



# BEA Tuxedo

## System Messages LIBSEC Catalog

BEA Tuxedo Release 7.1  
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### **BEA Tuxedo System Messages LIBSEC Catalog**

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# LIBSEC Messages 0-99

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- 1 ERROR: Unknown hash algorithm *algorithm-id***

**Description** An unknown hash algorithm was found on a certificate. The algorithm identifier is *algorithm-id*.

**Action** Contact BEA Customer Support.
- 2 ERROR: Unable to digest message *errorcode***

**Description** The system was unable to digest a certificate. The error code was *errorcode*.

**Action** Contact BEA Customer Support.
- 3 ERROR: Unable to decrypt digest *errorcode***

**Description** The system was unable to decrypt the digest value of a certificate. The error code was *errorcode*.

**Action** Contact BEA Customer Support.
- 4 ERROR: Unable to parse digest information *errorcode***

**Description** The system was unable to parse information contained in the encrypted digest of a certificate. The error code was *errorcode*.

**Action** Contact BEA Customer Support.
- 5 ERROR: Unable to acquire cache mutex (*function-name/errorcode*)**

**Description** While attempting to encrypt or decrypt a message, the system was unable to acquire a mutex. The function this occurred in was *function-name*, and the error code was *errorcode*.

**Action** Contact BEA Customer Support.
- 6 ERROR: Unable to release cache mutex (*function-name/errorcode*)**

**Description** While attempting to encrypt or decrypt a message, the system was unable to release a mutex. The function this occurred in was *function-name*, and the error code was *errorcode*.

**Action** Contact BEA Customer Support.
- 7 INFO: Setting cache size of sealers to *cache-size***

**Description** A cache of sealer information is maintained by the system. This cache size can be modified with the EVSEALERCACHESIZE environment variable. This message indicates that a new cache size has been set to *cache-size*. The default cache size is twenty.

**Action** None.
- 8 INFO: Setting cache size of signers to *val***

**Description** A cache of signer information is maintained by the system. This cache size can be modified with the EVSIGNERCACHESIZE environment variable. This message indicates that a new cache size has been set to *cache-size*. The default cache size is twenty.

**Action** None.
- 9 INFO: Setting cache size of signer/sealer information to *val***

**Description** A cache of pkcs7 information is maintained by the system. This cache size can be modified with the EVSSCACHESIZE environment variable. This message indicates that a new cache size has been set to *cache-size*. The default cache size is twenty.

**Action** None.
- 10 ERROR: Invalid return from implementation. *cds\_cert=0xcert-val, cds\_cert\_size=cert-size, cds\_principal\_name=0xname cds\_usage=0xusage***

**Description** The implementation of a plug-in function has returned an invalid certificate descriptor. The possible output fields in the certificate descriptor are *cert-val*, *cert-size*, *name* and *usage*.

**Action** Modify the code in the plug-in implementation to comply with the input/output criteria.

**See Also** `_ec_sec_cert_by_name`, `_ec_sec_cert_by_dsn`
- 11 ERROR: Proof mapping failure: *errorcode***

**Description** The plug-in method that maps configured names has returned a failure code of *errorcode*.

**Action** Ensure the plug-in function `_ec_sec_map_proof` does not return an error. If the BEA provided plug-in is installed, contact your BEA Customer Support.

**See Also** `_ec_sec_map_proof`, `_ec_sec_pki_init`

## 12 ERROR: Process initialization failure: *errorcode*

**Description** The plug-in public key initialization method has returned a failure code of *errorcode*.

**Action** Ensure the plug-in function `_ec_sec_pki_init` does not return an error. If the BEA provided plug-in is installed, contact your BEA Customer Support.

**See Also** `_ec_sec_map_proof`, `_ec_sec_pki_init`

## 13 ERROR: Could not find valid decryption key

**Description** An encrypted message was received by the system, but the system could not find a valid decryption key.

**Action** Ensure the process attempting to decrypt the message has a valid decryption key.

**See Also** `tpkey_open`, `_ec_sec_key_open_private_key`

## 14 ERROR: No license for signature verification or generation

**Description** There is no installed license for signature verification or generation.

**Action** Install a proper signature license. If you believe you have a valid license for public key signatures, contact BEA Customer Support.

## 15 ERROR: No license for public key encryption or decryption

**Description** There is no installed license for public key encryption or decryption.

**Action** Install a proper public key encryption license. If you believe you have a valid license for public key encryption, contact BEA Customer Support.

