



Best practices

Running SOA applications in Platform Symphony Developer Edition if your network environment has issues

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Introduction to DE

Platform Symphony Developer Edition (DE) provides an environment for application developers to grid-enable, test, and run their service-oriented applications.

Problem Description

If your network environment has issues, you may encounter an error similar to the one below when submitting workload. In this example, we use symping (built-in application in Symphony) to submit workload.

```
C:\Users\IBM_ADMIN>symping
```

```
-----  
Symphony Ping Utility.
```

Use this utility to test and verify that components are working and responsive.

Vary the workload to try out different Symphony workload conditions.

This client/service was developed using Symphony Developer Edition APIs.

exception caught ... Domain <SOAM>: Unable to contact the IBM Platform Symphony system at "host.cn.ibm.com:53278". It is likely that there is either a network problem or the SOA Middleware is not running. Ensure that the SOA Middleware services have been started. It is also possible that the session manager servicing this application has exceeded its number of client and service connections and has rejected the client connection. Check the session manager log to confirm this issue and try connecting again at a later time when the session manager is not as busy. Additional Details: system error code <10049>, system error description <The requested address is not valid in its context>.

How to Resolve

Refer to the following steps to make your application work.

1. Shut down DE.
2. Edit \$SOAM_HOME/conf/vem_resource.conf and replace keyword "localhost" with your host name.
3. Start DE and run your application again.

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