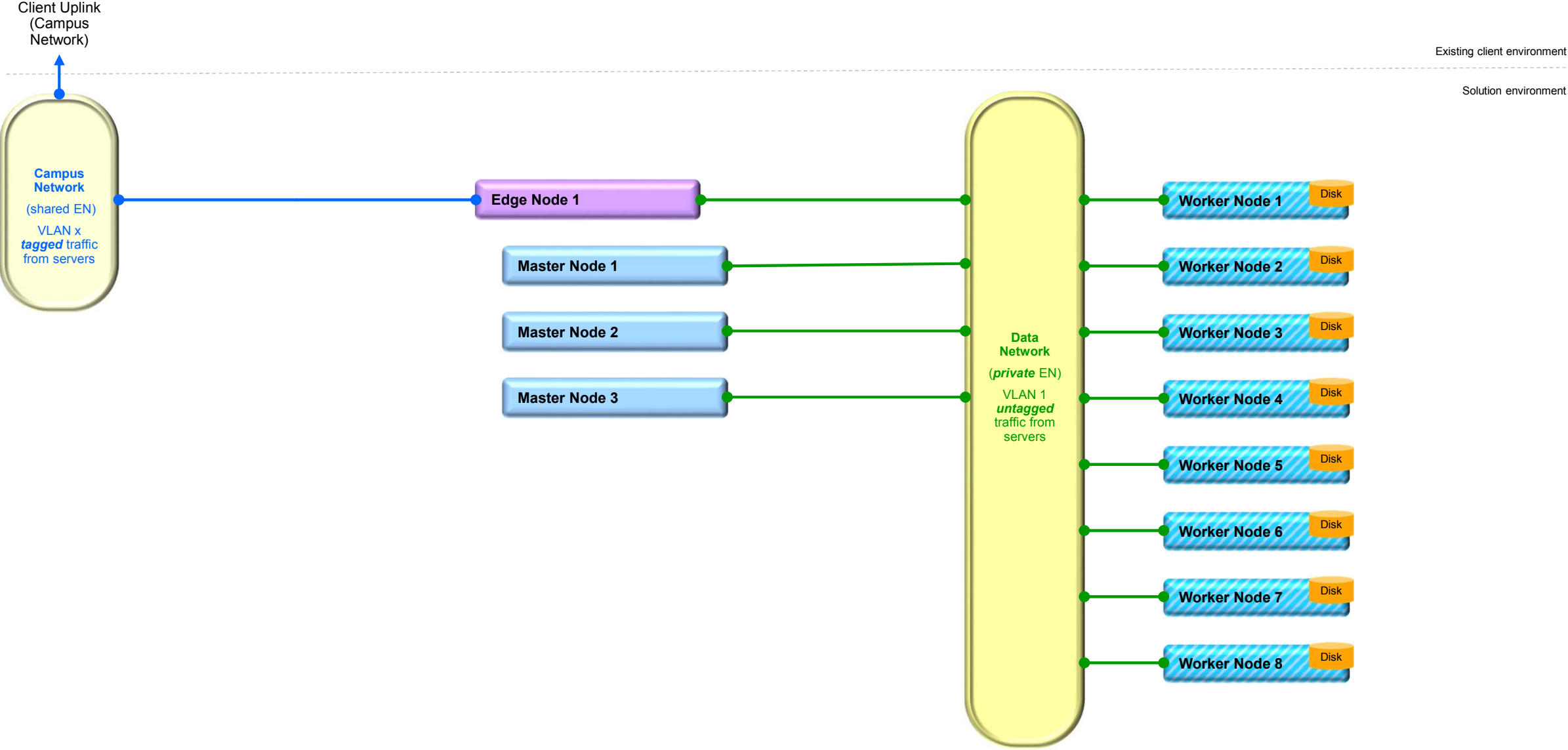
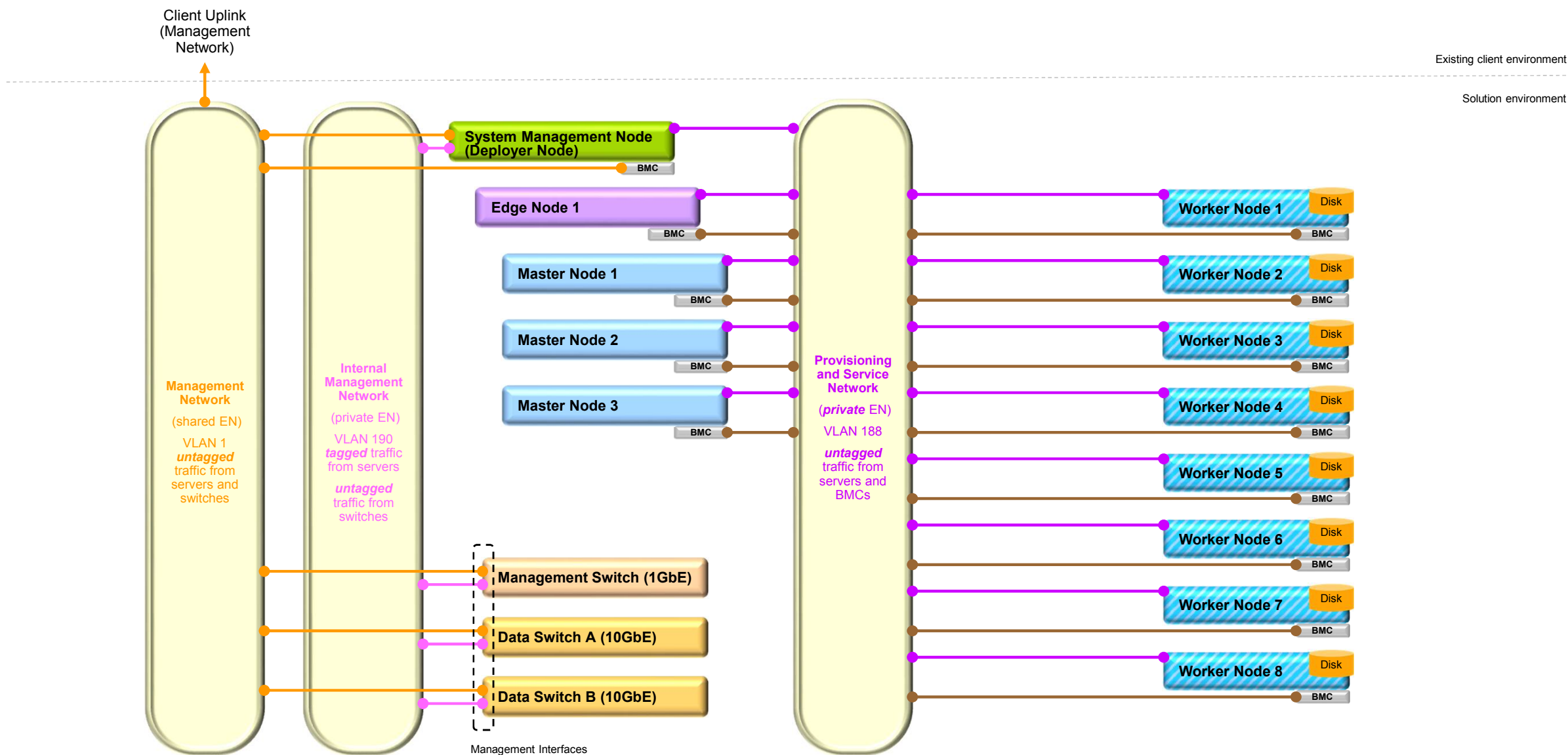


