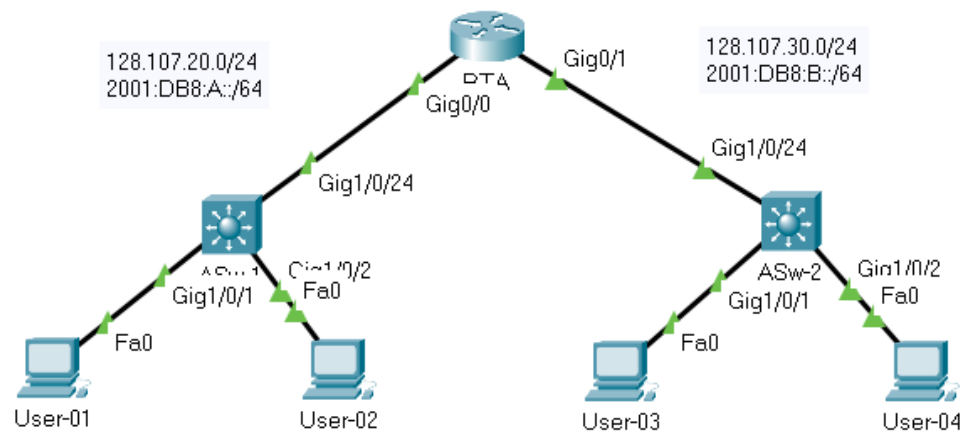


## Basic Router Configuration:



### For Router(RTA):

Router>en

Router#conf t

Enter configuration commands, one per line. End with CNTL/Z.

Router(config)#hostname RTA

RTA(config)#enable secret class

RTA(config)#line console 0

RTA(config-line)#password cisco

RTA(config-line)#login

RTA(config-line)#exit

RTA(config)#line vty 0 15

RTA(config-line)#password cisco

RTA(config-line)#login

RTA(config-line)#exit

RTA(config)#service password-encryption

RTA(config)#banner motd %Authorized Personnel Only%

```
RTA(config)#ipv6 unicast-routing
```

```
RTA(config)#interface gigabitEthernet 0/0
```

```
RTA(config-if)#description "ASw-1 to RTA Link"
```

```
RTA(config-if)#ip address 128.107.20.1 255.255.255.0
```

```
RTA(config-if)#no shutdown
```

```
RTA(config-if)#ipv6 address 2001:DB8:A::1/64
```

```
RTA(config-if)#ipv6 address fe80::1 link-local
```

```
RTA(config-if)#no shutdown
```

```
RTA(config-if)#exit
```

```
RTA(config)#int g0/1
```

```
RTA(config-if)#description "ASw-2 to RTA Link"
```

```
RTA(config-if)#ip address 128.107.30.1 255.255.255.0
```

```
RTA(config-if)#no shutdown
```

```
RTA(config-if)#ipv6 address 2001:DB8:B::1/64
```

```
RTA(config-if)#ipv6 address fe80::1 link-local
```

```
RTA(config-if)#no shutdown
```

```
RTA(config-if)#exit
```

```
RTA(config-if)#do wr m
```

```
Building configuration...
```

```
[OK]
```

### **For A Sw-2: (Same for A Sw-1)**

```
Switch>en
```

```
Switch#conf t
```

```
Enter configuration commands, one per line. End with CNTL/Z.
```

```
Switch(config)#hostname ASw-2
```

```
ASw-2(config)#enable secret class
```

```
ASw-2(config)#line console 0
```

```
ASw-2(config-line)#password cisco
ASw-2(config-line)#login
ASw-2(config-line)#exit
ASw-2(config)#line vty 0 15
ASw-2(config-line)#password cisco
ASw-2(config-line)#login
ASw-2(config-line)#exit
ASw-2(config)#service password-encryption
ASw-2(config)#banner motd %Authorized Personnel Only%

ASw-2(config)#interface vlan 1
ASw-2(config-if)#description "User-03 & 04 to ASw-2 Link"
ASw-2(config-if)#ip address 128.107.30.15 255.255.255.0
ASw-2(config-if)#no shutdown
ASw-2(config-if)#exit
ASw-2(config)#do wr m
Building configuration...
Compressed configuration from 7383 bytes to 3601 bytes[OK]
[OK]
```

**Pkt file : module 1: 10.4.3 Basic Device Configuration**