

# **webMethods EntireX**

## **Installing EntireX under z/VSE**

Version 10.9

April 2023

This document applies to webMethods EntireX Version 10.9 and all subsequent releases.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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## Document Conventions

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Convention	Description
<b>Bold</b>	Identifies elements on a screen.
Monospace font	Identifies service names and locations in the format <code>folder.subfolder.service</code> , APIs, Java classes, methods, properties.
<i>Italic</i>	Identifies:  Variables for which you must supply values specific to your own situation or environment. New terms the first time they occur in the text. References to other documentation sources.
Monospace font	Identifies:  Text you must type in. Messages displayed by the system. Program code.
{ }	Indicates a set of choices from which you must choose one. Type only the information inside the curly braces. Do not type the { } symbols.
	Separates two mutually exclusive choices in a syntax line. Type one of these choices. Do not type the   symbol.
[ ]	Indicates one or more options. Type only the information inside the square brackets. Do not type the [ ] symbols.
...	Indicates that you can type multiple options of the same type. Type only the information. Do not type the ellipsis (...).

## Online Information and Support

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### Product Documentation

You can find the product documentation on our documentation website at <https://documentation.softwareag.com>.

In addition, you can also access the cloud product documentation via <https://www.software-ag.cloud>. Navigate to the desired product and then, depending on your solution, go to “Developer Center”, “User Center” or “Documentation”.

### Product Training

You can find helpful product training material on our Learning Portal at <https://knowledge.softwareag.com>.

## Tech Community

You can collaborate with Software AG experts on our Tech Community website at <https://tech-community.softwareag.com>. From here you can, for example:

- Browse through our vast knowledge base.
- Ask questions and find answers in our discussion forums.
- Get the latest Software AG news and announcements.
- Explore our communities.
- Go to our public GitHub and Docker repositories at <https://github.com/softwareag> and <https://hub.docker.com/publishers/softwareag> and discover additional Software AG resources.

## Product Support

Support for Software AG products is provided to licensed customers via our Empower Portal at <https://empower.softwareag.com>. Many services on this portal require that you have an account. If you do not yet have one, you can request it at <https://empower.softwareag.com/register>. Once you have an account, you can, for example:

- Download products, updates and fixes.
- Search the Knowledge Center for technical information and tips.
- Subscribe to early warnings and critical alerts.
- Open and update support incidents.
- Add product feature requests.

## Data Protection

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Software AG products provide functionality with respect to processing of personal data according to the EU General Data Protection Regulation (GDPR). Where applicable, appropriate steps are documented in the respective administration documentation.

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# 2 Installing EntireX under z/VSE

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**Note:** Support for EntireX Broker and RPC servers under z/VSE ended on 31 October 2020 for all EntireX versions (including version 9.6, the last released version on z/VSE). See *Features Dropped in Version 10.7*.

## Installing Broker Security for Broker Stubs

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This section describes the steps for installing EntireX Security for Broker stubs under z/VSE.

- [Step 1: Relink the Stub Modules or your Application for Use with External Security](#)
- [Step 2: Rename SECUEXIO](#)

The delivered phases `BKIMB.PHASE` and `BKIMC.PHASE` are linked for use with internal security, which requires an application to use ACI version 8 or above. If you are running your application at ACI version 7 or below, the steps above are required to install EntireX Security for the Broker stubs in all environments where applications execute. These steps are *not* required if you are running your application at ACI version 8 or above.

### Step 1: Relink the Stub Modules or your Application for Use with External Security

To enable external security, relink the stub modules `BKIMB.PHASE`, and `BKIMC.PHASE` (and your application if it does not dynamically load the stub).

Additionally include the following objects:

- `ETBUEVA`
- `ETBUPRE`
- `ETBVPRE`
- `ETBVEVA`
- `ETBENC`
- `ETBTTP`

The following job control is delivered and may be used for relinking the various stub modules:

- `BKIMB.J`
- `BKIMC.J`

Additionally, a detailed description of how to link the stubs and your application can be found under *Administering Broker Stubs under z/VSE*.

## Step 2: Rename SECUEXIO

Rename the phase SECUEXIO.PHASE in library EXX960 to SECUEXIT.PHASE.

## Installing the CICS Socket Listener

Execute job CICSDEF.J in sublibrary EXP960. This will create all relevant CSD entries for the CICS Socket Listener. This job:

- installs the load modules EXXRFEC, EXXRFECX, EXXRFECU, EXXRFECA and EXXRFECs
- creates the following CICS CSD definitions:
  - program definitions for the load modules EXXRFEC, EXXRFECX, EXXRFECU, EXXRFECA and EXXRFECs, where definition for EXXRFECs needs EXECKEY(CICS)
  - transaction XRFE, which is the standard transaction name that can be maintained with the RPC Server or Adapter configuration. If you need to change this CSD entry default, you also need to adapt the configuration parameter CICS transaction ID. More information:
    - if you are using the EntireX Adapter, see *Connection Parameters for CICS Socket Listener Connections*
    - if you are using the RPC Server for CICS Socket Listener, see *Configuring an RPC Server Instance > CICS* using the Command Central GUI | Command Line

### ➤ To run the CICS programs in a separate user transaction

- 1 Define your user transaction ID in the RPC Server for CICS Socket Listener, for example:

```
cics.sl.user.transaction.id=UTSK
```

For more information see *Configuring the CICS Socket Listener Side* in the RPC Server for CICS Socket Listener documentation.

- 2 Create the CSD for the user transaction ID.
- 3 In this CSD definition, specify EXXRFECU for the PROGRAM attribute. To define, for example, UTSK as user transaction ID, use the following commands:

```
DEFINE TRANSACTION(UTSK) GROUP(...)
DESCRIPTION(CICS Socket Listener user transaction)
PROGRAM(EXXRFECU)
```