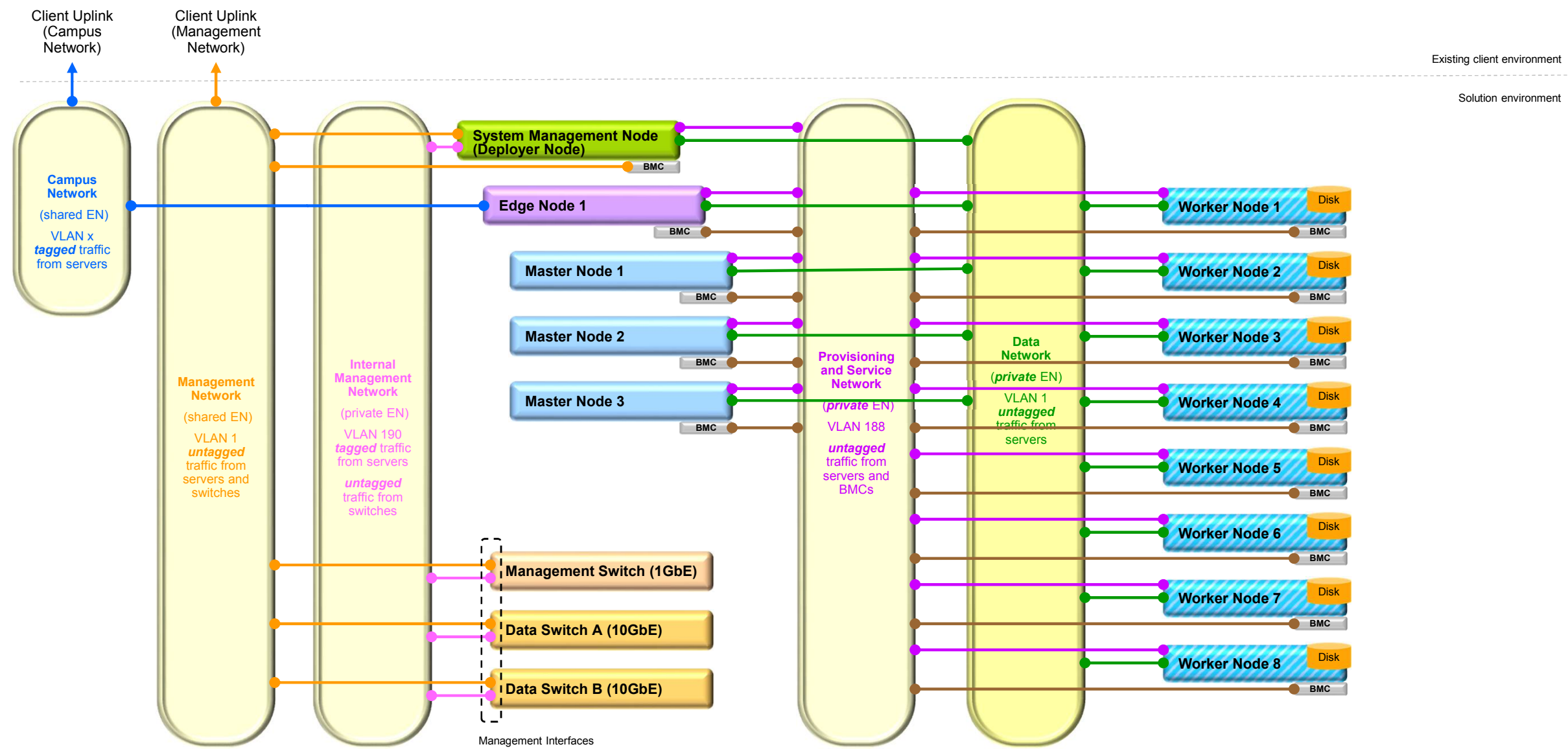
# High Level Network Architecture Diagram – Application Level View



