Instructions to configure certificate login

CAC/PIV Card/ Certificate Registration Pop-up:

1) Go to /opt/gluu-server/etc/apache2/sites-available, open file lb.conf on the load balancer VM and add the below given details for page entertoken.xhtml and index.zul as shown in below screenshoot:

   For entertoken.xhtml

   ```
   <LocationMatch /oxauth/auth/regtr.htm>
           SSLVerifyClient require
           SSLVerifyDepth 10
           SSLOptions -StdEnvVars +StrictRequire +ExportCertData

           # Forward certificate to destination server
           RequestHeader set X-ClientCert %{SSL_CLIENT_CERT}s
    </LocationMatch>
   ```

   For index.zul

   ```
   <LocationMatch /casa/pl/cert/index.zul>
           SSLVerifyClient require
           SSLVerifyDepth 10
           SSLOptions -StdEnvVars +StrictRequire +ExportCertData

           # Forward certificate to destination server
           RequestHeader set X-ClientCert %{SSL_CLIENT_CERT}s
   </LocationMatch>
   ```

   For cert-login.xhtml if not available in https_gluu.conf add below tag also.

   ```
   <LocationMatch /oxauth/auth/cert/cert-login.htm>
           SSLVerifyClient require
           SSLVerifyDepth 10
           SSLOptions -StdEnvVars +StrictRequire +ExportCertData

           # Forward certificate to destination server
           RequestHeader set X-ClientCert %{SSL_CLIENT_CERT}s
    </LocationMatch>
   ```

```
        Allow from all
    </Location>

    <LocationMatch /oxauth/auth/cert/cert-login.htm>
        SSLVerifyClient require
        SSLVerifyDepth 10
        SSLOptions -StdEnvVars +StrictRequire +ExportCertData

        # Forward certificate to destination server
        RequestHeader set X-ClientCert %{SSL_CLIENT_CERT}s
    </LocationMatch>
    <LocationMatch /oxauth/auth/regtr.htm>

        SSLVerifyClient require
        SSLVerifyDepth 10
        SSLOptions -StdEnvVars +StrictRequire +ExportCertData

        # Forward certificate to destination server
        RequestHeader set X-ClientCert %{SSL_CLIENT_CERT}s

    </LocationMatch>
     <LocationMatch /casa/pl/cert/index.zul>
        SSLVerifyClient require
        SSLVerifyDepth 10
        SSLOptions -StdEnvVars +StrictRequire +ExportCertData

        # Forward certificate to destination server
        RequestHeader set X-ClientCert %{SSL_CLIENT_CERT}s
    </LocationMatch>

    ProxyPass        /.well-known/openid-configuration http://localhost:8081/oxauth/.well-known/openid-configuration
```

chain_cert.pem

1) Add line “SSLCACertificateFile /etc/certs/chain_cert.pem” into https_gluu.conf as shown in below screenshoot.
2) Also move chain_cert.pem from Artifacts folder to /opt/gluu-server/etc/certs
3) Update existing cert script with script given in Artifacts/All Script folder.

```
        SSLCipherSuite ECDHE-RSA-AES256-GCM-SHA384:ECDHE-
        SSLHonorCipherOrder On
        SSLCertificateFile /etc/certs/httpd.crt
        SSLCertificateKeyFile /etc/certs/httpd.key
        SSLCACertificateFile /etc/certs/chain_cert.pem

                SetEnv proxy-nokeepalive 1
                SetEnv proxy-initial-not-pooled 1
                Timeout 60
                ProxyTimeout 60

        # Security headers
```