

InterSystems Official
[Pete Greskoff](#) · Dec 8, 2020

December 8, 2020 – Advisory: Expiring Certificate Authority Certificates

InterSystems has identified an issue with product distributions containing Certificate Authority certificates that expire at the end of 2020. This issue does not affect system operation or system security in any way, although it does generate alerts about expiring certificates in the `cconsole.log` or `messages.log` files. The messages may be ignored and there are instructions below to eliminate them.

The issue affects the following versions:

- Caché and Ensemble 2017.1, 2017.2, and 2018.1
- All released versions of InterSystems IRIS and InterSystems IRIS for Health
- HealthShare products based on the above versions

The System Monitor generates these messages because `<install-dir>/dev/CACerts/AllCA.cer` is referenced in `ISC.FeatureTracker.SSL.Config`. The file `AllCA.cer` contains certificates that expire at the end of 2020. Its use has been deprecated starting with Caché and Ensemble 2018.1.4, and IRIS 2020.1.0+.

The recommended mitigation is to remove or rename `<install-dir>/dev/CACerts/AllCA.cer`. Note that this file may be re-created if you upgrade an instance, so you may need to perform this mitigation step after each upgrade to or installation of an affected version. The expiring certificates will no longer be included in distributions starting with Caché and Ensemble 2018.1.5, IRIS 2019.1.2, and IRIS 2020.1.1.

Deleting this file does not affect any default InterSystems product functionality or the security of any provided software utilities. If your Caché or Ensemble application uses `AllCA.cer` or the `ThawteCA.cer` file (in the same directory), please contact the Worldwide Response Center (WRC) for assistance.

If you have any questions regarding this alert, please contact the [Worldwide Response Center](#).

Example `cconsole.log/messages.log` entries (note that there may be variations depending on version):

```
12/02/20-11:00:25:869 (9968) 2 [Utility.Event] 6 SSL/TLS Certificate(s) expiring within 30 days. See messages.log for details.
```

```
12/02/20-11:00:25:871 (9968) 1 [Utility.Event] Certificate 0 Issuer CN=Thawte Timestamping CA,OU=Thawte Certification,O=Thawte,L=Durbanville,ST=Western Cape,C=ZA (Subject CN=Thawte Timestamping CA,OU=Thawte Certification,O=Thawte,L=Durbanville,ST=Western Cape,C=ZA) expires in 29 days (2020-12-31).
```

```
12/02/20-11:00:25:873 (9968) 0 [Utility.Event] Certificate 0 Issuer CN=Thawte Timestamping CA,OU=Thawte Certification,O=Thawte,L=Durbanville,ST=Western Cape,C=ZA in file C:\InterSystems\20201IRIS\dev\CACerts\AllCA.cer used by configuration(s) SSL/TLS - "ISC.FeatureTracker.SSL.Config"
```

12/02/20-11:00:25:875 (9968) 1 [Utility.Event] Certificate 0 Issuer emailAddress=personal-basic@thawte.com,CN=Thawte Personal Basic CA,OU=Certification Services Division,O=Thawte Consulting,L=Cape Town,ST=Western Cape,C=ZA (Subject emailAddress=personal-basic@thawte.com,CN=Thawte Personal Basic CA,OU=Certification Services Division,O=Thawte Consulting,L=Cape Town,ST=Western Cape,C=ZA) expires in 29 days (2020-12-31).

12/02/20-11:00:25:932 (9968) 0 [Utility.Event] Certificate 1 Issuer emailAddress=premium-server@thawte.com,CN=Thawte Premium Server CA,OU=Certification Services Division,O=Thawte Consulting cc,L=Cape Town,ST=Western Cape,C=ZA in file C:\InterSystems\20201IRIS\dev\CACerts\AICA.cer used by configuration(s) SSL/TLS - "ISC.FeatureTracker.SSL.Config"

12/02/20-11:00:25:947 (9968) 0 [Utility.Event] Certificate 1 Issuer emailAddress=server-certs@thawte.com,CN=Thawte Server CA,OU=Certification Services Division,O=Thawte Consulting cc,L=Cape Town,ST=Western Cape,C=ZA in file C:\InterSystems\20201IRIS\dev\CACerts\AICA.cer used by configuration(s) SSL/TLS - "ISC.FeatureTracker.SSL.Config"

These messages are generated at 11am each day, and after each restart.

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