

Problem

Problems starting the Interface Repository. Bad network configuration

Solution

Trying `acsStart` you get something like this:

```
INFO - Starting CORBA Services
INFO -      Orb options:  -ORBDottedDecimalAddresses 1
INFO - Starting Interface Repository
uncaught MICO exception: IDL:omg.org/CORBA/INITIALIZE:1.0 (0, not-completed)
Max timeout exceeded!
/alma/ACS-5.0/ACSSW/bin/acsStartORBSRV: line 331: 16859 Aborted $MICO_HOME/bin/ird -ORBNoResolve -ORBIIOPAddr
inet:$HOST:$ACS_IR_PORT --ior $IR_IOR
ERROR - Unable to start the Interface Repository!
ERROR - Try increasing the value of $ACS_STARTUP_TIMEOUT_MULTIPLIER
ERROR - Cannot kill the interface repository
Detected the process emitted 'ERROR' which implies
some sort of error condition!
Bailing without making any attempt to stop the process.
ERROR - Detected the acsStartORBSRV process has exited with an error!
```

There is a fairly long pause after reporting the MICO exception.

What happens?

Reply

Most probably you have a problem with network configuration.

Probably your `$HOST` does not resolve as your IP.

The interface repository is started with the following command (parameters stripped):

```
> LD_LIBRARY_PATH=$MICO_HOME/lib:$LD_LIBRARY_PATH
> $MICO_HOME/bin/ird -ORBNoResolve -ORBIIOPAddr inet:$HOST:3004
```

where `$HOST` must be properly resolved, typically in `/etc/hosts`.

If this is not the case, then it Aborts.
In that case also the basic

```
ping $HOST
```

would probably not work.

You can try by hand and see what happens.

This has happened already to other people, in particular with networks configured for DHCP. The basics are here:

- <https://ictwiki.alma.cl/twiki/bin/view/Main/FAQGeneralDevelopmentEnvironmentBadEtcHosts>

but this is a different kind of misconfiguration.

Related articles

- [How can more people do development with ACS on the same machine without disturbing each other?](#)
- [Which ports are used by ACS?](#)
- [Problems connecting to ACS servers on a remote machine: bad /etc/hosts](#)
- [Why does the `getComponent` method of `ZLegacy/ACS.ContainerServices` return an object of type `None`?](#)
- [Why are some of my print statements not showing up in the container output section of `acscommandcenter`?](#)