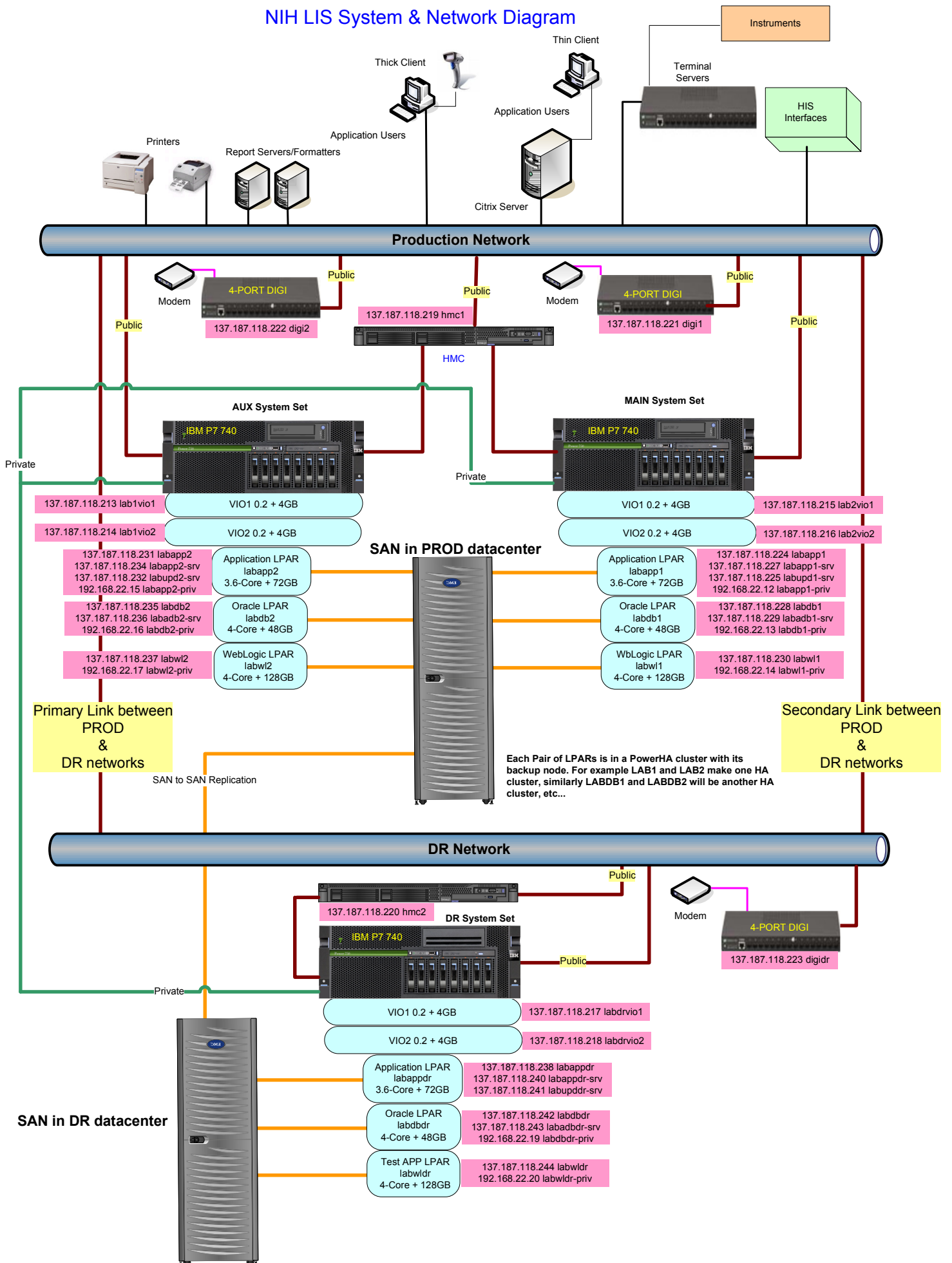
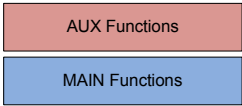
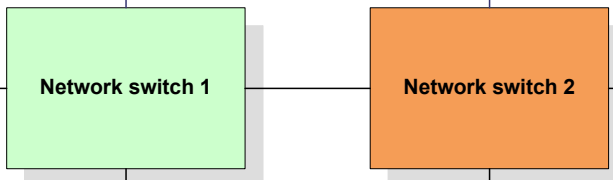


