINISTRATOR MADYA LSP TEKNOLOGI DIGITAL

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2022. KOTA TANGERANG SELATAN  
BATCH 2 TAHUN 2022

## TOPOLOGI JARINGAN



## KONFIG ROUTER JAKARTA

```
Router>en
Router#conf t
Router(config)#int gig0/0
Router(config-if)#ip add 192.168.11.1 255.255.255.224
Router(config-if)#no sh

Router(config)#int gig0/1
Router(config-if)#ip add 192.168.11.33 255.255.255.224
Router(config-if)#no sh

Router(config-if)#router rip
Router(config-if)#network 192.168.11.1
Router(config-if)#network 192.168.11.33
```



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### KONFIG ROUTER YOGYAKARTA

```
Router>en
Router#conf t
Router(config)#int gig0/0
Router(config-if)#ip add 192.168.11.34 255.255.255.224
Router(config-if)#no sh

Router(config)#int gig0/1
Router(config-if)#ip add 192.168.11.65 255.255.255.224
Router(config-if)#no sh
Router(config-if)#router rip
Router(config-router)#network 192.168.11.34
Router(config-router)#network 192.168.11.65

Router(config-if)#int gig0/2
Router(config-if)#ip add 192.168.11.97 255.255.255.224
Router(config-if)#no sh
```

### KONFIG ROUTER SURABAYA

```
Router>en
Router#conf t
Router(config)#int gig0/0
Router(config-if)#ip add 192.168.11.98 255.255.255.224
Router(config-if)#no sh

Router(config-if)#int gig0/1
Router(config-if)#ip add 192.168.11.129 255.255.255.224
Router(config-if)#no sh

Router(config-if)#router rip
Router(config-router)#network 192.168.11.98
Router(config-router)#network 192.168.11.129
```



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### KONFIG WEBSERVER, DATABASE SERVER DAN DNS SERVER

Web Server

Server0

Physical Config **Services** Desktop Programming Attributes

**SERVICES**

- HTTP
- DHCP
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management
- Radius EAP

HTTP

☒ On ☐ Off

HTTPS

☒ On ☐ Off

File Manager

	File Name	Edit	Delete
1	copyrights.html	(edit)	(delete)
2	cscoptlogo177x111.jpg		(delete)
3	helloworld.html	(edit)	(delete)
4	image.html	(edit)	(delete)
5	index.html	(edit)	(delete)

New File Import

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DNS

Server0

Physical Config **Services** Desktop Programming Attributes

**SERVICES**

- HTTP
- DHCP
- DHCPv6
- TFTP
- DNS**
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management
- Radius EAP

**DNS**

DNS Service ☐ On ☒ Off

Resource Records

Name  Type

Address

No.	Name	Type	Detail
0	andri.com	A Record	192.168.11.2

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### PENGUJIAN KONFIG ROUTING OSPF

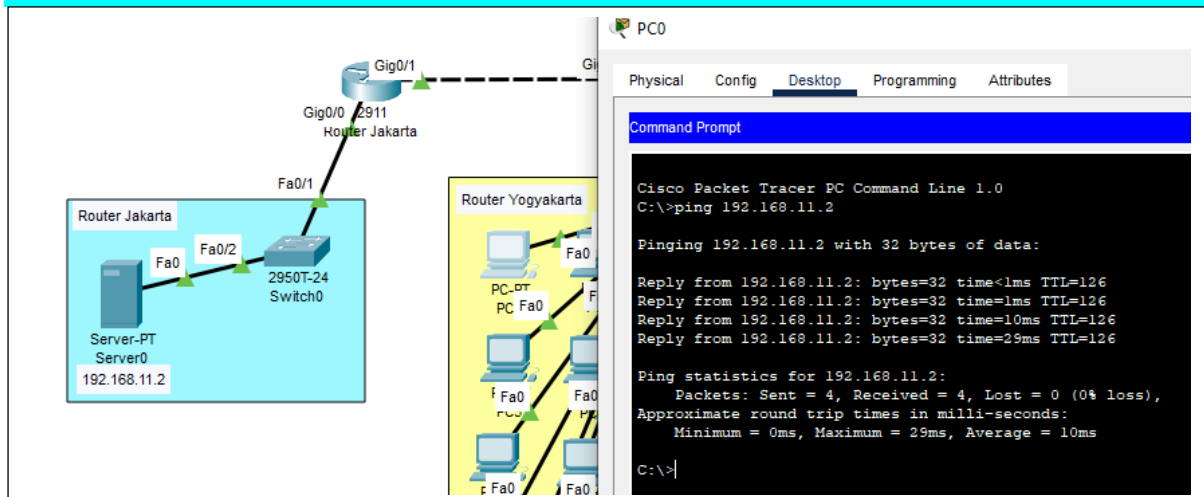
```
router>enable
router#configure terminal
router(config)# hostname RouterYogyakarta
router(config)#ip dhcp pool RouterYogyakarta
router(dhcp-config)#network 192.168.10.32 255.255.255.224
router(dhcp-config)#default-router 192.168.10.33
router(dhcp-config)#dns-server 8.8.8.8
router(dhcp-config)#exit
router(config)#exit
router#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
router#
```