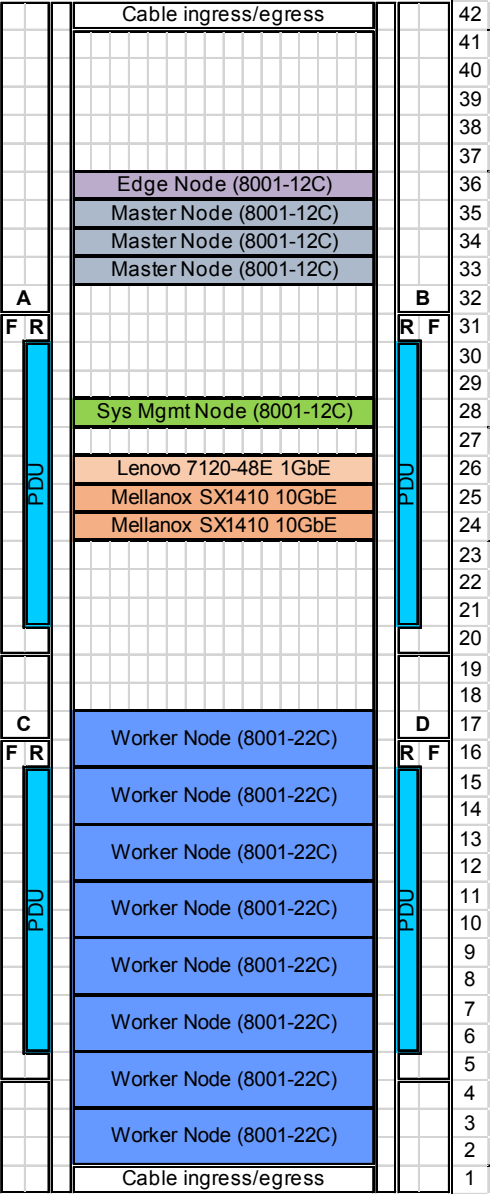
# High Level Network Architecture Diagram – Infrastructure Level View



# High Level Network Architecture Diagram – All Networks View



# Racking / Minimum Production Configuration



**System Management Node:**  
QTY: 1

Power 821LC (Stratton) 8001-12C  
1x POWER8 CPUs, 8 Cores  
32GB Memory  
2x 4TB HDDs  
1x 2-port SPF+ Ethernet Adapter

**Network:**

1x Lenovo G8052 (7120-48E), 1GbE  
2x Mellanox SX1410 (8831-S48), 10GbE

**Rack:**  
QTY: 1

42U 7965-94Y + PDUs

**Master Node:**  
QTY: 3

Power 821LC (Stratton) 8001-12C  
2x POWER8 CPUs, 20 Cores  
256GB Memory  
4x 4TB HDDs  
1x 2-port SPF+ Ethernet Adapter

**Edge Node:**  
QTY: 1

Power 821LC (Stratton) 8001-12C  
2x POWER8 CPUs, 20 Cores  
256GB Memory  
4x 4TB HDDs  
2x 2-port SPF+ Ethernet Adapter

**Worker Node:**  
QTY: 8

Power 822LC (Briggs) 8001-22C  
2x POWER8 CPUs, 22 Cores  
256GB Memory  
12x 4TB HDDs  
1x 2-port SPF+ Ethernet Adapter