**Addressing Table**

|  |  |  |  |
| --- | --- | --- | --- |
| Device |  | Ip address = 192.168.1.0/24 | Default gateway |
| **Bellville campus / 27** | | | |
| End user 1 |  | 192.168.1.1 | 192.168.1.30 |
| End user 2 |  | 192.168.1.2 | 192.168.1.30 |
| End user 3 |  | 192.168.1.3 | 192.168.1.30 |
| Email |  | 192.168.1.6 | 192.168.1.30 |
| Web |  | 192.168.1.12 | 192.168.1.30 |
| Storage |  | 192.168.1.5 | 192.168.1.30 |
| Server room |  | 192.168.1.7 | 192.168.1.30 |
| Multilayer switch0 |  | 192.168.1.8-9,10,11,13 | 192.168.1.30 |
| Multilayer switch1 |  | 192.168.20 -21,22,23,24 | 192.168.1.30 |
| Multilayer switch2 |  | 192.168.1.14 – 15 | 192.168.1.30 |
| Multilayer switch3 |  | 192.168.1.17 – 18 | 192.168.1.30 |
| Multilayer switch4 |  | 192.168.1.19 - 27 | 192.168.1.30 |
| B ROUTER |  | 192.168.1.25,26 | 192.168.1.30 |
| B TO ISP ROUTER(A) **/30** |  | 192.168.1.129 - 130 | N/A |
| **Cape Town campus /27** | | | |
| Multilayer switch8 |  | 192.168.1.40 - 4 | 192.168.1.62 |
| Multilayer switch9 |  | 192.168.1.45 – 50 | 192.168.1.62 |
| Multilayer switch10 |  | 192.168.1.37,38 | 192.168.1.62 |
| Multilayer switch11 |  | 192.168.1.55,56 | 192.168.1.62 |
| Multilayer switch12 |  | 192.168.1.58,59 | 192.168.1.62 |
| PC3 |  | 192.168.1.33 | 192.168.1.62 |
| PC4 |  | 192.168.1.34 | 192.168.1.62 |
| PC5 |  | 192.168.1.35 | 192.168.1.62 |
| PC6 |  | 192.168.1.36 | 192.168.1.62 |
| C ROUTER |  | 192.168.1.60,61 | 192.168.1.62 |
| ISP TO C ROUTER(B) **/30** |  | 192.168.1.133 – 134 | N/A |
| ISP TO AGGROUTER(C) **/30** |  | 192.168.1.137 - 138 | N/A |
| **Mowbray campus /27** | | | |
| Multilayer switch13 |  | 192.168.1.70 - 74 | 192.168.1.94 |
| Multilayer switch14 |  | 192.168.1.75 - 79 | 192.168.1.94 |
| Multilayer switch15 |  | 192.168.1.80,81 | 192.168.1.94 |
| Multilayer switch16 |  | 192.168.1.85,86 | 192.168.1.94 |
| Multilayer switch17 |  | 192.168.1.82,83 | 192.168.1.94 |
| PC7 |  | 192.168.1.65 | 192.168.1.94 |
| PC8 |  | 192.168.1.66 | 192.168.1.94 |
| PC9 |  | 192.168.1.67 | 192.168.1.94 |
| PC10 |  | 192.168.1.68 | 192.168.1.94 |
| M ROUTER |  | 192.168.1.92,93 | 192.168.1.94 |
| M TO AGG ROUTER(D) **/30** |  | 192.168.1.141 - 142 | N/A |
|  | | | |
| **Wellington campus /27** | | | |
| Multilayer switch18 |  | 192.168.105 – 109 | 192.168.1.126 |
| Multilayer switch19 |  | 192.168.110 – 114 | 192.168.1.126 |
| Multilayer switch20 |  | 192.168.118,119 | 192.168.1.126 |
| Multilayer switch21 |  | 192.168.120,121 | 192.168.1.126 |
| Multilayer switch22 |  | 192.168.122,123 | 192.168.1.126 |
| PC11 |  | 192.168.1.97 | 192.168.1.126 |
| PC12 |  | 192.168.1.98 | 192.168.1.126 |
| PC13 |  | 192.168.1.99 | 192.168.1.126 |
| PC14 |  | 192.168.1.100 | 192.168.1.126 |
| W ROUTER |  | 192.168.1.124,125 | 192.168.1.126 |
| W TO AGG ROUTER(E) **/30** |  | 192.168.1.145 - 146 | N/A |