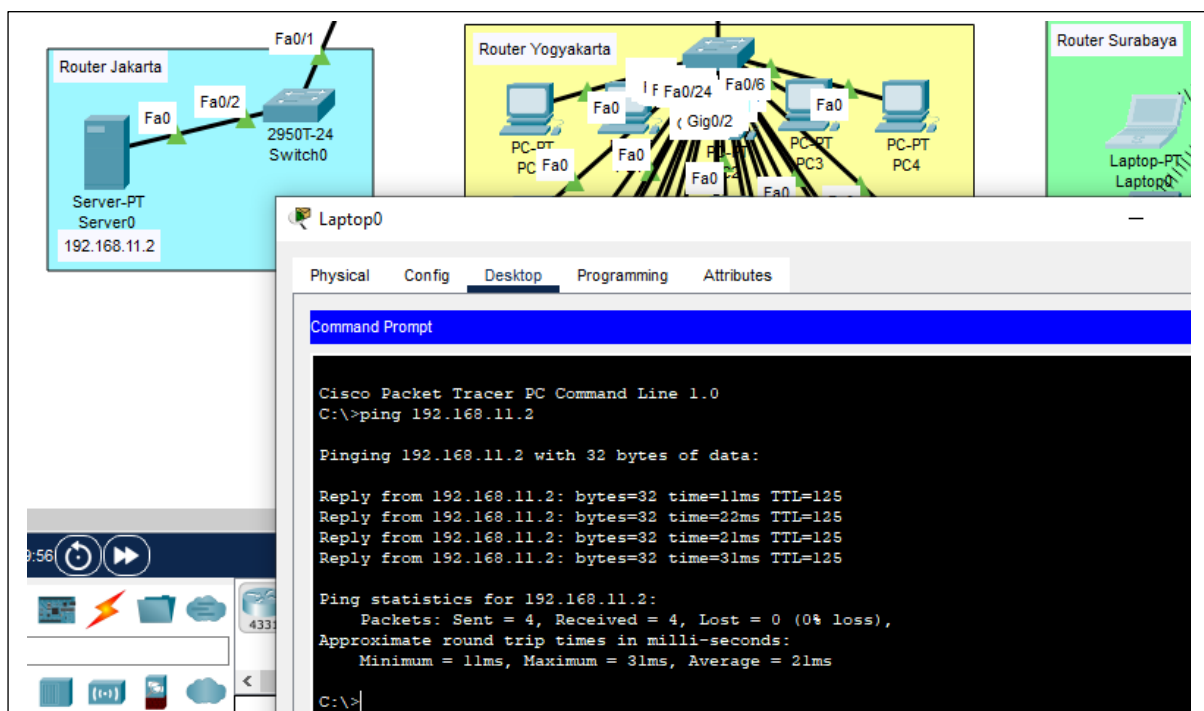
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### PENGUJIAN AKSES SERVER DARI LAN YOGYAKARTA



### PENGUJIAN AKSES SERVER DARI LAN SURABAYA





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### TABEL IP ADDRESS

Nama Perangkat	IP Address	Gig0/0	Gig0/1	Gig0/2	Subnet Mask	DNS Server
Server	192.168.11.2	-	-	-	255.255.255.224	192.168.11.2
Router Jakarta	-	192.168.11.1	192.168.11.33	-	255.255.255.224	-
Router Yogyakarta	-	192.168.11.34	192.168.11.65	192.168.11.97	255.255.255.224	-
Router Surabaya	-	192.168.11.98	192.168.11.129	192.168.11.161	255.255.255.224	-
Wireless Router	192.168.11.167	-	-	-	255.255.255.224	192.168.11.2
PC0 - PC23	192.168.11.66- 192.168.11.89	-	-	-	255.255.255.224	192.168.11.2
Laptop0 – Laptop1	192.168.11.131- 192.168.11.154	-	-	-	255.255.255.224	192.168.11.2
Laptop24	192.168.11.169	-	-	-	255.255.255.224	192.168.11.2
Laptop25	192.168.11.170	-	-	-	255.255.255.224	192.168.11.2

### SPESIFIKASI PERANGKAT

Hardware:

- Processor i5 gen7
- RAM 8GB
- SSD 240GB

Software:

- Cisco Packet Tracer