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| Kantor pusat | Device | Interface | IP Address | VLAN |
| USER R1 HQ | GigabitEthernet3/0 | 192.168.25.1 | N/A |
| Serial7/0 | 10.1.1.1 | N/A |
| Serial9/0 | 10.1.1.9 | N/A |
| SERVER R2 HQ | GigabitEthernet2/0 | 192.168.20.1 | N/A |
| GigabitEthernet6/0 | 192.168.7.1 | N/A |
| Serial7/0 | 10.1.1.2 | N/A |
| Serial8/0 | 10.1.1.5 | N/A |
| USER R3 HQ | GigabitEthernet6/0 | 192.168.7.1 | N/A |
| Serial8/0 | 10.1.1.6 | N/A |
| Serial9/0 | 10.1.1.10 | N/A |
| PC 0 | Fa0 | 192.168.1.2 | 10 |
| PC 1 | Fa0 | 192.168.2.2 | 20 |
| PC 2 | Fa0 | 192.168.3.2 | 30 |
| PC 3 | Fa0 | 192.168.4.2 | 40 |
| PC 4 | Fa0 | 192.168.5.2 | 50 |
| PC 5 | Fa0 | 192.168.6.2 | 60 |
| SERVER HQ 1 | N/A | 192.168.20.2 | N/A |

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| Cabang  1 Rifqi | Device | Interface | IP Address | VLAN |
| Router0 | Serial7/0 | 10.0.0.1 | N/A |
| MAIN ROUTER RIFQI | FastEthernet0/0 | 192.168.40.1 | N/A |
| GigabitEthernet2/0 | 192.168.3.1 | N/A |
| Serial7/0 | 10.0.0.2 | N/A |
| PC 8 | Fa0 | 192.168.1.2 | 10 |
| PC 9 | Fa0 | 192.168.2.2 | 20 |
| SERVER RIFQI | FastEthernet0 | 192.168.40.2 | N/A |

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| Cabang  2 Damar | Device | Interface | IP Address | VLAN |
| Router2(1) | Serial7/0 | 10.0.1.1 | N/A |
|  | Serial8/0 | 10.1.1.1 | N/A |
| MAIN ROUTER Damar | FastEthernet0/0 | 192.168.10.1 | N/A |
| GigabitEthernet2/0 | 192.168.8.1 | N/A |
| Serial8/0 | 10.1.1.2 | N/A |
| PC 8(1) | Fa0 | 192.168.1.2 | 10 |
| PC 9(2) | Fa0 | 192.168.2.2 | 20 |
| SERVER DAMAR | FastEthernet0 | 192.168.10.3 | N/A |

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| Kantor Pusat | Device | Interface | IP Address | Subnet Mask |
| SERVER R2 HQ | GigabitEthernet9/0 | 10.100.10.2 | 255.255.255.0 |
| NAT Pool | 200.201.200.1-7 | 255.255.255.248 |
| NAT Static | 200.200.200.100 | 255.255.255.255 |

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| Cabang  1 Rifqi | Device | Interface | IP Address | Subnet Mask |
| MAIN ROUTER RIFQI | GigabitEthernet9/0 | 10.100.30.2 | 255.255.255.252 |
| NAT Pool | 200.221.221.1-7 | 255.255.255.248 |
| NAT Static | 200.220.220.100 | 255.255.255.255 |

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| Cabang  2 Damar | Device | Interface | IP Address | Subnet Mask |
| Router2(1) | GigabitEthernet3/0 | 8.8.8.1 | 255.255.255.0 |
| MAIN ROUTER Damar | GigabitEthernet7/0 | 10.100.20.2 | 255.255.255.252 |
| NAT Pool | 200.211.211.1-7 | 255.255.255.248 |
| NAT Static | 200.210.210.100 | 255.255.255.255 |

