Installing Broker Stubs under OpenVMS

This chapter covers the following topics:

- Prerequisites

- Installation Steps

- Installation Verification

See also *Administration of Broker Stubs under OpenVMS*.

Prerequisites

The following prerequisites apply to the EntireX package on OpenVMS:

- HP Integrity Server

- OpenVMS 8.3-1H1, Update V8.0

- OpenVMS 8.4, Update V6.0

- HP TCP/IP Services for OpenVMS

- HP SSL V1.4-334

Installation Steps

≫ **To install EntireX under OpenVMS**

1. Mount the CD-ROM.

2. Check whether the logical sag$root is set. If not, define sag$root as concealed device to the directory used for installing Software AG products. Example:

   ```
   DEFINE/TRANSLATION_ATTRIBUTES=CONCEALED SAG$ROOT  SAG$DEVICE:[SAG.]
   ```

3. Restore the delivered EntireX backup saveset to sag$root directory. The backup saveset can be found in the *VMS* subdirectory of the CD-ROM. Example:

   ```
   BACKUP/LOG  CD-DEVICE:[VMS]EXX_V8020.BCK/SAVE  SAG$DEVICE:[SAG...]*.*
   ```

4. Change the default directory to "sag$root:[exx.v802.install]".

5. Run the installation script `install.com`.

   - The file `SAG$ROOT:[EXX]login.com` is created.

   - Environment files are created in *SAG$ROOT:[EXX.V802.INSTALL]*.

6. To set the environment, execute either `SAG$ROOT:[EXX]LOGIN.COM` or `SAG$ROOT:[EXX.V802.INSTALL]EXXENV.COM`.

Installation Verification

This section assumes you have installed EntireX Broker on the target node and it is up and running.

≫ **To verify the installation of the EntireX package on OpenVMS**

1. Start up two user sessions.

2. To ensure that the environment has been setup, enter the commands:

   ```
   SHOW LOGICAL ETBLNK
   SHOW LOGICAL EXX$LIBRARY
   SHOW LOGICAL EXX$EXAMPLES
   SHOW LOGICAL EXXDIR
   SHOW SYMBOL EXXVERS
   ```

3. Run the setup procedure `@EXX$EXAMPLES:SETUP_EXAMPLES.COM` on both user sessions.

4. Run the following two example programs, one on each of the user sessions.

   ```
   bcos -i<REPEATS> -b<BROKER-ID> -2
   bcoc -i<REPEATS> -b<BROKER-ID> -2
   ```

Verification Example

In the following example, both programs are run on the local node, using two user sessions. The `BROKER-ID` is a combination of the hostname (where the EntireX broker is running) and the port number. The `REPEATS` value is 100. The value "-2" indicates that the Broker is Version 2.1.1 or above.

```
bcos -i100 -bhost1:1971 -2
bcoc -i100 -bhost1:1971 -2
```

The `BROKER-ID` should be set up as a TCP/IP service. For an example of how to set up this service, see `EXXDIR:[v802.bin]set_service.com`.