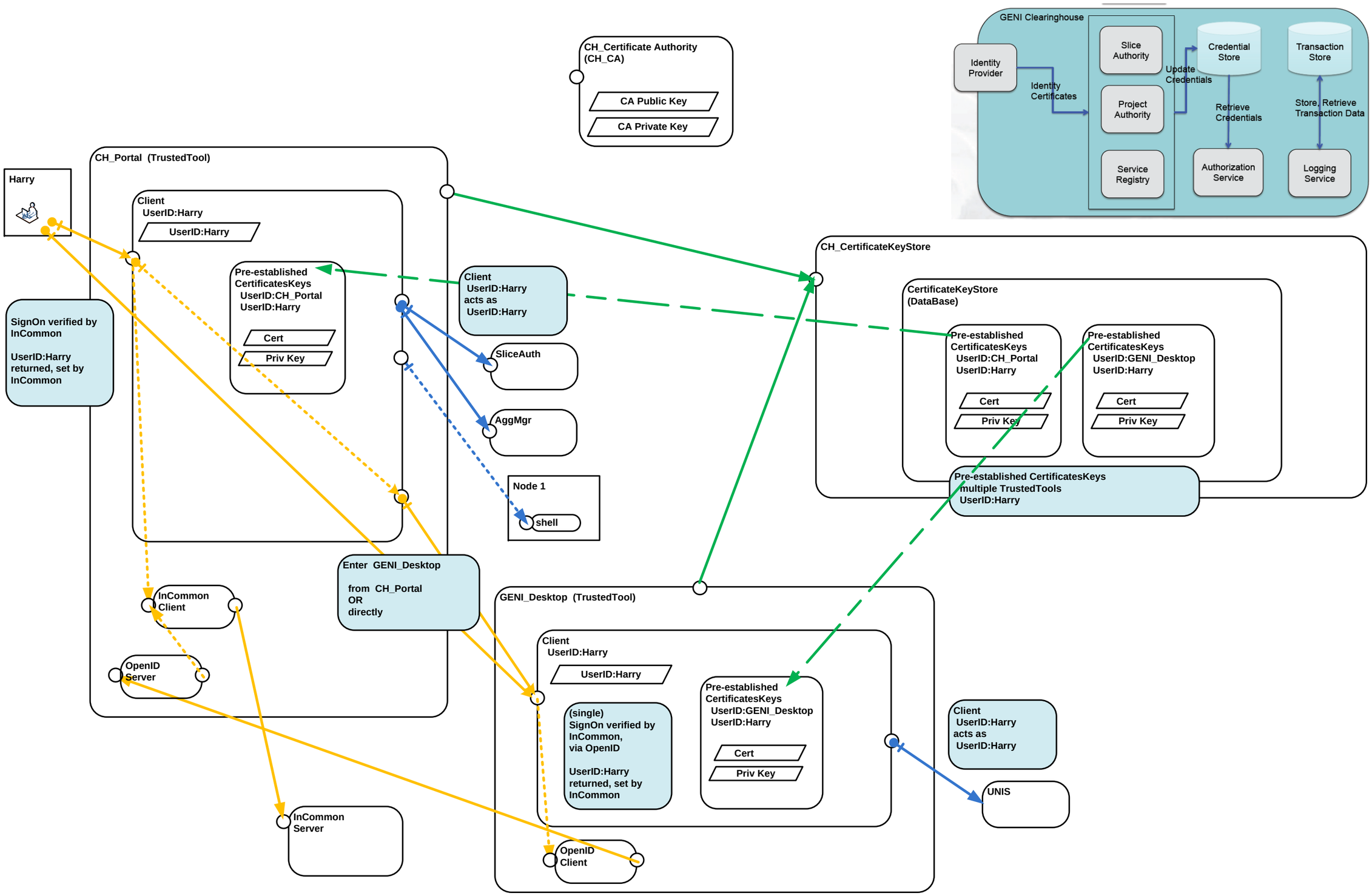
GENI Clearinghouse
Identity Provider
Identity Certificates
Slice Authority
Project Authority
Service Registry
Update Credentials
Credential Store
Transaction Store
Retrieve Credentials
Store, Retrieve Transaction Data
Authorization Service
Logging Service
CH_Certificate Authority (CH_CA)
CA Public Key
CA Private Key
CH_Portal (TrustedTool)
Harry
Client
UserID:Harry
UserID:Harry
Pre-established CertificatesKeys
UserID:CH_Portal
UserID:Harry
Cert
Priv Key
SignOn verified by InCommon
UserID:Harry returned, set by InCommon
Client
UserID:Harry
acts as
UserID:Harry
SliceAuth
AggMgr
Node 1
shell
Enter GENI_Desktop
from CH_Portal
OR
directly
InCommon Client
OpenID Server
InCommon Server
CH_CertificateKeyStore
CertificateKeyStore (DataBase)
Pre-established CertificatesKeys
UserID:CH_Portal
UserID:Harry
Cert
Priv Key
Pre-established CertificatesKeys
UserID:GENI_Desktop
UserID:Harry
Cert
Priv Key
Pre-established CertificatesKeys
multiple TrustedTools
UserID:Harry
GENI_Desktop (TrustedTool)
Client
UserID:Harry
UserID:Harry
(single)
SignOn verified by InCommon,
via OpenID
UserID:Harry
returned, set by InCommon
Pre-established CertificatesKeys
UserID:GENI_Desktop
UserID:Harry
Cert
Priv Key
OpenID Client
Client
UserID:Harry
acts as
UserID:Harry
UNIS