The network 192.168.0.0/23 has 510 hosts.  
Your subnets need 209 hosts.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Hosts Needed | Hosts Available | Unused Hosts | Network Address | Slash | Mask | Usable Range | Broadcast | Wildcard |
| Malang\_A | 50 | 62 | 12 | 192.168.0.0 | /26 | 255.255.255.192 | 192.168.0.1 - 192.168.0.62 | 192.168.0.63 | 0.0.0.63 |
| Malang\_E | 41 | 62 | 21 | 192.168.0.64 | /26 | 255.255.255.192 | 192.168.0.65 - 192.168.0.126 | 192.168.0.127 | 0.0.0.63 |
| Malang\_F | 35 | 62 | 27 | 192.168.0.128 | /26 | 255.255.255.192 | 192.168.0.129 - 192.168.0.190 | 192.168.0.191 | 0.0.0.63 |
| Malang\_D | 34 | 62 | 28 | 192.168.0.192 | /26 | 255.255.255.192 | 192.168.0.193 - 192.168.0.254 | 192.168.0.255 | 0.0.0.63 |
| Malang\_C | 29 | 30 | 1 | 192.168.1.0 | /27 | 255.255.255.224 | 192.168.1.1 - 192.168.1.30 | 192.168.1.31 | 0.0.0.31 |
| Malang\_B | 20 | 30 | 10 | 192.168.1.32 | /27 | 255.255.255.224 | 192.168.1.33 - 192.168.1.62 | 192.168.1.63 | 0.0.0.31 |

The network 192.168.2.0/24 has 254 hosts.  
Your subnets need 159 hosts.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Hosts Needed | Hosts Available | Unused Hosts | Network Address | Slash | Mask | Usable Range | Broadcast | Wildcard |
| Jakarta\_E | 41 | 62 | 21 | 192.168.2.0 | /26 | 255.255.255.192 | 192.168.2.1 - 192.168.2.62 | 192.168.2.63 | 0.0.0.63 |
| Jakarta\_F | 35 | 62 | 27 | 192.168.2.64 | /26 | 255.255.255.192 | 192.168.2.65 - 192.168.2.126 | 192.168.2.127 | 0.0.0.63 |
| Jakarta\_D | 34 | 62 | 28 | 192.168.2.128 | /26 | 255.255.255.192 | 192.168.2.129 - 192.168.2.190 | 192.168.2.191 | 0.0.0.63 |
| Jakarta\_C | 29 | 30 | 1 | 192.168.2.192 | /27 | 255.255.255.224 | 192.168.2.193 - 192.168.2.222 | 192.168.2.223 | 0.0.0.31 |
| Jakarta\_B | 20 | 30 | 10 | 192.168.2.224 | /27 | 255.255.255.224 | 192.168.2.225 - 192.168.2.254 | 192.168.2.255 | 0.0.0.31 |

The network 192.168.3.0/24 has 254 hosts.  
Your subnets need 148 hosts.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Hosts Needed | Hosts Available | Unused Hosts | Network Address | Slash | Mask | Usable Range | Broadcast | Wildcard |
| Yogyakarta\_A | 50 | 62 | 12 | 192.168.3.0 | /26 | 255.255.255.192 | 192.168.3.1 - 192.168.3.62 | 192.168.3.63 | 0.0.0.63 |
| Yogyakarta\_F | 35 | 62 | 27 | 192.168.3.64 | /26 | 255.255.255.192 | 192.168.3.65 - 192.168.3.126 | 192.168.3.127 | 0.0.0.63 |
| Yogyakarta\_D | 34 | 62 | 28 | 192.168.3.128 | /26 | 255.255.255.192 | 192.168.3.129 - 192.168.3.190 | 192.168.3.191 | 0.0.0.63 |
| Yogyakarta\_C | 29 | 30 | 1 | 192.168.3.192 | /27 | 255.255.255.224 | 192.168.3.193 - 192.168.3.222 | 192.168.3.223 | 0.0.0.31 |

