| Static addresses: | Address                         |                               | Hosts - DHCP addressing |                 | Name                                | Interface name | Hostname          | IP address     | Subnet Mask     | Default Gateway |
|-------------------|---------------------------------|-------------------------------|-------------------------|-----------------|-------------------------------------|----------------|-------------------|----------------|-----------------|-----------------|
| Router            | Last address in the address     | pool                          |                         |                 | Server room router to outer network | G0/0           | ServerRoom-Router | 10.253.173.201 | 255.255.255.0   | 10.253.173.1    |
| Switch VLAN       | Second last address in the pool |                               |                         |                 | Server room router to master switch | G0/1           | ServerRoom-Router | 192.168.0.126  | 255.255.255.128 | 10.253.173.201  |
|                   |                                 |                               |                         |                 | Server room master switch VLAN      | VLAN1          | ServerRoom-Switch | 192.168.0.125  | 255.255.255.128 | N/A             |
|                   |                                 |                               |                         |                 | Rack #1 Router                      | G0/0           | Rack1-Router1     | 192.168.0.254  | 255.255.255.128 | 192 168 0 126   |
|                   |                                 | Outer network                 |                         |                 | Rack #1 VLAN                        | VLAN1          | Rack1-Switch1     |                | 255.255.255.128 |                 |
|                   | ,                               | 0                             |                         |                 | TOOK #1 VEX IIV                     | VD (141        | racki Cwitchii    | 102.100.0.200  | 200.200.200.120 | 1070            |
|                   |                                 |                               |                         |                 | Rack #2 Router                      | G0/0           | Rack2-Router2     | 192.168.1.126  | 255.255.255.128 | 192.168.0.126   |
|                   |                                 | [G0/0                         |                         |                 | Rack #2 VLAN                        | VLAN1          | Rack2-Switch1     | 192.168.1.125  | 255.255.255.128 | N/A             |
|                   |                                 |                               |                         |                 | Rack #3 Router                      | G0/0           | Rack3-Router1     | 192.168.1.254  | 255.255.255.128 | 192.168.0.126   |
|                   |                                 |                               |                         |                 | Rack #3 VLAN                        | VLAN1          | Rack3-Switch1     | 192.168.1.253  | 255.255.255.128 | N/A             |
| Rack #1           | Rack #2 Rack #3 F               | Rack #4 Rack #5               | Rack #6 Rack #7         | Rack #8         | Rack #4 Router                      | G0/0           | Rack4-Router1     | 192.168.2.126  | 255.255.255.128 | 192.168.0.126   |
|                   |                                 |                               |                         |                 | Rack #4 VLAN                        | VLAN1          | Rack4-Switch1     | 192.168.2.125  | 255.255.255.128 | N/A             |
| G0/0              | G0/0 G0/0                       | G0/0 G0/0                     | G0/0                    | G0/0 G0/0       | Rack #5 Router                      | G0/0           | Rack5-Router1     | 192.168.2.254  | 255.255.255.128 | 192.168.0.126   |
| G0/1              | G0/1 G0/1                       | G0/1 G0/                      |                         | G0/1 G0/1       | Rack #5 VLAN                        | VLAN1          | Rack5-Switch1     | 192.168.2.253  | 255.255.255.128 | N/A             |
|                   |                                 |                               |                         |                 | Rack #6 Router                      | G0/0           | Rack6-Router1     | 192.168.3.126  | 255.255.255.128 | 192.168.0.126   |
| 0                 |                                 | 0                             | 0                       |                 | Rack #6 VLAN                        | VLAN1          | Rack6-Switch1     | 192.168.3.125  | 255.255.255.128 | N/A             |
| .ocation          | Subnet #                        | Subnet range                  | Subnet default gateway  | Subnet mask     | Rack #7 Router                      | G0/0           | Rack7-Router1     | 192.168.3.254  | 255.255.255.128 | 192.168.0.126   |
| erver Room        | 0                               | 192.168.0.1 - 192.168.0.126   | 192.168.0.126           | 255.255.255.128 | Rack #7 VLAN                        | VLAN1          | Rack7-Switch1     | 192.168.3.253  | 255.255.255.128 | N/A             |
| Rack #1           | 1                               | 192.168.0.129 - 192.168.0.254 | 192.168.0.254           | 255.255.255.128 |                                     |                |                   |                |                 |                 |
| Rack #2           | 2                               | 192.168.1.1 - 192.168.1.126   | 192.168.1.126           | 255.255.255.128 | Rack #8 Router                      | G0/0           | Rack8-Router1     | 192.168.4.126  | 255.255.255.128 | 192.168.0.126   |
| Rack #3           | 3                               | 192.168.1.129 - 192.168.1.254 | 192.168.1.254           | 255.255.255.128 | Rack #8 VLAN                        | VLAN1          | Rack8-Switch1     | 192.168.4.125  | 255.255.255.128 | N/A             |
| Rack #4           | 4                               | 192.168.2.1 - 192.168.2.126   | 192.168.2.126           | 255.255.255.128 |                                     |                |                   |                |                 |                 |
| Rack #5           | 5                               | 192.168.2.129 - 192.168.254   | 192.168.2.254           | 255.255.255.128 |                                     |                |                   |                |                 |                 |
| Rack #6           | 6                               | 192.168.3.1 - 192.168.3.126   | 192.168.3.126           | 255.255.255.128 |                                     |                |                   |                |                 |                 |
| Rack #7           | 7                               | 192.168.3.129 - 192.168.3.254 | 192.168.3.254           | 255.255.255.128 |                                     |                |                   |                |                 |                 |
| Rack #8           | 8                               | 192.168.4.1 - 192.168.4.126   | 192.168.4.126           | 255.255.255.128 |                                     |                |                   |                |                 |                 |