
ARC 4.0: Wrong time zone when executing ARC-schedules

- **Article Type:** General
 - **Product:** Aleph
 - **Product Version:** 4
-

Problem Symptoms:

Since migrating to ARC 4.0 all our schedules are executed 7 hours too late.

We suspect Cognos is configured to use the wrong time zone (e.g. GMT-6 instead of GMT+1). Setting the time zone in the User Preferences has no effect.

According to the IBM Cognos documentation, one should be able to change to time zone using the Cognos configuration interface. However, when we try to open this interface with

```
/exlibris/crn/arc4_1/c10/bin64$ ./cogconfig.sh
```

we get the following error message:

```
Using /exlibris/crn/arc4_1/product/local/java/bin/java
```

```
17/11/2014,11:35:27,Err,java.lang.ExceptionInInitializerError,
```

```
com.cognos.crconfig.CRConfigFrame.<init>(CRConfigFrame.java:112)com.cognos.crconfig.CRConfigFrame.<clinit>(CRConfigFrame
```

```
17/11/2014,11:35:27,Err,java.awt.HeadlessException:
```

```
No X11 DISPLAY variable was set, but this program performed an operation which requires it.,
```

```
com.cognos.crconfig.CRConfigFrame.<init>(CRConfigFrame.java:112)com.cognos.crconfig.CRConfigFrame.<clinit>(CRConfigFrame
```

Can you help us accessing the Configuration interface? Or is there another way to change the time zone?

Cause:

xWindows not installed on the server

Resolution:

There are 2 ways to correct the Time zone in the ARC configuration.

1. using [./cogconfig.sh](#)

This is only possible if you have a browser / xWindows installed on your machine.

2. modify file cogstartup.xml manually.

a. Stop the ARC services

```
csh -f $sarce_root/arc_shutdown
```

b. backup the current configuration file

```
cp -p cogstartup.xml cogstartup_20141117.xml
```

c. change the time zone to 'Western European time' (WET) in ./c10/configuration/cogstartup.xml

Example

```
<!-- serverTimeZoneID: Specifies the time zone used by Content Manager. -->
<!-- Use this property to identify the time zone used by Content Manager. Time zones are
used as the time reference in schedules and other system times. -->
<crn:parameter name="serverTimeZoneID">
<crn:value xsi:type="cfg:timeZone">Asia/Jerusalem</crn:value>
</crn:parameter>
```

change to

```
<!-- serverTimeZoneID: Specifies the time zone used by Content Manager. -->
<!-- Use this property to identify the time zone used by Content Manager. Time zones are
used as the time reference in schedules and other system times. -->
<crn:parameter name="serverTimeZoneID">
<crn:value xsi:type="cfg:timeZone">WET</crn:value>
</crn:parameter>
```

d. Restart ARC

```
csh -f $arce_root/arc_startup
```

Additional Information

The valid entries for the timezone (and other drop down values) can be found in file
/exlibris/crn/arc4_1/c10/configuration/i18n_res.xml

examples:

```
<timezone>America/Phoenix</timezone>
<timezone>Asia/Jerusalem</timezone>
<timezone>Europe/Berlin</timezone>
<timezone>Europe/Paris</timezone>
<timezone>UTC</timezone>
<timezone>VST</timezone>
<timezone>WET</timezone>
```

Category: Reports (ARC) - ARC

Subject: Scheduling - ARC

• **Article last edited:** 11/17/2014