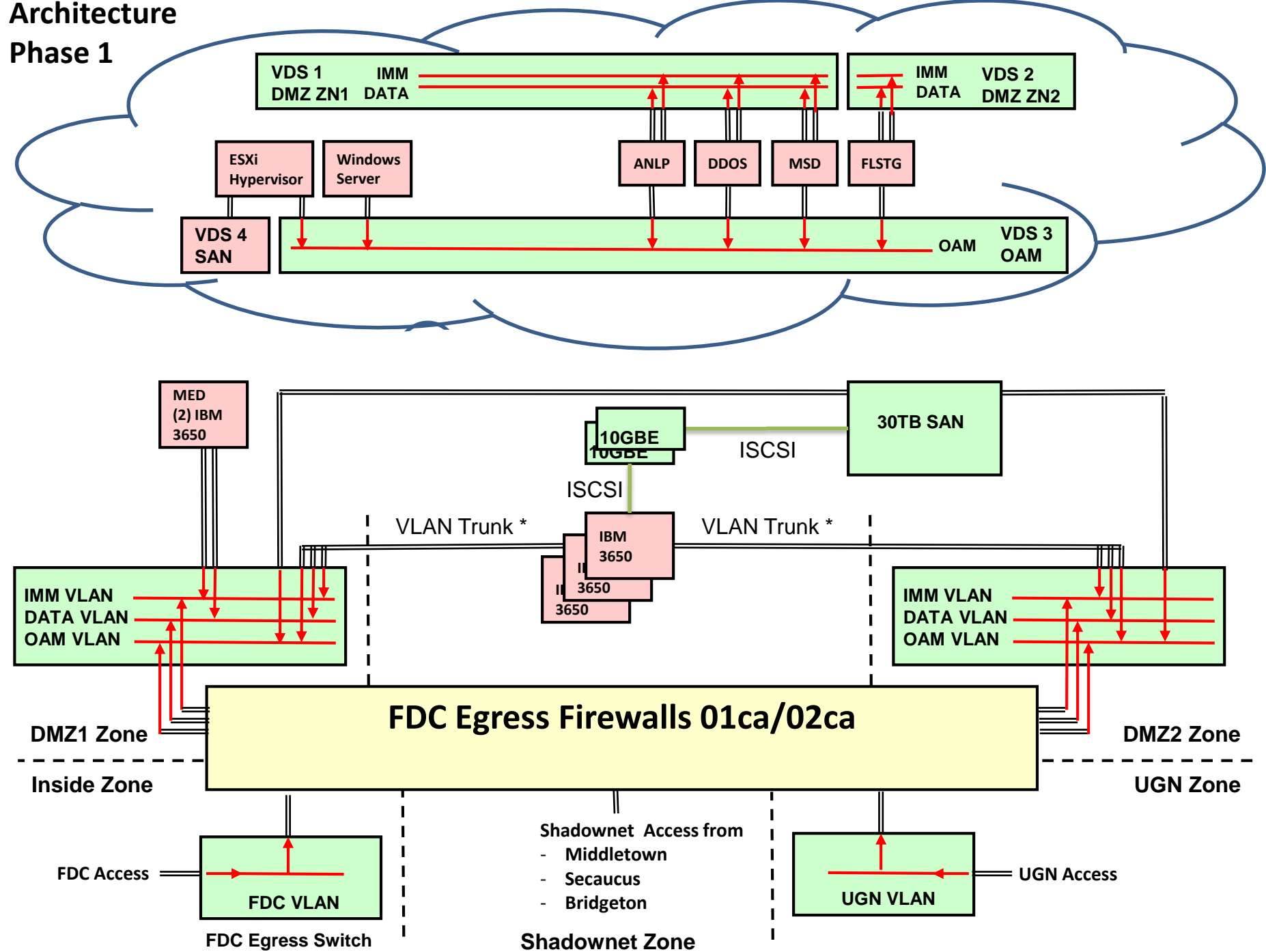


DMZ Virtualization Phase 1

- Hardware/Licensing Requirements:
 - REPURPOSE: 2 IBM Utility Servers and Arrow Server to Virtual Network
 - NEED: 2-port 10GBE Interface Cards to each server
 - NEED: 2-16 Port GBE Switches
 - NEED: 30TB SAN
 - NEED: VMWare Licensing for each CPU Socket on IBM Servers
- Connectivity/Security
 - SAN and Servers are connected via 10GBE switch with ISCSI interfaces. The SAN will sit on a private network with no connectivity to the Virtual Machines hosting applications
 - Use existing FW and switches with virtual vSphere® Distributed Switch (VDS) to conform to existing DMZ zoning and security requirements
- Migrate ANLP, DDOS, MSD and FLSTG to the Virtual Environment
- Verify applications and run testing to verify Virtual Environment, e.g., HW failures, cable pulls

Architecture

Phase 1



DMZ Virtualization Phase 2

- Migrate the 4 Servers formerly hosting (ANLP, DDOS, MSD and FLSTG) to the Virtual Environment
- Migrate SECAUCS (Datacache, Application, Web) Server to the DMZ Virtual Environment. IGW is optional and can be moved later if security/connectivity requirements can be satisfied in the DMZ
- Migrate Collaboration Portal to the DMZ Virtual Environment

Architecture

Phase 2

