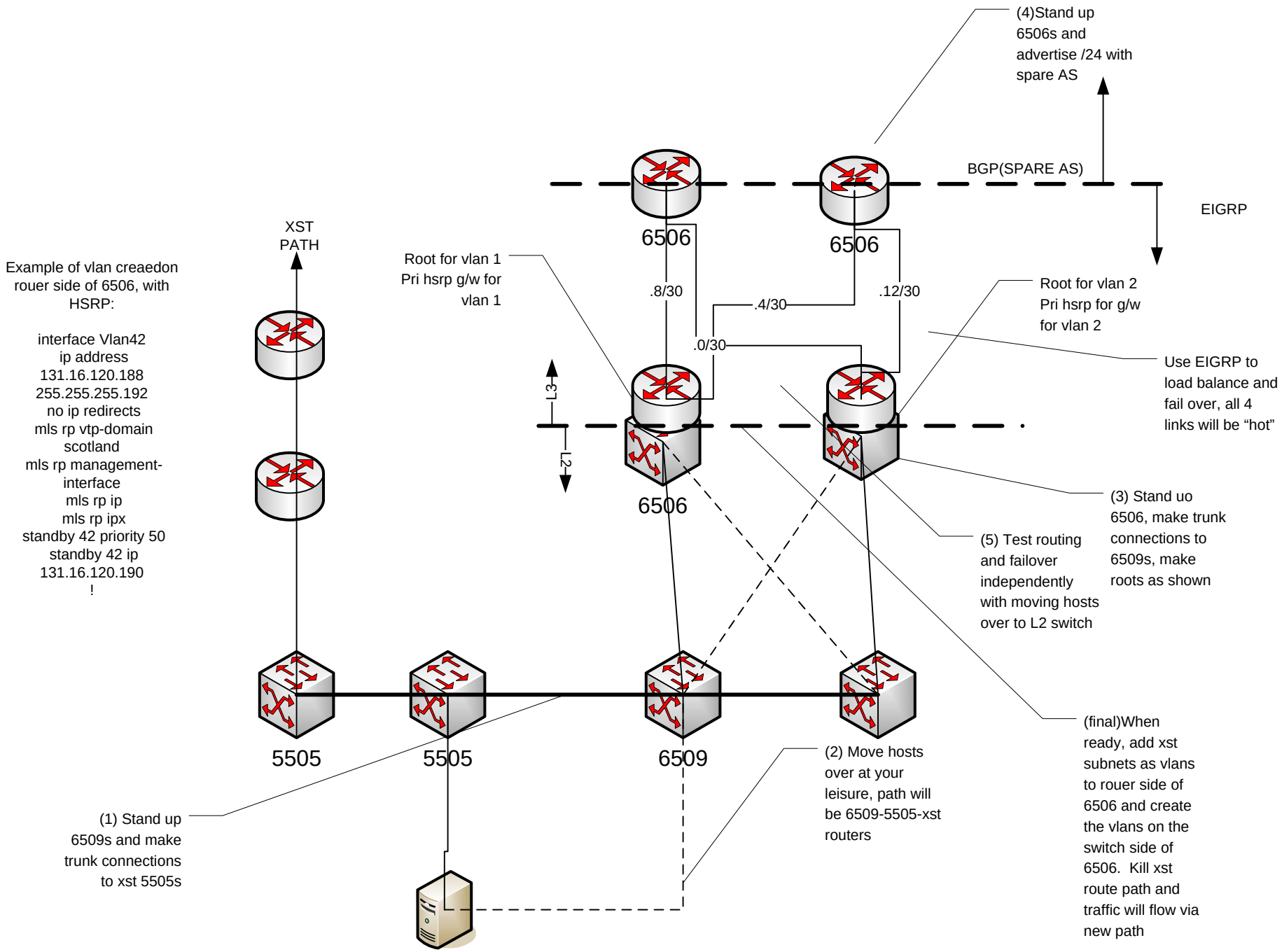
(4)Stand up 6506s and advertise /24 with spare AS
BGP(SPARE AS)
EIGRP
6506
6506
XST PATH
Root for vlan 1 Pri hsrp g/w for vlan 1
.8/30
.4/30
.12/30
.0/30
Root for vlan 2 Pri hsrp for g/w for vlan 2
Use EIGRP to load balance and fail over, all 4 links will be “hot”
L3
L2
6506
(3) Stand uo 6506, make trunk connections to 6509s, make roots as shown
(5) Test routing and failover independently with moving hosts over to L2 switch
Example of vlan creaedon rouer side of 6506, with HSRP:
interface Vlan42
ip address
131.16.120.188
255.255.255.192
no ip redirects
mls rp vtp-domain
scotland
mls rp management-
interface
mls rp ip
mls rp ipx
standby 42 priority 50
standby 42 ip
131.16.120.190
!
(final)When ready, add xst subnets as vlans to rouer side of 6506 and create the vlans on the switch side of 6506. Kill xst route path and traffic will flow via new path
5505
5505
6509
(2) Move hosts over at your leisure, path will be 6509-5505-xst routers
(1) Stand up 6509s and make trunk connections to xst 5505s