Best Vehicle R Us

|  |  |  |  |
| --- | --- | --- | --- |
| VLAN NAME | NO. of Hosts | Percentage growth (30) | Server Farm Alloc |
| Leaseing | 125 | 163 | 165 |
| Marketing | 180 | 234 | 236 |
| Businesss | 200 | 260 | 262 |
| Security | 5 | 7 | 9 |
| Technical Support | 5 | 7 | 9 |
| Vehicle support | 5 | 7 | 9 |
| Sales | 0 | N/A | 2 |
| Print-copy | 2 | 4 | N/A |
| Management | 3 | N/A | N/A |

Potential Growth 5+years  
  
Nakuru

Switch – Farm  
Switch – Dist  
Router - gateway

Kinamba

|  |  |  |
| --- | --- | --- |
| Vlan Name | No. of hosts | Percentage Growth |
| Leasing | 80 | 104 |
| Security | 5 | 7 |
| Technical Support | 5 | 7 |
| Vehicle support | 5 | 7 |
| Print-copy | 2 | 4 |
| Management | 2 | N/A |

Switch – Dist  
Router - gateway

Nyeri: Wireless Deployment site

|  |  |  |
| --- | --- | --- |
| VLAN Name | No. of hosts | Percentage Growth |
| Sales | 125 | 163 |
| Security | 5 | 7 |
| Technical Support | 5 | 7 |
| Vehicle support | 5 | 7 |
| Print-copy | 2 | 4 |
| Management | 4 | N/A |

Switch – Dist  
Router – gateway  
Wireless Router  
Access point

Chuka- STP Redundancy

|  |  |  |
| --- | --- | --- |
| VLAN name | No. of hosts | Percentage Growth |
| Sales | 125 | 163 |
| Security | 5 | 7 |
| Technical Support | 5 | 7 |
| Vehicle support | 5 | 7 |
| Print-copy | 2 | 4 |
| Management | 4 | N/A |

Switch – Dist  
Router – gateway  
Switch – access  
Switch - access

Frame Relay

|  |  |
| --- | --- |
| Site | No.of Hosts (8 total 2 each site) |
| Chuka | 2 |
| Nyeri | 2 |
| Kinamba | 2 |
| Nakuru | 2 |

Class A internal: 68.32.0.0/19

Class B Nat pool: 148.2.0.0/21

Class C: ISP connection: 207.3.2.0/30

Class B ISP WEB server: 148:17.3.0/30

Management VLAN: 33

Percentage Growth: 30

|  |  |
| --- | --- |
| Subnet | Number |
| Leasing | 10 |
| Marketing | 20 |
| Business | 30 |
| Sales | 40 |
| Security | 50 |
| Technical Support | 60 |
| Vehicle Support | 70 |
| Management | 33 |

VLSM