Issue: Image Streamer UI not accessible

Customer:

UTAH - SIE166505 - We cannot launch into the Appliances Homepage

Recovery Steps:

1) On OV active appliance, get OV certificate:

auth=\$(psql -A -t --dbname=cidb --user=postgres -c "select session_id from session.session where username='security';";)

curl --noproxy '*' -k -i -X GET -H "Content-Type: application/json" -H "Auth:\$auth" -H "X-API-Version: 300" -H "Requestername: SKIP CERT VALIDATE" https://localhost/rest/certificates/https

2) POST OV certificate on to the i3s Active appliance:

auth=\$(psql -A -t --dbname=cidb --user=postgres -c "select session_id from session.session where username='security';";)

curl --noproxy '*' -k -i -X POST -H "Content-Type: application/json" -H "Auth:\$auth" -H "X-API-Version: 300" -H "Requestername: SKIP_CERT_VALIDATE" https://localhost/rest/certificates -d '{"aliasName": "71f3612c-47c9-4705-a52d-83dc726e2d2a"," base64SSLCertData": "----BEGIN CERTIFICATE-----

 $\verb|\nM|| EGDCCAwCgAw|| BAg|| CfHowDQYJKoZ|| hvcNAQELBQAwdTELMAkGA1UEBhMCVVMx\\| nEzARBgNVBAg|| MCkNhbG||$

Imb3JuaWExEjAQBgNVBAcMCVBhbG8gQWx0bzEjMCEGA1UE\nCgwaSGV3bGV0dCBQYWNrYXJkIEVudGVycHJpc2UxGDAWBgNVBAMMD2NpLTMwZTE3\nMTY4ZjllODAeFw0xOTAy

 $MTExMjQwNDlaFw0yOTAyMTExMjQwNDlaMHUxCzAJBgNV \ nBAYTAlVTMRMwEQYDVQQIDApDYWxpZm9ybmlhMRlwEAYDVQQHDAlQYWxvIEFsdG8x \ nIzAhBgNVBAoMGkhld2xldH$

QgUGFja2FyZCBFbnRlcnByaXNlMRgwFgYDVQQDDA9j\naS0zMGUxNzE2OGY5ZTgwggEiMA0GCSqGSlb3DQEBAQUAA4IBDwAwggEKAoIBAQDQ\nT0m2SHVLivpazn82vMzVrGos

WrIsW2xF4ZYGB0fFQ5PygFatiqMXMTpSkGr3akx4\n0A1a/ewDHT7GkmfxI7O7C4hMp0JPiTaFuI5WxN8Jn 0rs4Di4xinuEfBzHPE7KtaM\nQPhJMqTlacoKxML9EwKumnbz6y

 $2eQGq9Sxno+ZwetBGURxNG1v8B3FqIOS3kqoG6\\nllwlbsiZ5kWRmRj4JAZmSDXqkOv+ahNkHJJvGhPNXnlh+/4w60qnGvkNFOcFnrbp\\n7m9/Zqypvhd6ulbhWOl69M92/Orl$

 $imv21PtDCpblwvf/kBaDl8tDKq+4ZJR4rGmd\\nq/1z2RUdSOCJFzHiZ/2PAgMBAAGjgbEwga4wgYwGA1UdEQSBhDCBgYlPY2ktMzBl\\nMTcxNjhmOWU4gg9jaS0zMGUxNzE2OG$

Y5ZTiHBA+BXKiCDTE1LjEyOS45Mi4xNjiH\nEP6AAAAAAAAAdj+fglyiolqCGWZlODA6Ojc2M2Y6OWY4MDo 4Y2EyOmEwOGGCG1tm\nZTgwOjo3NjNmOjlmODA6OGNhMjphMDhh

XTAdBgNVHSUEFjAUBggrBgEFBQcDAQYI\nKwYBBQUHAwIwDQYJKoZIhvcNAQELBQADggEBAL+CK5xnsWCdNGFCTgRGznVi2Hzg\n3ad1bHoepJ0XNyoelEo5SqoZdf73psxngi

