План IP адресации V4

|  |  |  |  |
| --- | --- | --- | --- |
|  | Подсеть | Диапазон | Хосты |
| Филиал 1 |  |  |  |
| VLAN1 | <network\_ip>/<prefix mask> (MASK) | <ip>-<ip> | Хост B <ip> Хост D <ip>  interface VLAN1 <ip> |
| VLAN2 | <network\_ip>/<prefix mask> (MASK) | <ip>-<ip> | Хост C <ip> Хост E <ip>  interface VLAN2 <ip> |
| VLAN3 | <network\_ip>/<prefix mask> (MASK) | <ip>-<ip> | Хост F <ip>  interface VLAN3 <ip> |
| R1 | <network\_ip>/<prefix mask> (MASK)  <network\_ip>/<prefix mask> (MASK) | <ip>-<ip>  <ip>-<ip> | interface Fa0/0.1 <ip> (VLAN1)  interface Fa0/0.2 <ip> (VLAN2)  interface Fa0/0.3 <ip> (VLAN3)  interface Se0/0/0 <ip> (R0)  interface Se0/0/1 <ip> (R2) |
| Филиал 2 |  |  |  |
| R2 | <network\_ip>/<prefix mask> (MASK)  <network\_ip>/<prefix mask> (MASK)  <network\_ip>/<prefix mask> (MASK)  <network\_ip>/<prefix mask> (MASK) | <ip>-<ip>  <ip>-<ip>  <ip>-<ip>  <ip>-<ip> | Хост G <ip>  interface Fa0/0 <ip> (Host G)  interface Se0/0/0 <ip> (R0)  interface Se0/0/1 <ip> (R1)  interface Se0/3/0 <ip> (R3) |
| R3 | <network\_ip>/<prefix mask> (MASK)  <network\_ip>/<prefix mask> (MASK) | <ip>-<ip>  <ip>-<ip> | Хост K <ip>  interface Fa0/0 <ip> (Host K)  interface Se0/0/0 <ip> (R2) |
| Центральный офис |  |  |  |
| R0 | <network\_ip>/<prefix mask> (MASK)  <network\_ip>/<prefix mask> (MASK)  <network\_ip>/<prefix mask> (MASK)  <network\_ip>/<prefix mask> (MASK) | <ip>-<ip>  <ip>-<ip>  <ip>-<ip>  <ip>-<ip> | Хост A <ip>  interface Fa0/0 <ip> (Host A)  interface Fa0/1 <ip> (HSRP)  interface Se0/0/0 <ip> (R1)  interface Se0/2/1 <ip> (R2) |
| Сеть “Интернет” |  |  |  |
| R4 | <network\_ip>/<prefix mask> (MASK)  <network\_ip>/<prefix mask> (MASK) | <ip>-<ip>  <ip>-<ip> | Хост H <ip>  HSRP <ip>  interface Fa0/0 <ip> (R0)  interface Fa0/1 <ip> (Host H) |
| R5 | <network\_ip>/<prefix mask> (MASK)  <network\_ip>/<prefix mask> (MASK) | <ip>-<ip>  <ip>-<ip> | Хост H <ip>  HSRP <ip>  interface Fa0/0 <ip> (R0)  interface Fa0/1 <ip> (Host H) |