Message Class 0008 - EntireX ACI - Security Error

The following messages are returned by EntireX Broker after a security violation is detected by EntireX Security; Lightweight USRSEC; or the sample - that is, user-defined - security module USRSEC. This message class indicates that the security system rejected the intended action. The specific error is given as the message number in the last four bytes of the message code. The messages have the format:

0008*nnnn*

where 0008 is the message class, and

nnnn are the message numbers grouped as follows:
0001-0999: EntireX Security
1000-1999: Lightweight USRSEC
2000-2999: Sample security module USRSEC

This document covers the following topics:

- EntireX Security Messages

- Security Return Code

- Messages for Sample Security Module USRSEC

EntireX Security Messages

Overview of Messages

```
00080001 | 00080002 | 00080003 | 00080004 | 00080005 | 00080006 |
00080007 | 00080008 | 00080009 | 00080010 | 00080011 | 00080012 |
00080013 | 00080024 | 00080043 | 00080044 | 00080045 | 00080048 |
00080049 | 00080254 | 00080255 | 00080350 | 00080351 | 00080352 |
00080353 | 00080400 | 00080401 | 00080402 | 00080404 | 00080405 |
00080406 | 00080407 | 00080408 | 00080409 | 00080604
```

00080001   **Access denied ext. security not active**

Explanation   Security system not active: no authorization could be determined. Access denied.

Action   Contact administrator of SAF security system.

00080002   **Access denied user profile not defined**

Explanation   User profile not defined to security system: access denied.

00080003   **Access denied password not authorized**

Explanation   User has supplied incorrect password: access denied.

00080004   **Access denied password expired**

Explanation   User's password has expired.

Action   Supply existing and new password. Successful access will result in password change.

00080005   **Access denied, new password invalid**

Explanation   User has supplied an invalid new password: access denied.

Action   Consult your site-specific rules governing passwords.

00080006   **Access denied, rejected by inst. exit**

Explanation   User access rejected by installation exit: access denied.

Action   Determine whether your site specifies security rules.

00080007   **Access denied, user ID revoked**

Explanation   User's access has been revoked - possible because of too many unsuccessful attempts: access denied.

Action   Request user ID to be reset.

00080008   **Access denied at this time date**

Explanation   User is denied access at this time/date: access denied.

Action   Contact security administrator to ensure that correct privileges are defined.

00080009   **Access denied resource not allowed**

Explanation   User is not permitted access to this resource: access denied.

Action   Contact security administrator to ensure that correct privileges are defined.

00080010　　　　　　**Access denied resource not defined**

Explanation　　　　Resource not defined to security system: access denied.

Action　　　　Contact security administrator to ensure that correct privileges are defined.

00080011　　　　**Access denied, IP address not allowed**

Explanation　　Users are not permitted to execute the application at the IP address where they is currently located. This applies only where IP address authorization is enabled.

Action　　　　Contact security administrator to ensure that correct privileges are defined.

00080012　　　　**Access denied, IP address not defined**

Explanation　　The IP address where the user is currently located is not defined to the security system. This applies only where IP address authorization is enabled.

Action　　　　Contact security administrator to ensure that correct privileges are defined.

00080013　　　　**Access Denied to application (APPL)**

Explanation　　The user is not authorized to use the application that was defined with security-specific broker attribute `APPLICATION‑NAME`. See `APPLICATION-NAME` under *Broker Attributes*.

Action　　　　Ask your security administrator for permission to access the broker.

00080024　　　　**ETBUPRE: Unresolved V-CON**

Explanation　　The security function in the Broker stub was unable to locate the SAFCFG module for processing security settings.

Action　　　　Assemble and link the SAFCFG module as described in the z/OS installation documentation. See *Installing EntireX Security for Applications using Broker Stubs*.

00080043　　　　　　　　　　**Unable to initialize**

Explanation　　　　　　　　Internal error occurred.

Action　　　　　　　　Contact Software AG support.

00080044 **Invalid ENCRYPTION-LEVEL value**

Explanation Application must supply values 0 | 1 | 2 in ACI field `ENCRYPTION-LEVEL`.

Action Correct the application.

00080045 **Invalid `CREDENTIALS-TYPE` value**

Explanation The application has supplied an incorrect value in ACI field `CREDENTIALS-TYPE`.

Action Correct the application.

00080048 **Access denied, invalid credentials**

Explanation User credentials are invalid.

Action Correct user credentials.

00080049 **Invalid AUTHENTICATION-TYPE value**

Explanation The value of this parameter supplied in the Broker attribute file is incorrect.

Action Correct attribute file parameter `AUTHENTICATION-TYPE`.

00080254 **Access denied SAF returns: xxxxxxxx**

Explanation SAF returns RACROUTE error codes: SSSSSSSS.

Action Determine cause of error using information listed below.

00080255 **Access denied SAF interface error xx(yy)**

Explanation Security returns error code xx(yy).

Action Inform Software AG support.

00080350 **Bad user ID detected, access denied**

Explanation Either the user has not been defined, or the password does not match.

Action Verify the specified user ID / password for the `LOGON` command

00080351   **Access Denied RPC lib/pgm not converted**

Explanation   Internal error occurred performing Client RPC Authorization.

Action   Contact Software AG support.

00080352   **Access Denied Reconnect requires UID/PWD**

Explanation   Application has attempted to transfer control to a different thread, or process, without correctly transferring the necessary values of USER-ID, TOKEN and STOKEN.