NIH LIS System & Network Diagram





NIH
Default Standard configuration
PowerHA Clusters



Server-2

Server-1

APP2
137.187.118.231 labapp2
137.187.118.234 labapp2-srv
137.187.118.232 labupd2-srv
192.168.22.15 labapp2-priv

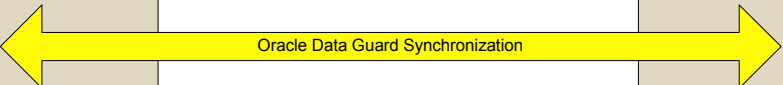
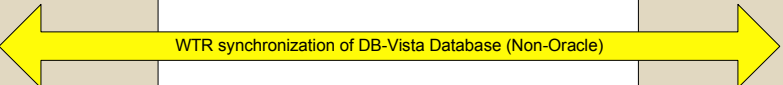
DB2
137.187.118.235 labdb2
137.187.118.236 labadb2-srv
192.168.22.16 labdb2-priv

WL2
137.187.118.237 labwl2
192.168.22.17 labwl2-priv

APP1
137.187.118.224 labapp1
137.187.118.227 labapp1-srv
137.187.118.225 labupd1-srv
192.168.22.12 labapp1-priv

DB1
137.187.118.228 labdb1
137.187.118.229 labadb1-srv
192.168.22.13 labdb1-priv

WL1
137.187.118.230 labwl1
192.168.22.14 labwl1-priv

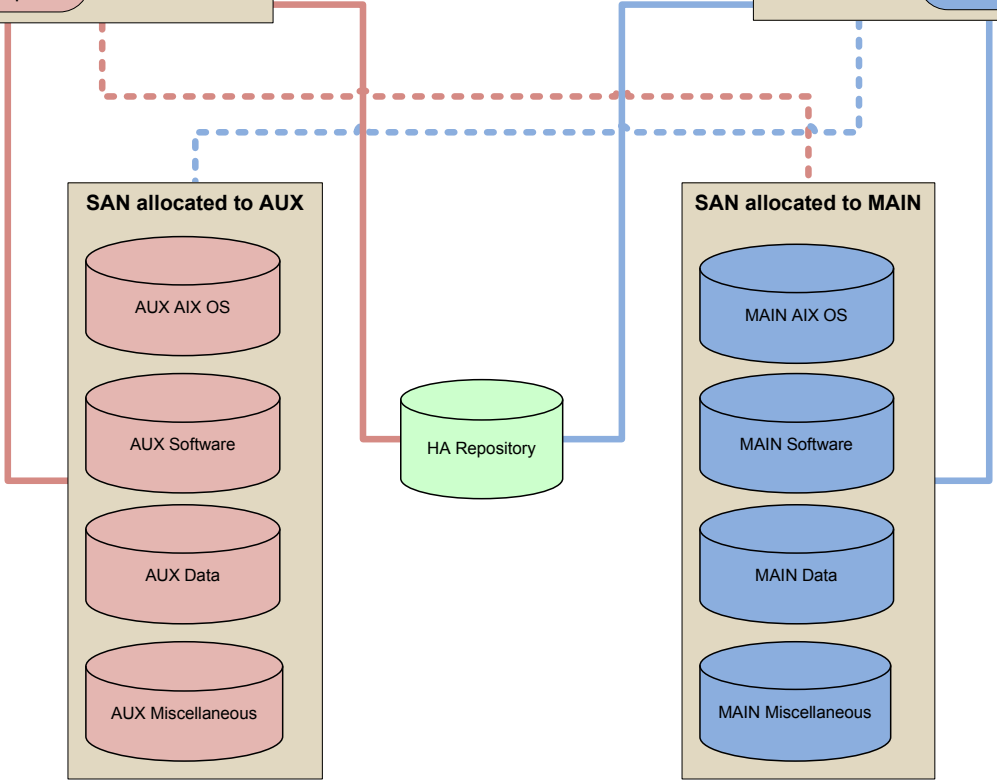
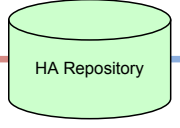


