KEY-PEOPLE:

* Dominick (primary)
* Sean (secondary)
* Jim (Backup expert)

WEEK 1:

* Rack and cable SAN in SG
* Connect serial cables to hosts 42 and 58

INTER WEEK:

* Deploy New VSP -- DONE
* IP SAN MGMT -- DONE
* IP SAN ISCSI links -- DONE
* Deploy two new 3PAR MGMT VMs (clone the original ones) -- DONE
* Ensure console connectivity -- DONE
* Create CPGs -- DONE
* Create volumes -- DONE
* Create Host Sets -- DONE
* Configure LDAP -- DONE
* Create Hosts populating IQNs from current machines -- DONE
* Deploy test VM -- DONE
* Submit CR -- DONE

WEEK 2 - Migrate VMs:

* Verify SAN console connectivity to both old and new
* Configure all hosts with new target IPs -- DONE
* Create new datastores / cluster -- DONE
* Migrate all VMs to new datastore cluster
* Remove old SAN configs from ISCSI initiator.

WEEK 2 - Migrate CAP boxes:

* LINUX:
  + ##DISCOVER AND LOGIN TO SAN
  + #sudo iscsiadm -m discovery -t sendtargets -p 10.143.16.15
  + #sudo iscsiadm -m discovery -t sendtargets -p 10.143.16.16
  + #sudo iscsiadm -m discovery -t sendtargets -p 10.143.16.17
  + #sudo iscsiadm -m discovery -t sendtargets -p 10.143.16.18
  + SUBNET="143"
  + for i in 15 16 17 18; do sudo iscsiadm -m discovery -t sendtargets -p 10.${SUBNET}.16.${i}:3260 | while read PORTAL TARGET; do echo sudo iscsiadm -m node --targetname ${TARGET} -p ${PORTAL} --login; done; done
  + ##VERIFY SAN CONNECTIONS
  + sudo multipath -ll
  + ls -l /dev/disk/by-path/
  + ##CREATE VOLUME
  + sudo parted -a optimal /dev/mapper/mpathc
  + mklabel gpt
  + mkpart primary 0% 100%
  + set 1 lvm on
  + print
  + quit
  + ##CREATE LVM
  + sudo pvcreate /dev/mapper/mpathcp1
  + ##FIND VG\_NAME
  + sudo vgdisplay
  + ##EXTEND VG
  + sudo vgextend vg\_sg0cap46\_san /dev/mapper/mpathcp1
  + ##VERIFY EXTENDED VG
  + sudo vgdisplay
  + ##MOVE TO NEW SAN
  + screen -L
  + sudo pvmove /dev/mapper/mpathbp1
  + ##REMOVE OLD LVM
  + sudo vgreduce vg\_sg0cap46\_san /dev/mapper/mpathbp1
  + sudo pvremove /dev/mapper/mpathbp1
  + ## VERIFY TARGETS TO BE REMOVED
  + sudo iscsiadm -m session | awk '{ split($3,target,":"); split(target[1],ip,"."); if( ip[4] == 11 || ip[4] == 12 || ip[4] == 13 || ip[4] == 14 ){ print "sudo iscsiadm -m node -T " $4 " --portal " $3 " -u"; print "sudo iscsiadm -m discovery -p " $3 " --op=delete" }}'
  + ## REMOVE OLD TARGETS
  + sudo iscsiadm -m session | awk '{ split($3,target,":"); split(target[1],ip,"."); if( ip[4] == 11 || ip[4] == 12 || ip[4] == 13 || ip[4] == 14 ){ print "sudo iscsiadm -m node -T " $4 " --portal " $3 " -u"; print "sudo iscsiadm -m discovery -p " $3 " --op=delete" }}' | bash