## 16 ERROR: Maximum certificate chain depth of *max-depth* exceeded

**Description** A certificate chain starts with a normal certificate (called a leaf) and ends with either an implicitly trusted certificate authority certificate or a self-signed certificate. Generally, these chains rarely exceed a depth of three or four. However, the system is attempting to access a chain greater than *max-depth* deep.

**Action** Ensure there is no security problem on the system where this error occurs. If there is a need to have a maximum chain depth greater than *max-depth*, the environment variable `EVMAXCERTDEPTH` can be set to the maximum depth of a certificate chain.

**See Also** `_ec_sec_cert_by_name`, `_ec_sec_cert_by_dsn`, `_ec_sec_val_trust`

## 17 ERROR: Invalid return from implementation. Returned Private Key=*0xprivate-key*, *cds\_usage=0xusage*

**Description** The implementation of a plug-in function has returned an invalid private key. The possible output fields of the private key and associated certificate are *private-key* and *usage*.

**Action** Modify the code in the plug-in implementation to comply with the input/output criteria.

**See Also** `_ec_sec_key_open_private_key`

## 18 ERROR: Invalid return from implementation. Returned Public Key=*0xpublic-key*, *cds\_usage=0xusage*

**Description** The implementation of a plug-in function has returned an invalid public key. The possible output fields of the public key and associated certificate are *public-key* and *usage*.

**Action** Modify the code in the plug-in implementation to comply with the input/output criteria.

**See Also** `_ec_sec_key_open_public_key`

## 19 ERROR: Invalid return from implementation. *cds\_usage=0xusage*

**Description** The implementation of a plug-in function has returned an invalid certificate descriptor. The invalid output field of the certificate descriptor is *usage*.

**Action** Modify the code in the plug-in implementation to comply with the input/output criteria.

**See Also** `_ec_sec_val_cert`

## 20 ERROR: Deadlock detected

**Description** The security system has detected an invalid access pattern of public keys. An example would be an attempt to change the property of a key while inside of a callback function. For example, it is invalid to call `tpkey_setinfo` from inside certain callback functions.

**Action** Ensure the code in the plug-in complies with the allowable access pattern of keys. Otherwise, Contact BEA Customer Support.

**See Also** `tpkey_setinfo`

## 21 ERROR: Memory allocation error in *function*, code *location*

**Description** An attempt to allocate memory with `malloc` in the security subsystem has failed. It failed in function *function*, at location *location*.

**Action** Check that your system has enough physical or virtual memory to complete the operation. If you believe your system has enough memory for the operation and that the `malloc` arena has not been corrupted by user code, contact BEA Customer Support.

**22 ERROR: Unable to realize the `_ec_sec_map_proof` interface implementation *val*. Error code (*val*)**

**Description** The registry was unable to properly realize an implementation for the `_ec_sec_map_proof` interface.

**Action** Ensure the registry is in a valid state. If the registry is valid and the implementation appears to be known to the system, contact your Customer Support.

**See Also** `epifregedt`, `epifreg`, `_ec_sec_map_proof`

**23 ERROR: Unable to realize the `_ec_sec_pki_init` interface implementation *val*. Error code (*val*)**

**Description** The registry was unable to properly realize an implementation for the `_ec_sec_pki_init` interface.

**Action** Ensure the registry is in a valid state. If the registry is valid and the implementation appears to be known to the system, contact your Customer Support.

**See Also** `epifregedt`, `epifreg`, `_ec_sec_pki_init`

**31 ERROR: Encryption keys cannot have conflicting algorithms (*alg1/alg2*) or bit sizes (*bit-size1/bit-size2*)**

**Description** Only one bulk data encryption algorithm can be used on a single message. If the buffer was marked with more than one algorithm or bit size, this error is raised. The conflicting algorithms are *alg1* and *alg2* or bit sizes *bit-size1* and *bit-size2*

**Action** Ensure that every message has only been marked with one encryption algorithm or bit strength.

**See Also** `tpkey_setinfo`, `tpseal`

**32 ERROR: Invalid return from `_ec_sec_cert_by_name` *error-code***

**Description** The implementation of the plug-in function `_ec_sec_cert_by_name` returned an unexpected error code of *error-code*.

**Action** Ensure that the registry has not been compromised. Contact your Security Provider Interface supplier and report the error. Contact your BEA Customer Support.

**See Also** `_ec_sec_cert_by_name`

**33 ERROR: Invalid return from `_ec_sec_cert_by_dsn` *error-code***

**Description** The implementation of the plug-in function `_ec_sec_cert_by_dsn` returned an unexpected error code of *error-code*.