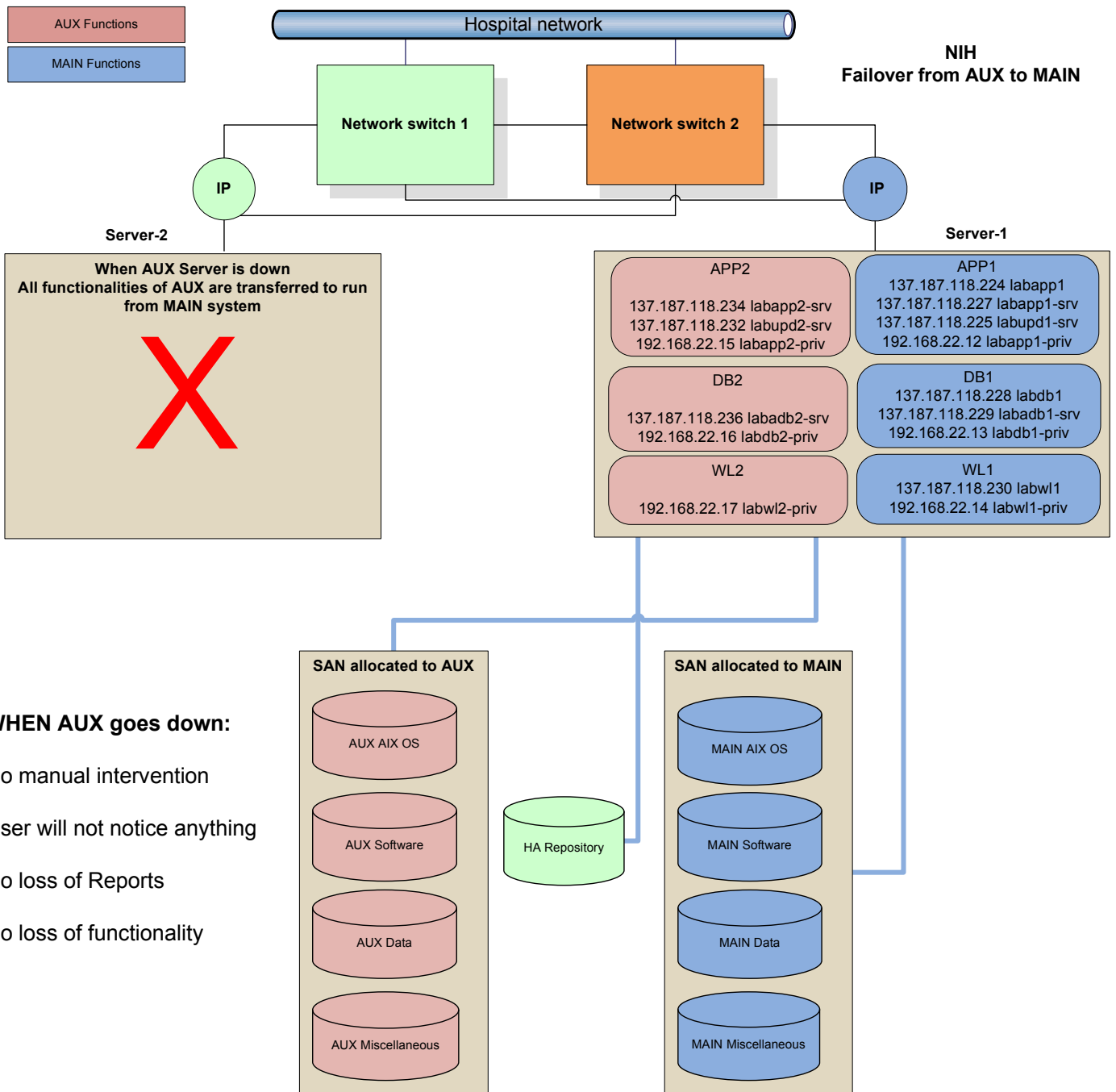
SAN allocated to AUX