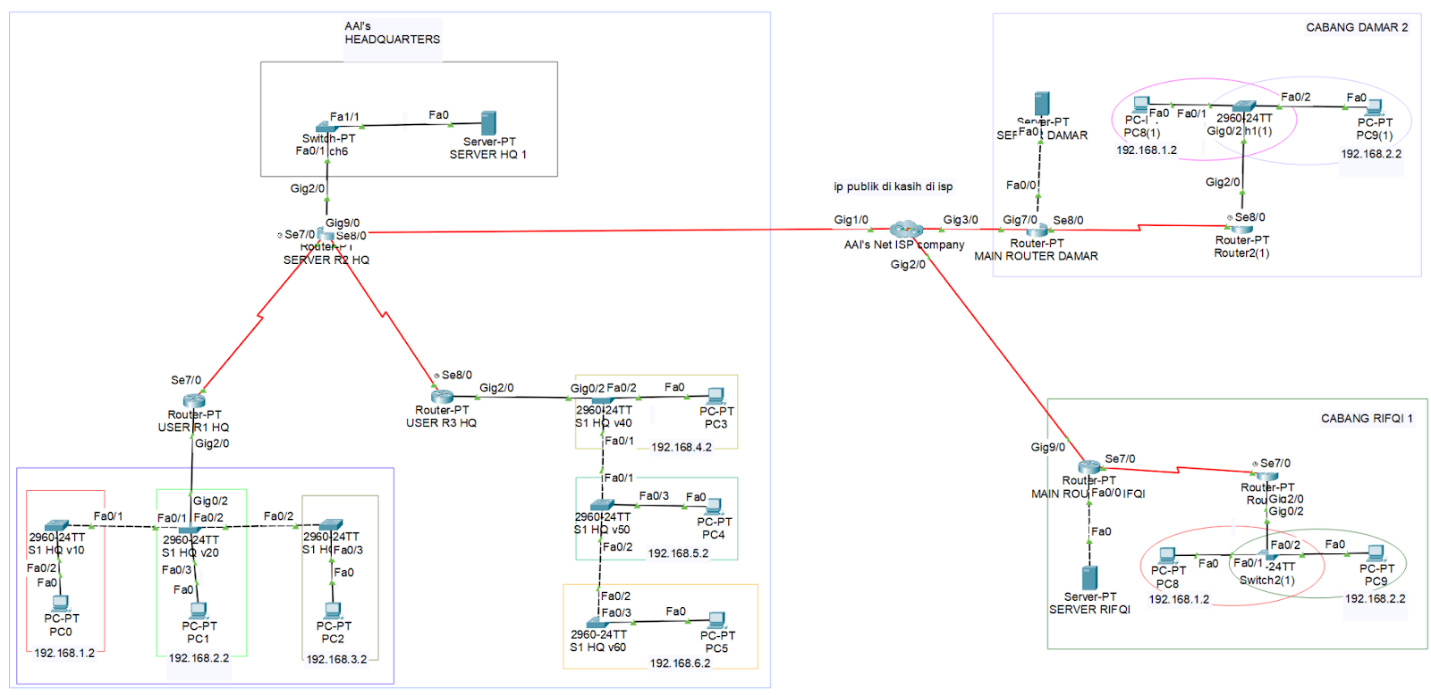
Kelompok 5 :

Damar Sadewa Putra Purwanta (20230140110)

Ananda Agung Ismail (20230140123)

Aiskha Zahwa Rayya (20230140146)

Muhammad Rifqi Alimin (20230140147)