**Action** Ensure that the registry has not been compromised. Contact your Security Provider Interface supplier and report the error. Contact your BEA Customer Support.

**See Also** `_ec_sec_cert_by_dsn`

**34 ERROR: Invalid return from `_ec_sec_prs_get_principal` *error-code***

**Description** The implementation of the plug-in function `_ec_sec_prs_get_principal` returned an unexpected error code of *error-code*.

**Action** Ensure that the registry has not been compromised. Contact your Security Provider Interface supplier and report the error. Contact your BEA Customer Support.

**See Also** `_ec_sec_prs_get_principal`

**35 ERROR: Invalid return from `_ec_sec_prs_get_issuer` *error-code***

**Description** The implementation of the plug-in function `_ec_sec_prs_get_issuer` returned an unexpected error code of *error-code*.

**Action** Ensure that the registry has not been compromised. Contact your Security Provider Interface supplier and report the error. Contact your BEA Customer Support.

**See Also** `_ec_sec_prs_get_issuer`

**36 ERROR: Invalid return from `_ec_sec_val_cert` *error-code***

**Description** The implementation of the plug-in function `_ec_sec_val_cert` returned an unexpected error code of *error-code*.

**Action** Ensure that the registry has not been compromised. Contact your Security Provider Interface supplier and report the error. Contact your BEA Customer Support.

**See Also** `_ec_sec_val_cert`

**37 ERROR: Invalid return from `_ec_sec_val_trust` *error-code***

**Description** The implementation of the plug-in function `_ec_sec_val_trust` returned an unexpected error code of *error-code*.

**Action** Ensure that the registry has not been compromised. Contact your Security Provider Interface supplier and report the error. Contact your BEA Customer Support.

**See Also** `_ec_sec_val_trust`

**38 ERROR: Invalid return from `_ec_sec_key_open_private_key` error-code**

**Description** The implementation of the plug-in function `_ec_sec_key_open_private_key` returned an unexpected error code of *error-code*.

**Action** Ensure that the registry has not been compromised. Contact your Security Provider Interface supplier and report the error. Contact your BEA Customer Support.

**See Also** `_ec_sec_key_open_private_key`

**39 ERROR: Invalid return from `_ec_sec_key_open_public_key` error-code**

**Description** The implementation of the plug-in function `_ec_sec_key_open_public_key` returned an unexpected error code of *error-code*.

**Action** Ensure that the registry has not been compromised. Contact your Security Provider Interface supplier and report the error. Contact your BEA Customer Support.

**See Also** `_ec_sec_key_open_public_key`

**40 ERROR: Invalid return from `_ec_sec_key_copy_key` error-code**

**Description** The implementation of the plug-in function `_ec_sec_key_copy_key` returned an unexpected error code of *error-code*.

**Action** Ensure that the registry has not been compromised. Contact your Security Provider Interface supplier and report the error. Contact your BEA Customer Support.

**See Also** `_ec_sec_key_copy_key`

**41 ERROR: Invalid return from `_ec_sec_key_close` error-code**

**Description** The implementation of the plug-in function `_ec_sec_key_close` returned an unexpected error code of *error-code*.

**Action** Ensure that the registry has not been compromised. Contact your Security Provider Interface supplier and report the error. Contact your BEA Customer Support.

**See Also** `_ec_sec_key_close`

**42 ERROR: Invalid return from `_ec_sec_key_getinfo` error-code**

**Description** The implementation of the plug-in function `_ec_sec_key_getinfo` returned an unexpected error code of *error-code*.

**Action** Ensure that the registry has not been compromised. Contact your Security Provider Interface supplier and report the error. Contact your BEA Customer Support.

**See Also** `_ec_sec_key_getinfo`

**43 ERROR: Invalid return from `_ec_sec_key_setinfo` error-code**

**Description** The implementation of the plug-in function `_ec_sec_key_setinfo` returned an unexpected error code of *error-code*.

**Action** Ensure that the registry has not been compromised. Contact your Security Provider Interface supplier and report the error. Contact your BEA Customer Support.

**See Also** `_ec_sec_key_setinfo`

**44 ERROR: Invalid return from `_ec_sec_key_digest` error-code**

**Description** The implementation of the plug-in function `_ec_sec_key_digest` returned an unexpected error code of *error-code*.

**Action** Ensure that the registry has not been compromised. Contact your Security Provider Interface supplier and report the error. Contact your BEA Customer Support.