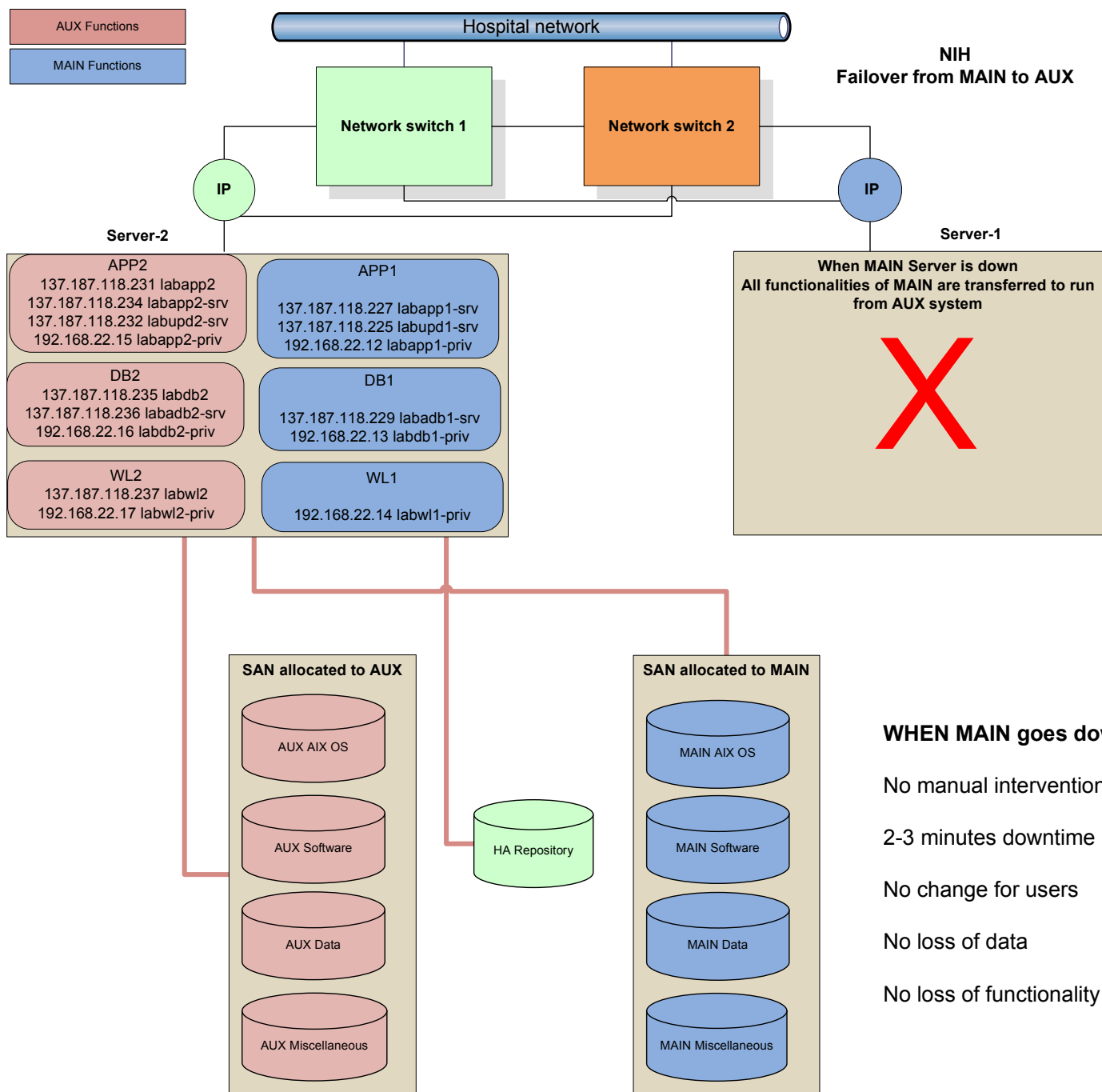
AUX AIX OS
AUX Software
AUX Data
AUX Miscellaneous