The network 192.168.4.0/24 has 254 hosts.  
Your subnets need 130 hosts.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Hosts Needed | Hosts Available | Unused Hosts | Network Address | Slash | Mask | Usable Range | Broadcast | Wildcard |
| Semarang\_E | 41 | 62 | 21 | 192.168.4.0 | /26 | 255.255.255.192 | 192.168.4.1 - 192.168.4.62 | 192.168.4.63 | 0.0.0.63 |
| Semarang\_F | 35 | 62 | 27 | 192.168.4.64 | /26 | 255.255.255.192 | 192.168.4.65 - 192.168.4.126 | 192.168.4.127 | 0.0.0.63 |
| Semarang\_D | 34 | 62 | 28 | 192.168.4.128 | /26 | 255.255.255.192 | 192.168.4.129 - 192.168.4.190 | 192.168.4.191 | 0.0.0.63 |
| Semarang\_B | 20 | 30 | 10 | 192.168.4.192 | /27 | 255.255.255.224 | 192.168.4.193 - 192.168.4.222 | 192.168.4.223 | 0.0.0.31 |

The network 192.168.6.0/23 has 510 hosts.  
Your subnets need 189 hosts.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Hosts Needed | Hosts Available | Unused Hosts | Network Address | Slash | Mask | Usable Range | Broadcast | Wildcard |
| Bandung\_A | 50 | 62 | 12 | 192.168.6.0 | /26 | 255.255.255.192 | 192.168.6.1 - 192.168.6.62 | 192.168.6.63 | 0.0.0.63 |
| Bandung \_E | 41 | 62 | 21 | 192.168.6.64 | /26 | 255.255.255.192 | 192.168.6.65 - 192.168.6.126 | 192.168.6.127 | 0.0.0.63 |
| Bandung \_F | 35 | 62 | 27 | 192.168.6.128 | /26 | 255.255.255.192 | 192.168.6.129 - 192.168.6.190 | 192.168.6.191 | 0.0.0.63 |
| Bandung \_D | 34 | 62 | 28 | 192.168.6.192 | /26 | 255.255.255.192 | 192.168.6.193 - 192.168.6.254 | 192.168.6.255 | 0.0.0.63 |
| Bandung \_C | 29 | 30 | 1 | 192.168.7.0 | /27 | 255.255.255.224 | 192.168.7.1 - 192.168.7.30 | 192.168.7.31 | 0.0.0.31 |

The network 192.168.5.0/24 has 254 hosts.  
Your subnets need 155 hosts.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Hosts Needed | Hosts Available | Unused Hosts | Network Address | Slash | Mask | Usable Range | Broadcast | Wildcard |
| Bali\_A | 50 | 62 | 12 | 192.168.5.0 | /26 | 255.255.255.192 | 192.168.5.1 - 192.168.5.62 | 192.168.5.63 | 0.0.0.63 |
| Bali\_E | 41 | 62 | 21 | 192.168.5.64 | /26 | 255.255.255.192 | 192.168.5.65 - 192.168.5.126 | 192.168.5.127 | 0.0.0.63 |
| Bali\_F | 35 | 62 | 27 | 192.168.5.128 | /26 | 255.255.255.192 | 192.168.5.129 - 192.168.5.190 | 192.168.5.191 | 0.0.0.63 |
| Bali\_C | 29 | 30 | 1 | 192.168.5.192 | /27 | 255.255.255.224 | 192.168.5.193 - 192.168.5.222 | 192.168.5.223 | 0.0.0.31 |

The network 192.168.8.0/24 has 254 hosts.  
Your subnets need 126 hosts.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Hosts Needed | Hosts Available | Unused Hosts | Network Address | Slash | Mask | Usable Range | Broadcast | Wildcard |
| Palembang\_A | 50 | 62 | 12 | 192.168.8.0 | /26 | 255.255.255.192 | 192.168.8.1 - 192.168.8.62 | 192.168.8.63 | 0.0.0.63 |
| Palembang\_E | 41 | 62 | 21 | 192.168.8.64 | /26 | 255.255.255.192 | 192.168.8.65 - 192.168.8.126 | 192.168.8.127 | 0.0.0.63 |
| Palembang\_F | 35 | 62 | 27 | 192.168.8.128 | /26 | 255.255.255.192 | 192.168.8.129 - 192.168.8.190 | 192.168.8.191 |  |