Reginald,

Jim Sibley (thanks to Jim!) discovered that someone altered the /etc/isante/my.cnf file at St. Boniface. (see his email to me below)

That is a NO-NO!!!

In this case, deviating from our standard iSanté configuration prevents Java programs from connecting to MySQL.

See Jim's explanation below. You will need to change the file back to the standard contents and restart MySQL, preferably when no one is using iSanté during off hours.

Also according to Jim, this change was made by a client with IP 192.168.1.46. The St. Boniface router is configured incorrectly, because all clients should be getting IP addresses above 100 (i.e. 192.168.1.100).

I am happy to help if you aren't clear on how to proceed.

Steve

---------- Forwarded message ----------

From: **James Sibley** <jsibley@uw.edu>

Date: Tue, Oct 30, 2012 at 11:57 AM

Subject: Re: catalina logs from 67.47.151.18 (Hôpital Saint Boniface de Fond des Blancs) 73103

To: Stephen Wagner <shw2@uw.edu>

Found the problem. On October 19th, someone logged in from

192.168.1.46 as 'itech' and somehow during that session, the file

'/etc/mysql/my.cnf' was modified and two of the config options were altered:

[Hôpital Saint Boniface de Fond des Blancs]

bind-address = 0.0.0.0

skip-name-resolve

[Standard iSanté install]

bind-address = 127.0.0.1

<the skip-name-resolve option is not set>

I think it may be the 'skip-name-resolve' option that's causing the

problem, but I'd recommend changing both of those options back to the

standard settings, then restarting MySQL. That should fix the problem.

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The interconnect at St. Boniface is working. I've verified that is is ok, but please try yourself and let me know.

The last step was ***not*** to restart Tomcat; we needed to restart MySql! I did that late last night (/etc/init.d/mysql stop /etc/init.d/mysql start)

This makes sense, since we were editing the MySql configuration file (/etc/mysql/my.cnf). MySql reads that when starting up only, so it needed the corrected information.

Referring to the ***Post installation configuration for OpenELIS*** document, we can test that patient search is working with this URL:

<https://67.47.151.18/PatientSearchService/iSante/services/patients?first=Test&last=Test&name=iSanteSvcUser&pwd=cq:qzhuxpVz80oD>

It returns an XML format like this (but you will need to do the LDAP login and agree to disregard the lack of a certificate first):

<PatientSearchReply>

<Patients/>

</PatientSearchReply>

You can also put real patient information into this test URL. In the next URL, I'm searching for all patients with first name 'Jean'--notice that there are two patients returned that satisfy the request (I've replaced identifying information with XXXXX):

<https://67.47.151.18/PatientSearchService/iSante/services/patients?first=jean&name=iSanteSvcUser&pwd=cq:qzhuxpVz80oD>

<PatientSearchReply>

<Patients>

<Patient>

<address>

<town>Nan milien</town>

</address>

<DOB year="1967"/>

<firstName>Jean</firstName>

<GUID>03647499-5abe-46e0-9fab-2e82aa130f7d</GUID>

<gender>X</gender>

<lastName>XXXXXX</lastName>

<mothersFirstName>XXXXXX</mothersFirstName>

<nationalId>XXXXXX</nationalId>

<occupation>XXXXXXXXX</occupation>

<STNumber>XXXXXXXXXXX</STNumber>

</Patient>

<Patient>

<address>

<town>3eme section miragoane</town>

</address>

<DOB year="1962" month="XX" day="XX"/>

<firstName>Jean</firstName>

<GUID>ace52dac-5302-4fe3-8eea-c6e5125f6153</GUID>

<gender>X</gender>

<lastName>XXXX</lastName>

<mothersFirstName>XXXXXXX</mothersFirstName>

<nationalId>XXXXXXX</nationalId>

<occupation>XXXXXXXXXXXXXXXXXXXXX</occupation>

<STNumber>XXXXXXXX</STNumber>

</Patient>

</Patients>

</PatientSearchReply>

You can also test with a URL like this in the ssh session on the server using curl:

curl -k "<https://localhost/PatientSearchService/iSante/services/patients?first=Test&last=Test&name=iSanteSvcUser&pwd=cq:qzhuxpVz80oD>"

curl -k "[https://192.168.1.50/PatientSearchService/iSante/services/patients?first=Test&last=Test&name=iSanteSvcUser&pwd=cq:qzhuxpVz80oD](https://localhost/PatientSearchService/iSante/services/patients?first=Test&last=Test&name=iSanteSvcUser&pwd=cq:qzhuxpVz80oD)"

<?xml version="1.0" encoding="UTF-8" standalone="yes"?><PatientSearchReply><Patients/></PatientSearchReply>