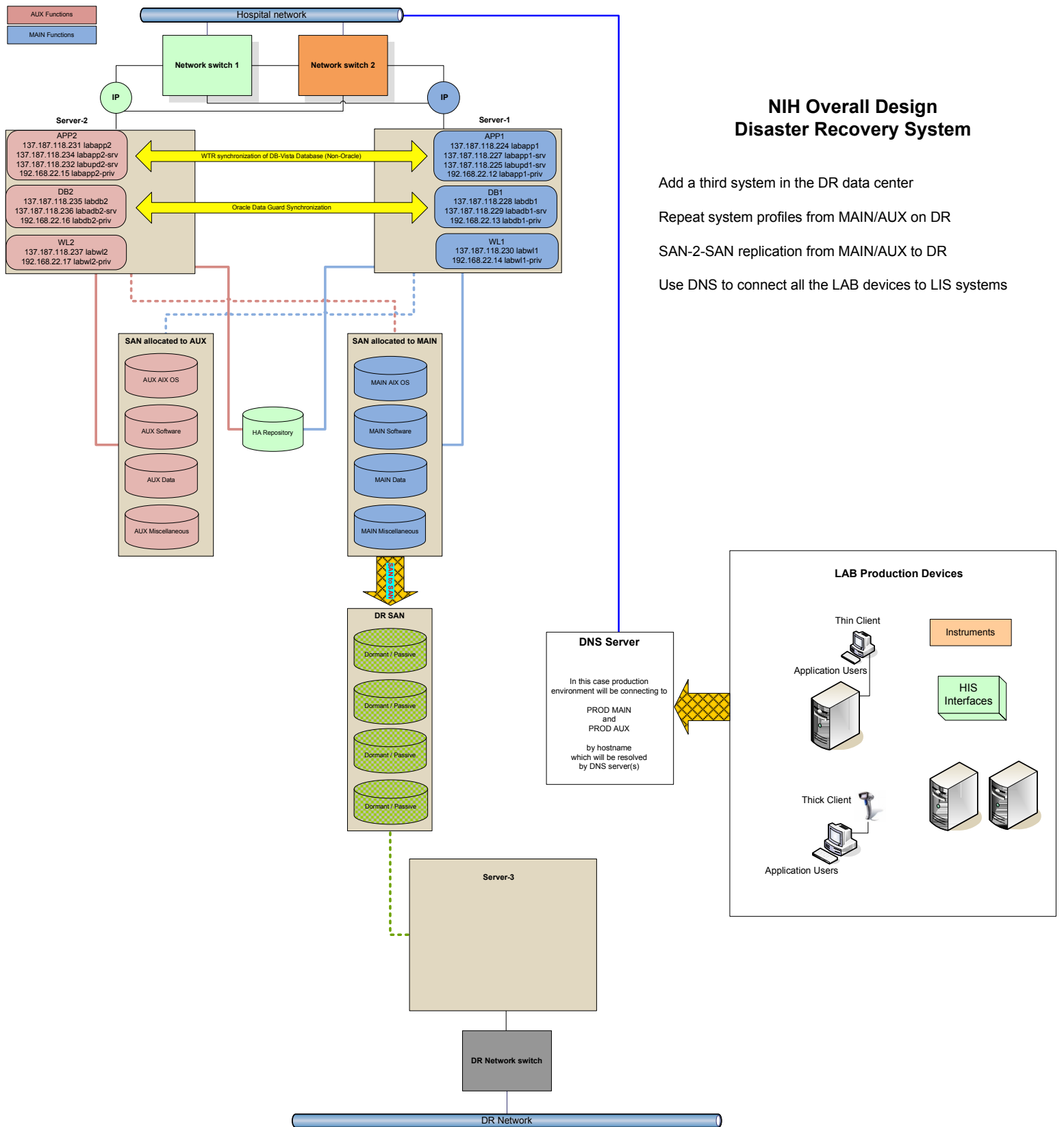
SAN allocated to MAIN

MAIN AIX OS
MAIN Software
MAIN Data