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| PUSAT | | | | | | |
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| Device | Interface | IP Network | IP Address | VLAN | Default Gateway | DNS Server |
| USER R1 HQ | GigabitEthernet3/0 | 192.168.25.0/24 | 192.168.25.1 | N/A | N/A | N/A |
|  | Serial7/0 | 10.1.1.0/30 | 10.1.1.1 | N/A | N/A | N/A |
|  | Serial9/0 | 10.1.1.8/30 | 10.1.1.9 | N/A | N/A | N/A |
| SERVER R2 HQ | GigabitEthernet2/0 | 192.168.20.0/24 | 192.168.20.1 | N/A | N/A | N/A |
|  | GigabitEthernet6/0 | 192.168.7.0/24 | 192.168.7.1 | N/A | N/A | N/A |
|  | Serial7/0 | 10.1.1.0/30 | 10.1.1.2 | N/A | N/A | N/A |
|  | Serial8/0 | 10.1.1.4/30 | 10.1.1.5 | N/A | N/A | N/A |
| USER R3 HQ | GigabitEthernet6/0 | 192.168.7.0/24 | 192.168.7.1 | N/A | N/A | N/A |
|  | Serial8/0 | 10.1.1.4/30 | 10.1.1.6 | N/A | N/A | N/A |
|  | Serial9/0 | 10.1.1.8/30 | 10.1.1.10 | N/A | N/A | N/A |
| S1 HQ v10 | FastEthernet0/1 | N/A | N/A | 1-1005 | N/A | N/A |
|  | FastEthernet0/2-24 | 192.168.1.0/24 | N/A (Access Ports) | 10 | N/A | N/A |
|  | GigabitEthernet0/1 - GigabitEthernet0/2 | N/A | N/A | 1 | N/A | N/A |
| S1 HQ v20 | FastEthernet0/1-2 | N/A | N/A | 1-1005 | N/A | N/A |
|  | FastEthernet0/3-24 | 192.168.2.0/24 | N/A (Access Ports) | 20 | N/A | N/A |
|  | GigabitEthernet0/1 | N/A | N/A | 1 | N/A | N/A |
|  | GigabitEthernet0/2 | N/A | N/A | 1-1005 | N/A | N/A |
| S1 HQ v30 | FastEthernet0/1 | N/A | N/A | 1 | N/A | N/A |
|  | FastEthernet0/2 | N/A | N/A | 1-1005 | N/A | N/A |
|  | FastEthernet0/3-24 | 192.168.3.0/24 | N/A (Access Ports) | 30 | N/A | N/A |
|  | GigabitEthernet0/1-2 | N/A | N/A | 1 | N/A | N/A |
| S1 HQ v40 | FastEthernet0/1 | N/A | N/A | 1-1005 | N/A | N/A |
|  | FastEthernet0/2-24 | 192.168.4.0/24 | N/A (Access Port) | 40 | N/A | N/A |
|  | GigabitEthernet0/1 | N/A | N/A | 1 | N/A | N/A |
|  | GigabitEthernet0/2 | N/A | N/A | 1-1005 | N/A | N/A |
| S1 HQ v50 | FastEthernet0/1-2 | N/A | N/A | 1-1005 | N/A | N/A |
|  | FastEthernet0/3-24 | 192.168.5.0/24 | N/A (Access Ports) | 50 | N/A | N/A |
|  | GigabitEthernet0/1-2 | N/A | N/A | 1 | N/A | N/A |
| S1 HQ v60 | FastEthernet0/1 | N/A | N/A | 1 | N/A | N/A |
|  | FastEthernet0/2 | N/A | N/A | 1-1005 | N/A | N/A |
|  | FastEthernet0/3-24 | 192.168.6.0/24 | N/A (Access Port) | 60 | N/A | N/A |
|  | GigabitEthernet0/1-2 | N/A | N/A | 1 | N/A | N/A |
| Switch 6 | FastEthernet0/1-1/1 | N/A | N/A | 1-1005 | N/A | N/A |
|  | FastEthernet2/1-5/1 | N/A | N/A | 1 | N/A | N/A |
| PC 0 | Fa0 | 192.168.1.0/24 | 192.168.1.2 | 10 | 192.168.1.1 | 8.8.8.8 |
| PC 1 | Fa0 | 192.168.2.0/24 | 192.168.2.2 | 20 | 192.168.2.1 | 10.10.40.100 |
| PC 2 | Fa0 | 192.168.3.0/24 | 192.168.3.2 | 30 | 192.168.3.1 | 8.8.8.8 |
| PC 3 | Fa0 | 192.168.4.0/24 | 192.168.4.2 | 40 | 192.168.4.1 | 8.8.8.8 |
| PC 4 | Fa0 | 192.168.5.0/24 | 192.168.5.2 | 50 | 192.168.5.1 | 8.8.8.8 |
| PC 5 | Fa0 | 192.168.6.0/24 | 192.168.6.2 | 60 | 192.168.6.1 | 8.8.8.8 |
| SERVER HQ 1 | N/A | 192.168.20.0/24 | 192.168.20.2 | N/A | 192.168.20.1 | 8.8.8.8 |

| Cabang  1 Rifqi | | | | | | |
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| Device | Interface | IP Network | IP Address | VLAN | Default Gateway | DNS Server |
| Router0 | Serial7/0 | 10.0.0.0/30 | 10.0.0.1 | N/A | N/A | N/A |
| MAIN ROUTER RIFQI | FastEthernet0/0 | 192.168.40.0/24 | 192.168.40.1 | N/A | N/A | N/A |
|  | GigabitEthernet2/0 | 192.168.3.0/24 | 192.168.3.1 | N/A | N/A | N/A |
|  | Serial7/0 | 10.0.0.0/30 | 10.0.0.2 | N/A | N/A | N/A |
| Switch2(1) | FastEthernet0/1 | 192.168.1.0/24 | N/A (Access Port) | 10 | N/A | N/A |
|  | FastEthernet0/2 | 192.168.2.0/24 | N/A (Access Port) | 20 | N/A | N/A |
|  | FastEthernet0/3-24 | N/A | N/A | 1 | N/A | N/A |
|  | GigabitEthernet0/1 | N/A | N/A | 1-1005 | N/A | N/A |
|  | GigabitEthernet0/2 | N/A | N/A | 10-10,20-20 | N/A | N/A |
| PC 8 | Fa0 | 192.168.1.0/24 | 192.168.1.2 | 10 | 192.168.1.1 | 8.8.8.8 |
| PC 9 | Fa0 | 192.168.2.0/24 | 192.168.2.2 | 20 | 192.168.2.1 | 8.8.8.8 |
| SERVER RIFQI | FastEthernet0 | 192.168.40.0/24 | 192.168.40.2 | N/A | 192.168.40.1 | 8.8.8.8 |