 $\label{lem:lem:mecMqtSRKuc3AFbvCjoGnQ5+LdR9KV} MecMqtSRKuc3AFbvCjoGnQ5+LdR9KV n4UY4/NXk8DA7zGLJZfMOIt7pe1vPgxtJFIsjV7rgUsNEMhqDXarj+8jNy+/dyMSO nVDjtV5wliZBXFs5bP059zh6JbuAB/cHeMKV5$

iY8PZYWv0oRktRWJgXSnBbkzd7dy\n1mzpGoBfbJzdTo7wNLuhSEzP+VjPdloutg4VB9T7u/ovSEFNZmhUSZJ8QXgBjbXA\nnKuXrv7Z3UpSP6snFZYoAErRToPKYL7eAlX3mD

lyQtreWfR6PcKWwWSTZjY=\n----END CERTIFICATE-----","type":"SSLCertificateDTO"}'

Post executing the curl command, Check the header for response (200 OK)

HTTP/1.1 100 Continue

HTTP/1.1 200 OK

Date: Thu, 21 Feb 2019 03:34:35 GMT Server: Apache

Content-Type: application/json;charset=UTF-8 cache-control: no-cache

3) On Active OV appliance:

auth=\$(psql -A -t --dbname=cidb --user=postgres -c "select session_id from session.session where username='security';";)

echo \$auth (make sure it contains only 1 string. If more than one string the set auth to the 1st string as follow: auth=1 string)

curl --noproxy '*' -k -i -X GET -H "Content-Type: application/json" -H "Auth:\$auth" -H "X-API-Version: 300" https://localhost/rest/tc/appliance

Sample query output:

{"type":"SharedApplianceTokenCollection","uri":"/rest/tc/appliance/","categ ory":"SharedApplianceTokenCollection","eTag":null,"created":"2019-02-21T02: 34:48.050Z","modified":"2019-02-21T02:34:48.050Z","start":0,"count":1,"tota l":1,"prevPageUri":null,"nextPageUri":null,"members":[{"type":"SharedApplia nceToken","token":"NTA0MjA0NDIyOTQ5xqRXCdovSpxk82y-hv81UNTKMHht9F_c","appUu id":"71f3612c-47c9-4705-a52d-83dc726e2d2a","compName":"appliance","uri":"/r est/tc/appliance/71f3612c-47c9-4705-a52d-83dc726e2d2a","category":"sharedap pltoken","eTag":"2019-02-21T00:00:00.114Z","created":"2019-02-11T11:34:38.0 16Z","modified":"2019-02-21T00:00:00.114Z","applianceType":"APPLIANCE"}]}

4) Connect to Active Image streamer appliance cidb: psql –U postgres cidb

select * from authz.appliance;

id | 50

token | NTAOMjAONDIyOTQ5xqRXCdovSpxk82y-hv81UNTKMHht9F_c compname | appliance appuuid | 71f3612c-47c9-4705-a52d-83dc726e2d2a appliancetype | MANAGEMENTAPPLIANCE created | 2019-02-11 12:59:03.22 modified | 2019-02-21 02:44:45.612

lockversion | 4

Update the token fetched above from REST API in the database authz.appliance database table. update authz.appliance set token=' NTA0MjA0NDIyOTQ5xqRXCdovSpxk82y-hv81UNTKMHht9F_c' where appuuid=' 71f3612c-47c9-4705-a52d-83dc726e2d2a';

How to reproduce the issue in the Lab:

Delete the OV certificate on the Image Streamer using the below REST API auth=\$(psql -A -t --dbname=cidb --user=postgres -c "select session_id from session.session where username='security';";)

curl --noproxy '*' -k -i -X DELETE -H "Content-Type: application/json" -H "Auth:\$auth" -H "X-API-Version: 300" -H "Requestername: SKIP_CERT_VALIDATE"

https://localhost/rest/certificates/https://localhost/rest/certificates/<OV appliance uuid>

OV appliance UUID can be checked from the authz.appliance database table where appliancetype='MANAGEMENTAPPLIANCE'.