MAIN Miscellaneous









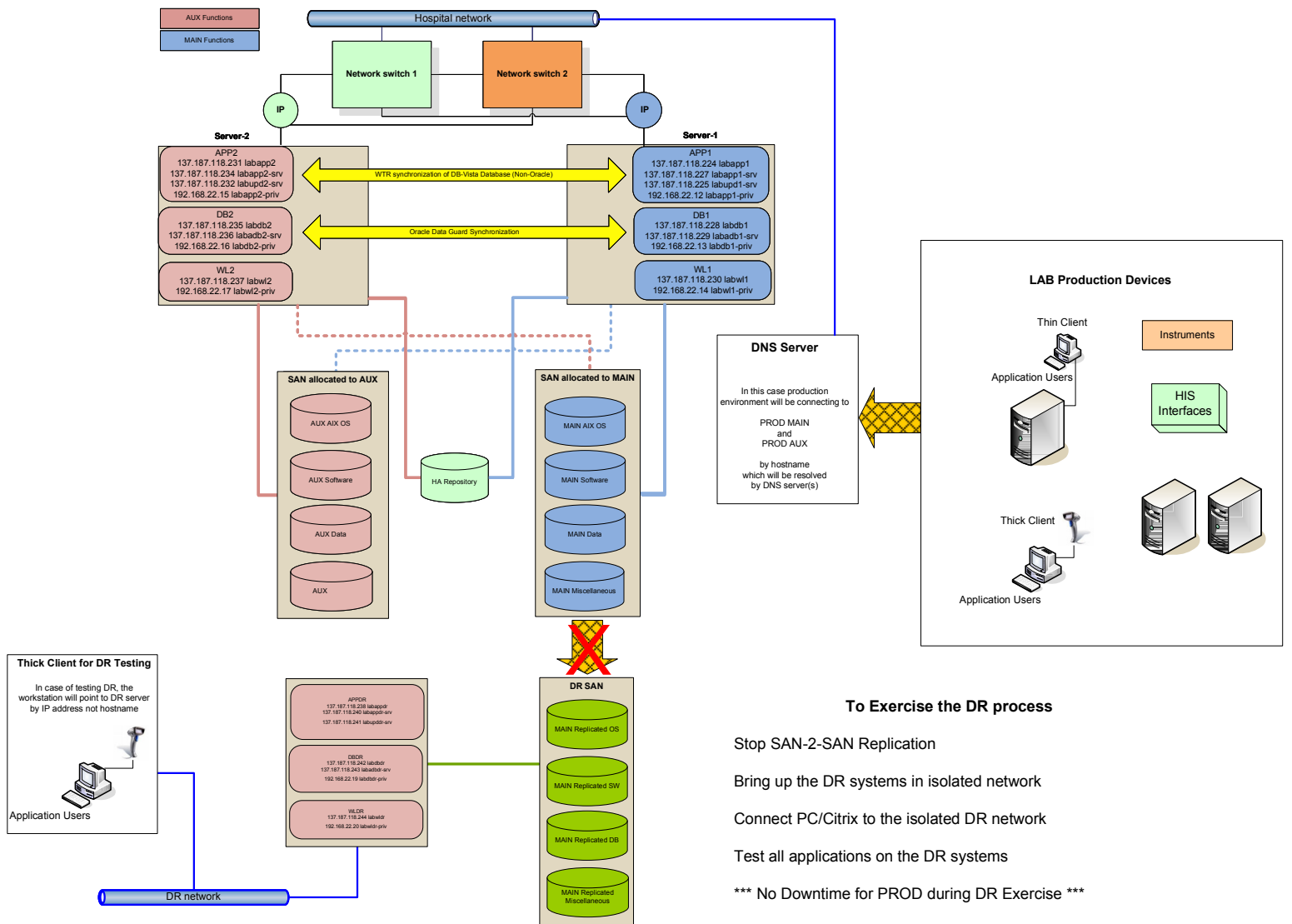
NIH Overall Design Disaster Recovery System

