

ISTI Open Access - Incident #23196

New problem accessing FTP server from Dnet

Apr 21, 2022 10:59 AM - Michele Artini

Status:	Closed	Start date:	Apr 21, 2022
Priority:	Normal	Due date:	
Assignee:	Andrea Dell'Amico	% Done:	100%
Target version:	FTP		
VREName:			
Description			
The aggregation workflow of ISPC continues to fail trying to access the new FTP server, the error is:			
Caused by: java.security.cert.CertificateExpiredException: NotAfter: Fri Apr 01 02:27:24 CEST 2022 at sun.security.x509.CertificateValidity.valid(CertificateValidity.java:277) at sun.security.x509.X509CertImpl.checkValidity(X509CertImpl.java:677) at sun.security.x509.X509CertImpl.checkValidity(X509CertImpl.java:650) at org.apache.commons.net.util.TrustManagerUtils\$TrustManager.checkServerTrusted(TrustManagerUtils.java:61) at sun.security.ssl.AbstractTrustManagerWrapper.checkServerTrusted(SSLContextImpl.java:1256) at sun.security.ssl.CertificateMessage\$T12CertificateConsumer.checkServerCerts(CertificateMessage.java:638) ... 23 more			
Could you update the certificate?			

History

#1 - Apr 21, 2022 11:31 AM - Andrea Dell'Amico

- Status changed from New to Feedback

The certificate is valid, and the logs show that the ftp service was restarted after the last renewal

```
Signature Algorithm: sha256WithRSAEncryption
Issuer: C = US, O = Let's Encrypt, CN = R3
Validity
    Not Before: Mar  2 00:27:25 2022 GMT
    Not After : May 31 00:27:24 2022 GMT
Subject: CN = new-openportal.isti.cnr.it

Wed Mar  2 02:27:28 CET 2022
Copy the key file
Failed to restart VSFTPD.service: Unit VSFTPD.service not found.
acme-vsftpd-hook: Restart the VSFTPD service
acme-vsftpd-hook: Done.

[...]

X509v3 Subject Alternative Name:
    DNS:new-openportal.isti.cnr.it, DNS:newftp.openportal.isti.cnr.it, DNS:openportal.ispc.cnr.it
```

It's the same certificate used by the web server, so a renewal failure wouldn't go unnoticed.

Since when the workflow is failing?

#2 - Apr 21, 2022 11:36 AM - Michele Artini

I restarted the wf, but it failed again:

```
java.lang.RuntimeException: javax.net.ssl.SSLHandshakeException: NotAfter: Fri Apr 01 02:27:24 CEST 2022
```

The last successful execution was March 31.

#3 - Apr 21, 2022 11:36 AM - Andrea Dell'Amico

Hm. It required another restart. Now it sports the correct certificate.

#4 - Apr 21, 2022 11:47 AM - Michele Artini

- Status changed from Feedback to Closed

I restarted also the container and now the wf completed successfully.

Probably the old certificate remained in some cache.

I close the ticket.

#5 - Jun 01, 2022 08:56 AM - Michele Artini

- Status changed from Closed to In Progress

Devo riaprire il ticket perchè il problema si è ripresentato:

```
java.lang.RuntimeException: javax.net.ssl.SSLHandshakeException: NotAfter: Tue May 31 02:27:24 CEST 2022
```

@andrea.dellamico@isti.cnr.it Puoi verificare?

#6 - Jun 01, 2022 09:09 AM - Andrea Dell'Amico

- Status changed from In Progress to Feedback

- % Done changed from 0 to 100

I restarted it again, and changed the hook script to restart the ftp server twice.

#7 - Jun 01, 2022 09:12 AM - Michele Artini

- Status changed from Feedback to Closed

It works, thanks.

#8 - Aug 16, 2022 09:58 AM - Michele Artini

- Status changed from Closed to In Progress

I reopened the ticket

```
java.lang.RuntimeException: javax.net.ssl.SSLHandshakeException: NotAfter: Sun Jul 31 01:59:59 CEST 2022
```

#9 - Aug 16, 2022 11:20 AM - Anonymous

I restarted the ftp service, maybe the problem is the same, better fix needed.

@michele.artini@isti.cnr.it Could you try and check again?

#10 - Aug 16, 2022 11:34 AM - Michele Artini

- Status changed from In Progress to Closed

Thanks anonymous :-)

Now it works.

I close the ticket.

#11 - Aug 16, 2022 08:32 PM - Tommaso Piccioli

It was me ;)

#12 - Jan 02, 2023 10:34 AM - Michele Artini

I reopen this ticket:

```
java.lang.RuntimeException: javax.net.ssl.SSLHandshakeException: NotAfter: Wed Dec 28 10:20:50 CET 2022
```

Could you update the certificate?

#13 - Jan 02, 2023 12:52 PM - Andrea Dell'Amico

I just restarted the ftp service and I also spotted and fixed the problem: the restart command in the hook script was wrong, the service name was all

capital letters. I don't know why I missed that in the past.

#14 - Jan 02, 2023 12:55 PM - Michele Artini

It works. Thanks.