**Prefix:**

**IPv4: 10.0.0.0/8 IPv6:2001:db8:café::\48**

|  |  |  |
| --- | --- | --- |
| Domain | IPV4 | IPv6 |
| HMC.corp | 10.10.0.0/16 | 2001:db8:café:10::/64 |

|  |  |  |
| --- | --- | --- |
| Child Doman | Subnet: IPv4 | IPv6 |
| HC.HMC.corp | 10.20.0.0/16 | 2001db8:café:20::/64 |
| HMS.HMC.corp | 10.30.0.0/16 | 2001:db8:café:30::/64 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **HMC.corp(10.10.0.0/16)**   |  |  |  |  | | --- | --- | --- | --- | | Departments | VLAN | IPv4 Addresses | IPv6 Address | | Board of Directors | VLAN 11 | 10.10.11.0/24 | 2001:db8:café:10:11::/80 | | Executive Team | VLAN 12 | 10.10.12.0/24 | 2001:db8:café:10:12::/80 | | Accounting/Finance | VLAN 13 | 10.10.13.0/24 | 2001:db8:café:10:13::/80 | | Corporate Sales | VLAN 14 | 10.10.14.0/24 | 2001:db8:café:10:14::/80 | | Marketing/Communication | VLAN 15 | 10.10.15.0/24 | 2001:db8:café:10:15::/80 | | Human Resources | VLAN 16 | 10.10.16.0/24 | 2001:db8:café:10:16::/80 | | Business Operations | VLAN 17 | 10.10.17.0/24 | 2001:db8:café:10:17::/80 | | Legal | VLAN 18 | 10.10.18.0/24 | 2001:db8:café:10:18::/80 | | Client Services | VLAN 19 | 10.10.19.0/24 | 2001:db8:café:10:19::/80 | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **HC.HMC.corp(10.20.0.0/16)**   |  |  |  |  | | --- | --- | --- | --- | | Departments | VLAN | IPv4 Addresses | IPv6 Addresses | | Orthopedics | VLAN 21 | 10.20.21.0/24 | 2001:db8:café:20:21::/80 | | Nutrition & Dietetics | VLAN 22 | 10.20.22.0/24 | 2001:db8:café: 20:22::/80 | | Medical Records | VLAN 23 | 10.20.23.0/24 | 2001:db8:café: 20:23::/80 | | Telehealth | VLAN 24 | 10.20.24.0/24 | 2001:db8:café: 20:24::/80 | | Social Work | VLAN 25 | 10.20.25.0/24 | 2001:db8:café: 20:25::/80 | | General Services | VLAN 26 | 10.20.26.0/24 | 2001:db8:café: 20:26::/80 | | Patient Accounts | VLAN 27 | 10.20.27.0/24 | 2001:db8:café: 20:27::/80 | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **HMS.HMC.corp(10.30.0.0/16)**   |  |  |  |  | | --- | --- | --- | --- | | Departments | VLAN | IPv4 Addresses | IPv6 Address | | Warehousing | VLAN 31 | 10.30.31.0/24 | 2001:db8:café: 30:31::/80 | | Purchasing/ Prcourement | VLAN 32 | 10.30.32.0/24 | 2001:db8:café: 30:32::/80 | | Rental/ Leasing gent | VLAN 33 | 10.30.33.0/24 | 2001:db8:café: 30:33::/80 | | Warranty/ Claims | VLAN 34 | 10.30.34.0/24 | 2001:db8:café: 30:34/80 | | Maintenance | VLAN 35 | 10.30.35.0/24 | 2001:db8:café: 30:35::/80 | | Retail Services | VLAN 36 | 10.30.36.0/24 | 2001:db8:café: 30:36::/80 | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Other Departments**   |  |  |  |  | | --- | --- | --- | --- | | Departments | VLAN | IP Addresses | IPv6 Address | | Management | VLAN 100 | 10.100.0.0/16 | 2001:db8:café: 100::/64 | | Wireless Network | VLAN 40 | 10.40.0.0/16 | 2001:db8:café: 40::/64 | | Printers | VLAN 50 | 10.50.0.0/16 | 2001:db8:café: 50::/64 | | IOT Devices | VLAN 60 | 10.60.0.0/16 | 2001:db8:café: 60::/64 | | Board Rooms | VLAN 70 | 10.70.0.0/16 | 2001:db8:café: 70::/64 | | Others | VLAN 80 | 10.80.0.0/16 | 2001:db8:café: 80::/64 | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **VLAN 150: Management Network**   |  |  |  |  | | --- | --- | --- | --- | | Machines | IP Address | IPv6 Address | Roles | | HyperV01 | 10.100.150.5/24 | 2001:db8:café: 100:150::5 | Hyper-V | | HyperV02 | 10.100.150.6/24 | 2001:db8:café: 100:150::6 | Hyper-V | | DC01 | 10.100.150.50/24 | 2001:db8:café: 100:150::50 | AD,DNS | | DC02 | 10.100.150.51/24 | 2001:db8:café: 100:150::51 | AD,DNS | | FS01 | 10.100.110.53/24 | 2001:db8:café: 100:150::53 | File Server | | RDS01 | 10.100.110.54/24 | 2001:db8:café: 100:150::54 | Application and Session-based Server | | CS01 | 10.100.150.52/24 | 2001:db8:café: 100:150::52 | Certificate Server | | PS01 | 10.100.150.55/24 | 2001:db8:café: 100:150::55 | Print Server | | DBS01 | 10.100.150.56/24 | 2001:db8:café: 100:150::56 | SQL | | BS01 | 10.100.150.57/24 | 2001:db8:café: 100:150::57 | Acronis | | MS01 | 10.100.150.58/24 | 2001:db8:café: 100:150::58 | Monitoring Server | | DS01 | 10.100.150.60/24 | 2001:db8:café: 100:150::60 | Docker | | PPS01 | 10.100.150.25/24 | 2001:db8:café: 100:150::25 | Proofpoint Server | |  |  |  |  | |

**VLAN 120: Storage**

|  |  |  |
| --- | --- | --- |
| Departments | IP Address | IPv6 Address |
| HyperV01 | 10.100.120.5/24 | 2001:db8:café: 100:120::5 |
| HyperV02 | 10.100.120.6/24 | 2001:db8:café: 100:120::6 |

**VLAN 130: HeartBeat**

|  |  |  |
| --- | --- | --- |
| Departments | IP Address | IPv6 Address |
| HyperV01 | 10.100.130.5/24 | 2001:db8:café: 100:130::5 |
| HyperV02 | 10.100.130.6/24 | 2001:db8:café: 100:130::6 |