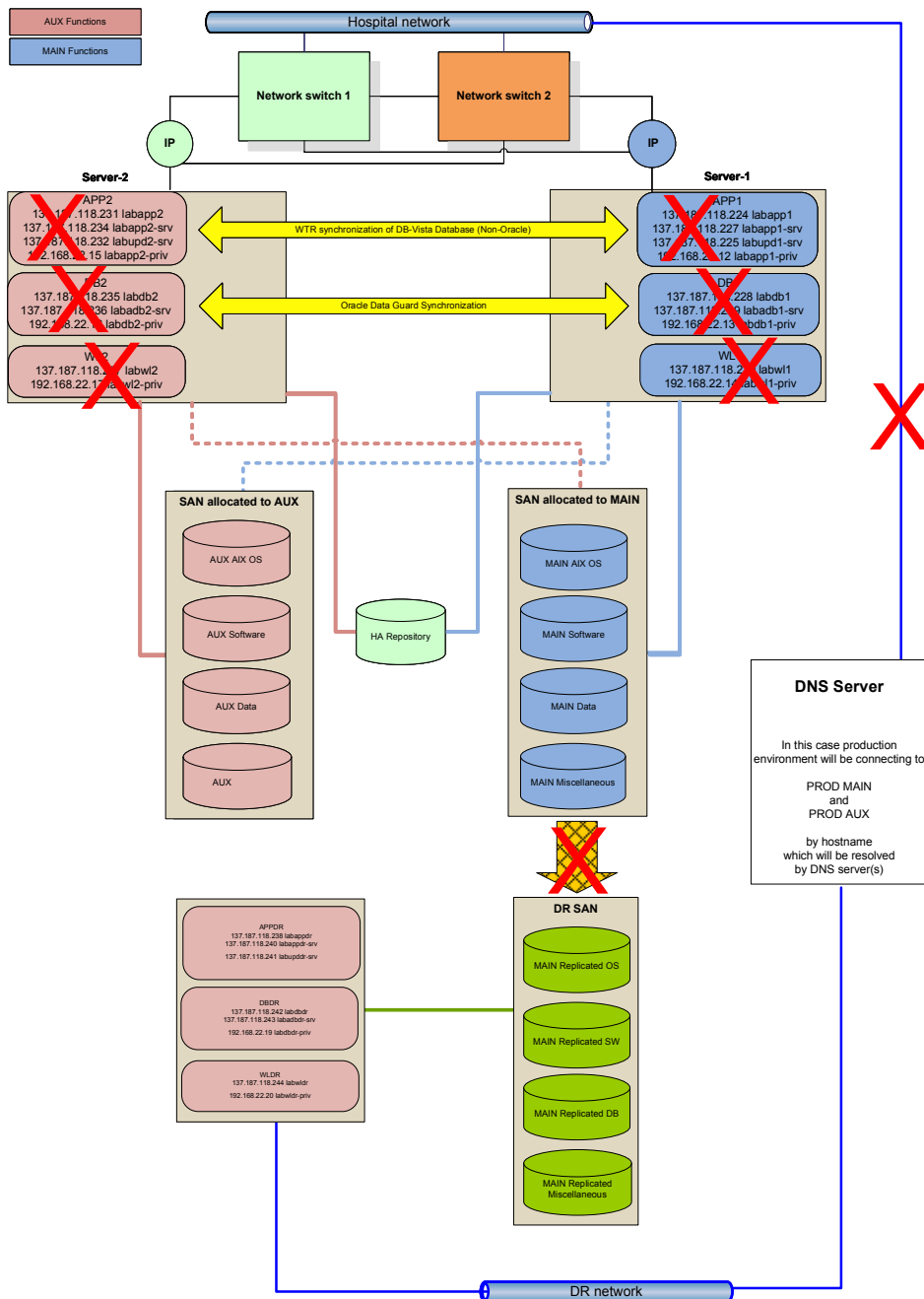
Add a third system in the DR data center

Repeat system profiles from MAIN/AUX on DR

SAN-2-SAN replication from MAIN/AUX to DR

Use DNS to connect all the LAB devices to LIS systems





To Exercise the DR process

Stop SAN-2-SAN Replication

Bring up the DR systems in isolated network

Connect PC/Citrix to the isolated DR network

Test all applications on the DR systems

*** No Downtime for PROD during DR Exercise ***

