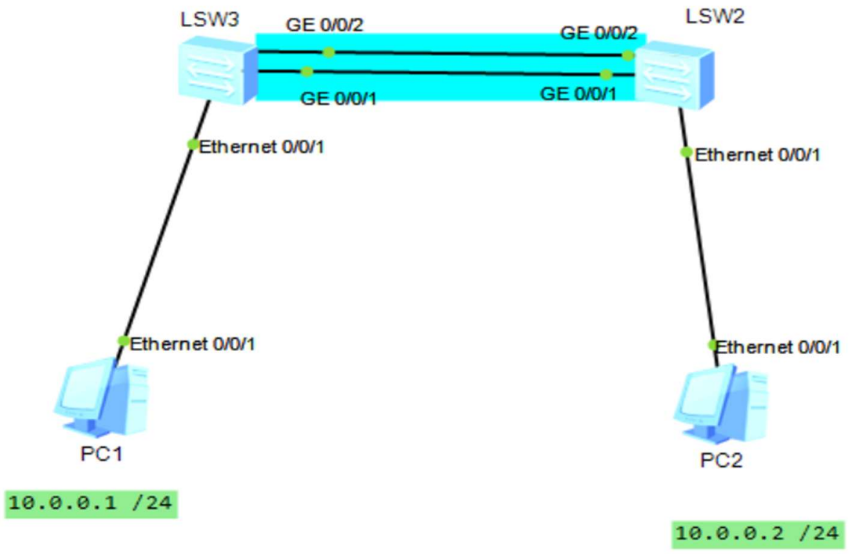
LAB-09

Configure the following scenario by applying the LACP method (eth-trunk) in eNSP.

eNSP simulation:



First, we assigned the IP addresses to both PCs then we apply these commands on both switches to configure LACP.

Configuration on LSW2:

```
interface Eth-Trunk1
 port link-type trunk
 mode lacp-static
 max active-linknumber 2
#
```

```
interface GigabitEthernet0/0/1
 eth-trunk 1
#
interface GigabitEthernet0/0/2
 eth-trunk 1
#
```

Configuration on LSW3:

```
interface Eth-Trunk1
 port link-type trunk
 mode lacp-static
 max active-linknumber 2
#
```

```
interface GigabitEthernet0/0/1
 eth-trunk 1
#
interface GigabitEthernet0/0/2
 eth-trunk 1
#
```

We can check the status through this command

LSW2:

```
<LSW2>display eth-trunk 1
Eth-Trunk1's state information is:
Local:
LAG ID: 1                   WorkingMode: STATIC
Preempt Delay: Disabled     Hash arithmetic: According to SIP-XOR-DIP
System Priority: 32768      System ID: 4c1f-cc59-67a5
Least Active-linknumber: 1  Max Active-linknumber: 2
Operate status: up          Number Of Up Port In Trunk: 2
--------------------------------------------------------------------------------
ActorPortName          Status   PortType PortPri PortNo PortKey PortState Weight
GigabitEthernet0/0/1   Selected 1GE      32768   2      305     10111100  1
GigabitEthernet0/0/2   Selected 1GE      32768   3      305     10111100  1

Partner:
--------------------------------------------------------------------------------
ActorPortName          SysPri   SystemID        PortPri PortNo PortKey PortState
GigabitEthernet0/0/1   32768    4c1f-cc49-46b1  32768   2      305     10111100
GigabitEthernet0/0/2   32768    4c1f-cc49-46b1  32768   3      305     10111100
```

LSW3:

```
<LSW3>display eth-trunk 1
Eth-Trunk1's state information is:
Local:
LAG ID: 1                   WorkingMode: STATIC
Preempt Delay: Disabled     Hash arithmetic: According to SIP-XOR-DIP
System Priority: 32768      System ID: 4c1f-cc49-46b1
Least Active-linknumber: 1  Max Active-linknumber: 2
Operate status: up          Number Of Up Port In Trunk: 2
--------------------------------------------------------------------------------
ActorPortName          Status   PortType PortPri PortNo PortKey PortState Weight
GigabitEthernet0/0/1   Selected 1GE      32768   2      305     10111100  1
GigabitEthernet0/0/2   Selected 1GE      32768   3      305     10111100  1

Partner:
--------------------------------------------------------------------------------
ActorPortName          SysPri   SystemID        PortPri PortNo PortKey PortState
GigabitEthernet0/0/1   32768    4c1f-cc59-67a5  32768   2      305     10111100
GigabitEthernet0/0/2   32768    4c1f-cc59-67a5  32768   3      305     10111100

<LSW3>
```