План IP адресации V4 (вариант 20, аудитория 384)

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|  | Подсеть | Диапазон | Хосты |
| Филиал 1 |  |  |  |
| VLAN21 | 7.20.84.0/29(MASK) | 7.20.84.0-7.20.84.7 | Хост B 7.20.84.2 Хост D 7.20.84.3  interface VLAN21 7.20.84.1 |
| VLAN22 | 7.20.84.8/29 (MASK) | 7.20.84.8-7.20.84.15 | Хост C 7.20.84.10 Хост E 7.20.84.11  interface VLAN22 7.20.84.9 |
| VLAN23 | 7.20.84.16/29 (MASK) | 7.20.84.16-7.20.84.23 | Хост F 7.20.84.18  interface VLAN23 7.20.84.17 |
| R1 | 7.20.84.48/30 (MASK)  7.20.84.52/30 (MASK) | 7.20.84.48-7.20.84.51  7.20.84.52-7.20.84.55 | interface Fa0/0.1 7.20.84.1 (VLAN21)  interface Fa0/0.2 7.20.84.9 (VLAN22)  interface Fa0/0.3 7.20.84.17 (VLAN23)  interface Se0/0/0 7.20.84.49 (R0)  interface Se0/0/1 7.20.84.53 (R2) |
| Филиал 2 |  |  |  |
| R2 | 7.20.84.24/29(MASK)  7.20.84.56/30 (MASK)  7.20.84.60/30 (MASK)  7.20.84.52/30 (MASK) | 7.20.84.24-7.20.84.31  7.20.84.56-7.20.84.59  7.20.84.60-7.20.84.63  7.20.84.52-7.20.84.55 | Хост G 7.20.84.26  interface Fa0/0 7.20.84.25 (Host G)  interface Se0/0/0 7.20.84.57 (R0)  interface Se0/3/0 7.20.84.61 (R3)  interface Se0/0/1 7.20.84.54 (R1) |
| R3 | 7.20.84.32/29 (MASK)  7.20.84.60/30> (MASK) | 7.20.84.32-7.20.84.39  7.20.84.60-7.20.84.63 | Хост K 7.20.84.34  interface Fa0/0 7.20.84.33 (Host K)  interface Se0/0/0 7.20.84.62 (R2) |
| Центральный офис |  |  |  |
| R0 | 7.20.84.40/29 (MASK)  7.20.84.48/30 (MASK)  7.20.84.56/30 (MASK) | 7.20.84.40-7.20.84.47  7.20.84.48-7.20.84.51  7.20.84.56-7.20.84.59 | Хост A 7.20.84.42  interface Fa0/0 7.20.84.41 (Host A)  interface Se0/0/0 7.20.84.50 (R1)  interface Se0/2/1 7.20.84.58 (R2) |