| Cabang 2 Damar | | | | | | |
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| Device | Interface | IP Network | IP Address | VLAN | Default Gateway | DNS Server |
| Router2(1) | Serial7/0 | 10.0.1.0/30 | 10.0.1.1 | N/A | N/A | N/A |
|  | Serial8/0 | 10.1.1.0/30 | 10.1.1.1 | N/A | N/A | N/A |
| MAIN ROUTER DAMAR | FastEthernet0/0 | 192.168.10.0/24 | 192.168.10.1 | N/A | N/A | N/A |
|  | GigabitEthernet2/0 | 192.168.8.0/24 | 192.168.8.1 | N/A | N/A | N/A |
|  | Serial8/0 | 10.1.1.0/30 | 10.1.1.2 | N/A | N/A | N/A |
| Switch1(1) | FastEthernet0/1 | 192.168.1.0/24 | N/A (Access Port) | 10 | N/A | N/A |
|  | FastEthernet0/2 | 192.168.2.0/24 | N/A (Access Port) | 20 | N/A | N/A |
|  | FastEthernet0/3-24 | N/A | N/A | 1 | N/A | N/A |
|  | GigabitEthernet0/1 | N/A | N/A | 1 | N/A | N/A |
|  | GigabitEthernet0/2 | N/A | N/A | 10-10,20-20 | N/A | N/A |
| PC 8(1) | Fa0 | 192.168.1.0/24 | 192.168.1.2 | 10 | 192.168.1.1 | 8.8.8.8 |
| PC 9(2) | Fa0 | 192.168.2.0/24 | 192.168.2.2 | 20 | 192.168.2.1 | 8.8.8.8 |
| SERVER DAMAR | FastEthernet0 | 192.168.10.0/24 | 192.168.10.3 | N/A | 192.168.10.1 | 8.8.8.8 |

| Internet | | | | |
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| Device | Interface | IP Network | IP Address | Default Gateway |
| DNS Router | GigabitEthernet1/0 | 170.170.170.0/24 | 170.170.170.1 |  |
| DNS SERVER | FastEthernet0 | 170.170.170.0/24 | 170.170.170.2 | 170.170.170.1 |

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| Device | Interface | IP Network | IP Address | Subnet Mask |
| SERVER R2 HQ | GigabitEthernet9/0 | 11.100.10.0/24 | 11.100.10.2 | 255.255.255.252 |
|  | NAT Pool | 200.201.200.0/29 | 200.201.200.1-7 | 255.255.255.248 |
|  | NAT Static | N/A | 200.200.200.100 | 255.255.255.255 |

| Cabang 1 Rifqi | | | | |
| --- | --- | --- | --- | --- |
| Device | Interface | IP Network | IP Network | Subnet Mask |
| MAIN ROUTER RIFQI | GigabitEthernet9/0 | 11.100.30.0/30 | 11.100.30.2 | 255.255.255.252 |
|  | NAT Pool | 200.221.221.0/29 | 200.221.221.1-7 | 255.255.255.248 |
|  | NAT Static | N/A | 200.220.220.100 | 255.255.255.255 |

| Cabang 2 Damar | | | | |
| --- | --- | --- | --- | --- |
| Device | Interface | IP Network | IP Network | Subnet Mask |
| Router2(1) | GigabitEthernet3/0 | 8.8.8.0/24 | 8.8.8.1 | 255.255.255.0 |
| MAIN ROUTER  Damar | GigabitEthernet7/0 | 11.100.20.0/24 | 11.100.20.2 | 255.255.255.252 |
|  | NAT Pool | 200.211.211.0/29 | 200.211.211.1-7 | 255.255.255.248 |
|  | NAT Static | N/A | 200.210.210.100 | 255.255.255.255 |

| Internet | | | |
| --- | --- | --- | --- |
| Device | Interface | IP Address | Subnet Mask |
| AAI's ISP | GigabitEthernet1/0 | 10.100.10.1 | 255.255.255.252 |
|  | GigabitEthernet2/0 | 10.100.30.1 | 255.255.255.252 |
|  | GigabitEthernet3/0 | 10.100.20.1 | 255.255.255.252 |
|  | GigabitEthernet6/0 | 10.10.40.1 | 255.255.255.0 |
|  | Static Routes | 8.8.8.8 | 255.255.255.255 |
|  | Static Routes | 200.200.200.100 | 255.255.255.255 |
|  | Static Routes | 200.210.210.100 | 255.255.255.255 |
|  | Static Routes | 200.220.220.100 | 255.255.255.255 |
|  | Static Routes | 200.201.200.0 | 255.255.255.248 |
|  | Static Routes | 200.211.211.0 | 255.255.255.248 |
|  | Static Routes | 200.221.221.0 | 255.255.255.248 |
| DNS Route | GigabitEthernet0/0 | 10.10.40.2 | 255.255.255.0 |
|  | NAT Static | 8.8.8.8 | 255.255.255.255 |