

# LAMPIRAN 1

## A. Konfigurasi R1

### Konfigurasi interface

```
[admin@MikroTik] > ip address add address=10.10.10.1/24 interface=ether1_
```

```
[admin@MikroTik] > ip address add address=15.15.15.1/24 interface=ether2_
```

```
[admin@MikroTik] > interface bridge add name=lobridge_
```

```
[admin@MikroTik] > ip address add address=3.3.3.1/32 interface=lobridge _
```

### Konfigurasi OSPF

```
[admin@MikroTik] > routing ospf network add area=backbone network=10.10.10.0/24_
```

```
[admin@MikroTik] > routing ospf network add area=backbone network=15.15.15.0/24_
```

```
[admin@MikroTik] > routing ospf network add area=backbone network=3.3.3.1/32_
```

### Konfigurasi MPLS

```
[admin@MikroTik] > mpls ldp set enabled=yes transport-address=3.3.3.1 lsr-id=3.3  
.3.1_
```

```
[admin@MikroTik] > mpls ldp interface add interface=ether2_
```

## B. Konfigurasi R2

### Konfigurasi interface

```
[admin@MikroTik] > ip address add address=15.15.15.2/24 interface=ether1 _
```

```
[admin@MikroTik] > ip address add address=9.9.9.1/24 interface=ether2_
```

```
[admin@MikroTik] > interface bridge add name=lobridge_
```

```
[admin@MikroTik] > ip address add address=3.3.3.2/32 interface=lobridge _
```

### Konfigurasi OSPF

```
[admin@MikroTik] > routing ospf network add area=backbone network=15.15.15.0/24_
```

```
[admin@MikroTik] > routing ospf network add area=backbone network=9.9.9.0/24_
```

```
[admin@MikroTik] > routing ospf network add area=backbone network=3.3.3.2/32_
```

## Konfigurasi MPLS

```
[admin@MikroTik] > mpls ldp set enabled=yes transport-address=3.3.3.2 lsr-id=3.3.3.2_
```

```
[admin@MikroTik] > mpls ldp interface add interface=ether1_
```

```
[admin@MikroTik] > mpls ldp interface add interface=ether2_
```

## C. Konfigurasi R3

### Konfigurasi interface

```
[admin@MikroTik] > ip address add address=9.9.9.2/24 interface=ether1_
```

```
[admin@MikroTik] > ip address add address=20.20.20.1/24 interface=ether2_
```

```
[admin@MikroTik] > interface bridge add name=lobridge_
```

```
[admin@MikroTik] > ip address add address=3.3.3.3/32 interface=lobridge_
```

### Konfigurasi OSPF

```
[admin@MikroTik] > routing ospf network add area=backbone network=9.9.9.0/24_
```

```
[admin@MikroTik] > routing ospf network add area=backbone network=20.20.20.0/24_
```

```
[admin@MikroTik] > routing ospf network add area=backbone network=3.3.3.3/32_
```

## Konfigurasi MPLS

```
[admin@MikroTik] > mpls ldp set enabled=yes transport-address=3.3.3.3 lsr-id=3.3.3.3_
```

```
[admin@MikroTik] > mpls ldp interface add interface=ether1_
```

```
[admin@MikroTik] > mpls ldp interface add interface=ether2_
```

## D. Konfigurasi R4

### Konfigurasi interface

```
[admin@MikroTik] > ip address add address=20.20.20.2/24 interface=ether1_
```

```
[admin@MikroTik] > ip address add address=192.168.5.1/24 interface=ether2_
```

```
[admin@MikroTik] > interface bridge add name=lobridge_
```

```
[admin@MikroTik] > ip address add address=3.3.3.4/32 interface=lobridge_
```

## Konfigurasi OSPF

```
[admin@MikroTik] > routing ospf network add area=backbone network=20.20.20.0/24_
```

```
[admin@MikroTik] > routing ospf network add area=backbone network=192.168.5.0/24
```

```
[admin@MikroTik] > routing ospf network add area=backbone network=3.3.3.4/32_
```

## Konfigurasi MPLS

```
[admin@MikroTik] > mpls ldp set enabled=yes transport-address=3.3.3.4 lsr-id=3.3  
.3.4_
```

```
[admin@MikroTik] > mpls ldp interface add interface=ether1_
```