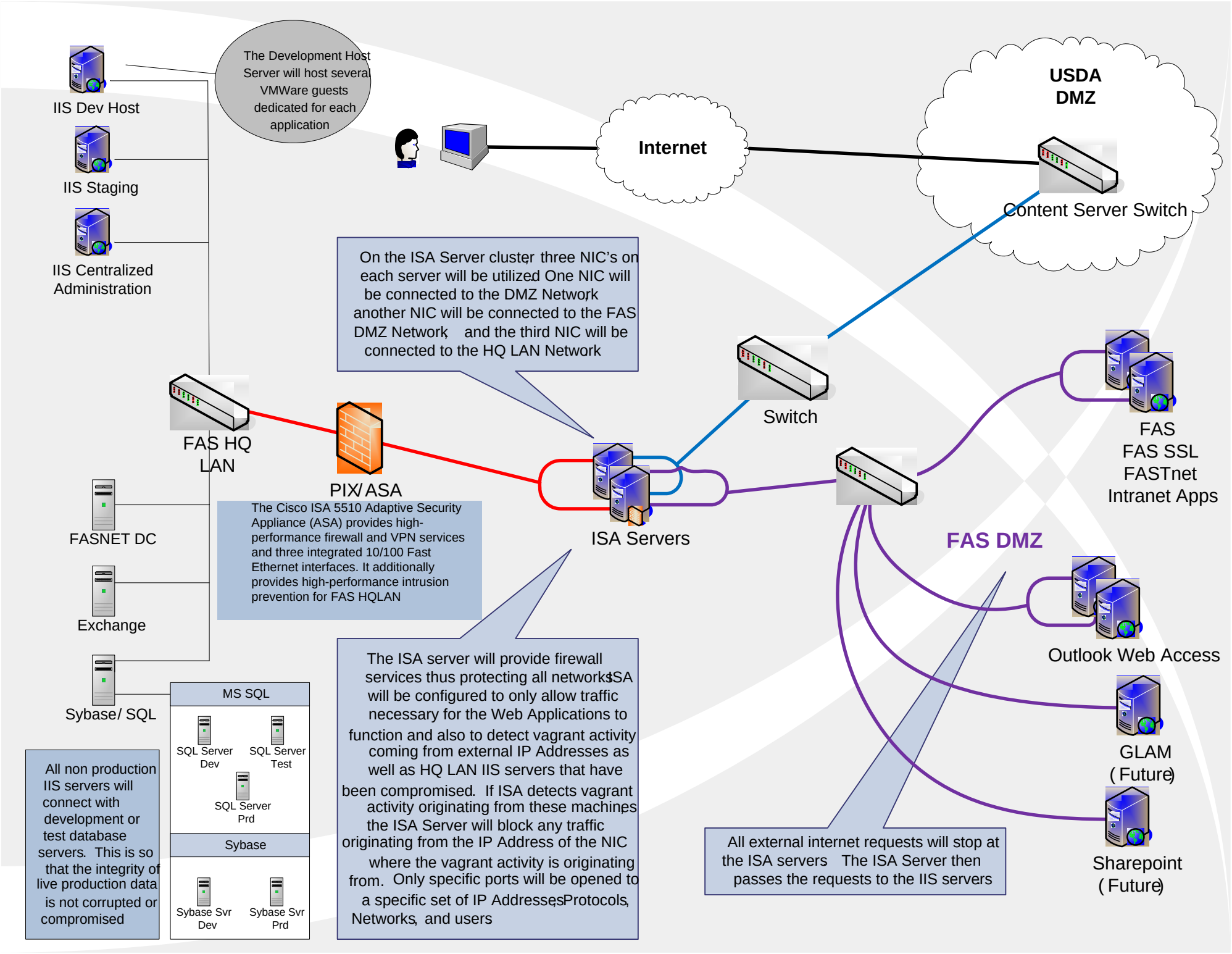
IIS Dev Host
IIS Staging
IIS Centralized Administration
The Development Host Server will host several VMWare guests dedicated for each application
Internet
USDA DMZ
Content Server Switch
On the ISA Server cluster, three NIC's on each server will be utilized. One NIC will be connected to the DMZ Network, another NIC will be connected to the FAS DMZ Network, and the third NIC will be connected to the HQ LAN Network
Switch
FAS HQ LAN
PIX/ ASA
The Cisco ISA 5510 Adaptive Security Appliance (ASA) provides high-performance firewall and VPN services and three integrated 10/100 Fast Ethernet interfaces. It additionally provides high-performance intrusion prevention for FAS HQLAN
ISA Servers
FAS
FAS SSL
FASTnet
Intranet Apps
FAS DMZ
FASNET DC
Exchange
Sybase/ SQL
MS SQL
SQL Server Dev
SQL Server Test
SQL Server Prd
Sybase
Sybase Svr Dev
Sybase Svr Prd
All non production IIS servers will connect with development or test database servers. This is so that the integrity of live production data is not corrupted or compromised
The ISA server will provide firewall services thus protecting all networks. ISA will be configured to only allow traffic necessary for the Web Applications to function and also to detect vagrant activity coming from external IP Addresses as well as HQ LAN IIS servers that have been compromised. If ISA detects vagrant activity originating from these machines, the ISA Server will block any traffic originating from the IP Address of the NIC where the vagrant activity is originating from. Only specific ports will be opened to a specific set of IP Addresses, Protocols, Networks, and users
All external internet requests will stop at the ISA servers. The ISA Server then passes the requests to the IIS servers
Outlook Web Access
GLAM
(Future)
Sharepoint
(Future)