**See Also** `_ec_sec_key_digest`

**45 ERROR: Invalid return from `_ec_sec_key_encrypt_digest` error-code**

**Description** The implementation of the plug-in function `_ec_sec_key_encrypt_digest` returned an unexpected error code of *error-code*.

**Action** Ensure that the registry has not been compromised. Contact your Security Provider Interface supplier and report the error. Contact your BEA Customer Support.

**See Also** `_ec_sec_key_encrypt_digest`

**46 ERROR: Invalid return from `_ec_sec_key_decrypt_digest` error-code**

**Description** The implementation of the plug-in function `_ec_sec_key_decrypt_digest` returned an unexpected error code of *error-code*.

**Action** Ensure that the registry has not been compromised. Contact your Security Provider Interface supplier and report the error. Contact your BEA Customer Support.

**See Also** `_ec_sec_key_decrypt_digest`

**47 ERROR: Invalid return from `_ec_sec_key_encrypt_session_key` error-code**

**Description** The implementation of the plug-in function `_ec_sec_key_encrypt_session_key` returned an unexpected error code of *error-code*.

**Action** Ensure that the registry has not been compromised. Contact your Security Provider Interface supplier and report the error. Contact your BEA Customer Support.

**See Also** `_ec_sec_key_encrypt_session_key`

**48 ERROR: Invalid return from `_ec_sec_key_decrypt_session_key` error-code**

**Description** The implementation of the plug-in function `_ec_sec_key_decrypt_session_key` returned an unexpected error code of *error-code*.

**Action** Ensure that the registry has not been compromised. Contact your Security Provider Interface supplier and report the error. Contact your BEA Customer Support.

**See Also** `_ec_sec_key_decrypt_session_key`

**49 ERROR: Unable to acquire credentials. Error code *val1*, minor\_status *val2***

**Description** The system was unable to acquire credentials for a process attempting to log in to the system. The error code *val1* is an engine error code, while *val2* is the minor status, as defined by the GSSAPI. Where two BEA TUXEDO Release 7.1 applications are communicating through GWTDOMAIN (domain gateway) processes, and both are using the default authentication plug-ins, a mismatch between the CONNECTION\_PRINCIPAL\_NAME parameter and the the DOMAINID parameter for the local domain access point can prevent the local domain gateway process from booting.

**Action** For BEA TUXEDO Release 7.1 applications communication through a GWTDOMAIN process and using the default authentication plug-ins, ensure that the CONNECTION\_PRINCIPAL\_NAME parameter for the local domain access point (as defined in the DM\_LOCAL\_DOMAINS section of the local DMCONFIG file) is the same as the DOMAINID parameter for the local domain access point. You may need to consult with your AAA security provider. If you are using the default AAA security provider provided by BEA Systems, then contact BEA Customer Support.

**50 ERROR: Unable to process pkcs7 packaged data (*val1/val2/val3*)**

**Description** The system was attempting to process data packaged as ASN.1 type PKCS7. A failure was encountered during the decoding process.

**Action** Contact BEA Customer Support. Be sure to have *val1*, *val2* and *val3* to give to the support person.

**51 ERROR: Unable to resolve interception sequence (*val*)**

**Description** The auditing fan-out implementation could not discover the list of intercepting implementations.

**Action** Contact BEA Customer Support. Be sure to have *val* to give to the support person.

**52 ERROR: Unable to allocate array of *val* handles**

**Description** A call to calloc failed while attempting to allocate an array of *val* handles.

**Action** Check that your system has enough physical or virtual memory to complete the operation. If you believe your system has enough memory for the operation and that the malloc arena has not been corrupted by user code, contact BEA Customer Support.

**53 ERROR: Unable to resolve interception sequence (*val*)**

**Description** The auditing fan-out implementation could not discover the list of intercepting implementations.

**Action** Contact BEA Customer Support. Be sure to have *val* to give to the support person.

**54 ERROR: Unable to resolve interception sequence (*val*)**

**Description** The public key initialization fan-out implementation could not discover the list of intercepting implementations.

**Action** Contact BEA Customer Support. Be sure to have *val* to give to the support person.

**55 ERROR: Unable to resolve interception sequence (*val*)**

**Description** The public key validation fan-out implementation could not discover the list of intercepting implementations.

**Action** Contact BEA Customer Support. Be sure to have *val* to give to the support person.

**56 ERROR: Unable to resolve interception sequence (*val*)**

**Description** The public key validation fan-out implementation could not discover the list of intercepting implementations.

**Action** Contact BEA Customer Support. Be sure to have *val* to give to the support person.