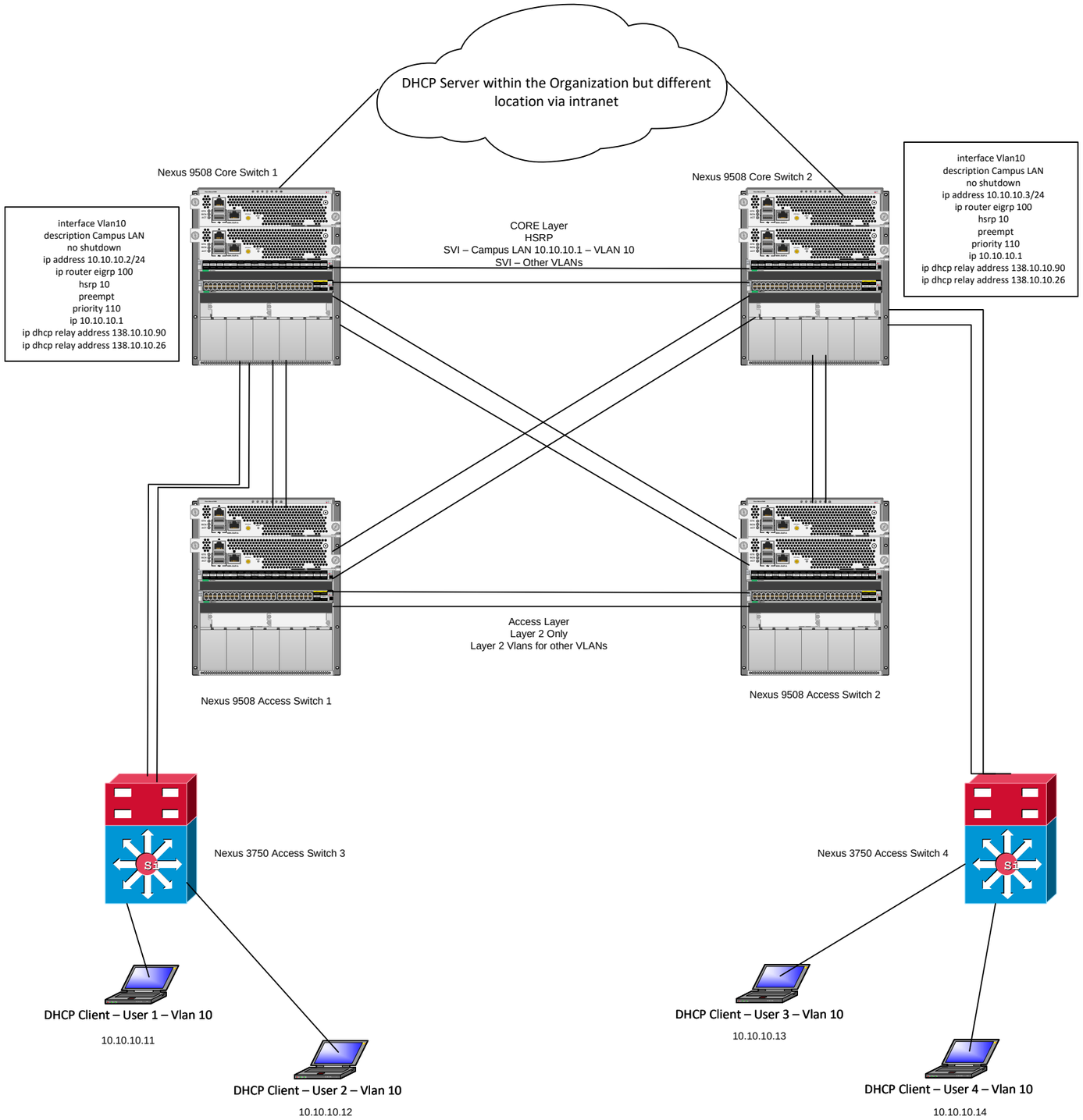
DHCP Server within the Organization but different location via intranet
Nexus 9508 Core Switch 1
Nexus 9508 Core Switch 2
interface Vlan10
description Campus LAN
no shutdown
ip address 10.10.10.2/24
ip router eigrp 100
hsrp 10
preempt
priority 110
ip 10.10.10.1
ip dhcp relay address 138.10.10.90
ip dhcp relay address 138.10.10.26
CORE Layer
HSRP
SVI – Campus LAN 10.10.10.1 – VLAN 10
SVI – Other VLANs
interface Vlan10
description Campus LAN
no shutdown
ip address 10.10.10.3/24
ip router eigrp 100
hsrp 10
preempt
priority 110
ip 10.10.10.1
ip dhcp relay address 138.10.10.90
ip dhcp relay address 138.10.10.26
Access Layer
Layer 2 Only
Layer 2 Vlans for other VLANs
Nexus 9508 Access Switch 1
Nexus 9508 Access Switch 2
Nexus 3750 Access Switch 3
Nexus 3750 Access Switch 4
DHCP Client – User 1 – Vlan 10
10.10.10.11
DHCP Client – User 2 – Vlan 10
10.10.10.12
DHCP Client – User 3 – Vlan 10
10.10.10.13
DHCP Client – User 4 – Vlan 10
10.10.10.14