Action   The application transferring control must make values of USER-ID, TOKEN and STOKEN available to the application which is delegated to continue thread of execution.

00080353   **Access Denied Bad STOKEN: UID/PWD needed**

Explanation   Application has not correctly maintained the value of security token (STOKEN) in the EntireX Broker control block structure.

Action   The application must maintain the value of STOKEN in order to securely communicate with Broker kernel without sending PASSWORD with each command.

00080400   **Unable to load library exxauthr**

Explanation   If EntireX Security is enabled and the default user exit library usrsec is used, the additional library exxauthr must also be enabled.

Action   Check your installation.

00080401   **Service not defined, access denied**

Explanation   Access denied by broker attribute setting AUTHORIZATIONDEFAULT=NO.

Action   Check the broker attribute files and amend the entries for AUTHORIZATIONRULE and AUTHORIZATIONDEFAULT.

00080402   **User not authorized for this service**

Explanation   The user is not authorized to send a request to the specified service.

Action   Check the list of defined users for this service (mainframe: EntireX SAF-based Security; UNIX/Windows: System Management Hub Agent "Authorization Rules".

00080404   **Broker Security Server not running**

Explanation   The Broker Security Server for BS2000/OSD is not started.

Action   Start the Broker Security Server.

00080405   **Broker Security Server not ready**

Explanation   EntireX Broker could connect to the EntireX BS2000/OSD Security Server, but found the Server in status inactive.

Action   Verify whether the Security Server task started correctly.

00080406   **Broker Security Server timeout**

Explanation   The Broker Security Server did not respond.

Action   Verify whether the Security Server task started correctly. A Security Server trace may help to identify the problem.

00080407   **Authentication failed**

Explanation   Either the user ID is not defined or the password does not match.

Action   Supply a valid user ID and password. A Security Server trace may be turned on to identify the exact reason why the authentication failed.

00080408   **Access denied, invalid credentials**

Explanation   User credentials are invalid.

Action   Correct user credentials.

00080409   **Invalid AUTHENTICATION-TYPE value**

Explanation   The value of this parameter supplied in the Broker attribute file is incorrect.

Action   Correct attribute file parameter AUTHENTICATION-TYPE.

00080604   **STUB: Snd length too long for encryption**

Explanation   The Assembler-written stubs support encryption only where the send buffer is less than
approximately 32 KB of data. If encryption is requested and the send length is greater
than 32 KB, the command cannot be processed by the stub and a response is given.

Action   Do not specify encryption where the length of the send buffer is greater than 32 KB.

Security Return Code

ACI error code 00080254 returned to the application indicates an unexpected response from SAF. This
information is also shown in the Broker kernel trace when the appropriate trace level settings are applied.
This message will contain the following bytes. *SSSSSSSS* in the documentation.

The hexadecimal return/reason code structure contains the following information:

Position within message code	Information content
Byte: 1	SAF return code
Byte: 2	Not used
Byte: 3	Return code from security system, for example RACF
Byte: 4	Reason code from security system, for example RACF

Messages for Sample Security Module USRSEC

Overview of Messages

```
00082004 | 00082008 | 00082012 | 00082016 | 00082020 | 00082024 |
00082028 | 00082032 | 00082036 | 00082052 | 00082300 | 00082301 |
00082352 | 00082353 | 00082999
```

00082004   **Invalid Userid/Password combination**

Explanation   Either the user has not been defined, or the password does not match.

Action   Verify the specified user ID / password for the LOGON command.

00082008   **Invalid Userid/Password combination**

Explanation   Either the user has not been defined, or the password does not match.

Action   Verify the specified user ID / password for the LOGON command.

00082012   **Password expired and no new password**

Explanation   User's password has expired.

Action   Supply previous and new password.

00082016   **Invalid new Password**

Explanation   User has supplied an invalid new password: access denied.

Action   Consult your site-specific rules governing passwords.

00082020   **Userid not defined to specified group**

Explanation   User is not permitted access to this resource: access denied.

Action   Contact security administrator to ensure that correct privileges are defined.

00082024   **Access failed by installation exit**

Explanation   User access rejected by installation exit: access denied.

Action   Determine whether your site specifies security rules.

00082028   **System access has been revoked**

Explanation   User's access has been revoked - possibly because of too many unsuccessful attempts.

Action   Request user ID to be reset.

00082032   **RACF is not active**

Explanation   Security system not active: no authorization could be determined. Access denied.

Action   Contact administrator of SAF security system.

00082036   **Default group access has been revoked**

Explanation   User's group access has been revoked.

Action   Contact administrator of SAF security system.

00082052   **Application access is not authorized**

Explanation   User does not have authorization to access this application.

Action   Contact administrator of SAF security system.

00082300   **Invalid interface version**

Explanation   An invalid version of the security interface was detected.

Action   Contact Software AG support.

00082301   **Invalid interface type**

Explanation   An invalid security interface type was detected.

Action   Contact Software AG support.

00082352   **Reconnection rejected**

Explanation   An invalid security token was detected during a reconnect attempt.

Action   Reconnection is not possible for this session. Log off and log on again.

00082353   **STOKEN mismatch, LOGOFF/LOGON needed**

Explanation   An invalid security token was detected.

Action   Log off and log on again.

00082999   **Work area too small**

Explanation   Unable to obtain required storage for security work area.

Action   Check for system storage problems.