

Subject: NFS test infrastructure

From: chad wasinger <chad.wasinger@oracle.com>

Date: 3/1/17, 2:38 PM

To: Bill Baker <bill.baker@oracle.com>

Shared infrastructure planning...

- Choose a common domain name for all events, cthon.org or nfsv4bat.org etc.
 - nfsmapid domain with a DNS txt record
 - kerberos REALM with a DNS srv record
- Kerberos, DHCP and DNS services
 - Using the same KDC name , address and REALM. Each event to make use of a different KDC vendor
 - Utilize an HTTP front end to ease configuration, clients provide a hostname and MAC address
 - The DHCP and DNS records for IPv4/IPv6 will be created and updated in those databases
 - The KRB5 keytab is generated which the client can retrieve and install
- Standardize on IPv4/IPv6 address ranges, 172.16.x.x Ethernet , 172.17.x.x Infiniband
 - Each implementer has the same address range at each event
 - IPv6 to be based on the IPv4 address
- Common wiki page for test results
 - Keeping a history of results that can be referenced between events, with 2 – 3 years of history
 - Need to determine how to export and exchange wiki info between events
- Server code/configs will be held in the GIT tree