| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/security/NoSuchProviderException.html) | **Use** | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/security//class-useNoSuchProviderException.html)    [**NO FRAMES**](http://docs.google.com/NoSuchProviderException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**java.security.NoSuchProviderException**

| Packages that use [NoSuchProviderException](http://docs.google.com/java/security/NoSuchProviderException.html) | |
| --- | --- |
| [**java.security**](#3znysh7) | Provides the classes and interfaces for the security framework. |
| [**java.security.cert**](#2et92p0) | Provides classes and interfaces for parsing and managing certificates, certificate revocation lists (CRLs), and certification paths. |
| [**javax.crypto**](#tyjcwt) | Provides the classes and interfaces for cryptographic operations. |
| [**javax.net.ssl**](#3dy6vkm) | Provides classes for the secure socket package. |
| [**javax.security.auth.login**](#1t3h5sf) | This package provides a pluggable authentication framework. |
| [**javax.security.cert**](#4d34og8) | Provides classes for public key certificates. |
| [**javax.xml.crypto.dsig**](#2s8eyo1) | Classes for generating and validating XML digital signatures. |
| [**javax.xml.crypto.dsig.keyinfo**](#17dp8vu) | Classes for parsing and processing [KeyInfo](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/KeyInfo.html) elements and structures. |

| Uses of [NoSuchProviderException](http://docs.google.com/java/security/NoSuchProviderException.html) in [java.security](http://docs.google.com/java/security/package-summary.html) | |
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| Methods in [java.security](http://docs.google.com/java/security/package-summary.html) that throw [NoSuchProviderException](http://docs.google.com/java/security/NoSuchProviderException.html) | |
| --- | --- |
| static [Policy](http://docs.google.com/java/security/Policy.html) | **Policy.**[**getInstance**](http://docs.google.com/java/security/Policy.html#getInstance(java.lang.String,%20java.security.Policy.Parameters,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) type, [Policy.Parameters](http://docs.google.com/java/security/Policy.Parameters.html) params, [String](http://docs.google.com/java/lang/String.html) provider)            Returns a Policy object of the specified type. |
| static [KeyPairGenerator](http://docs.google.com/java/security/KeyPairGenerator.html) | **KeyPairGenerator.**[**getInstance**](http://docs.google.com/java/security/KeyPairGenerator.html#getInstance(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) algorithm, [String](http://docs.google.com/java/lang/String.html) provider)            Returns a KeyPairGenerator object that generates public/private key pairs for the specified algorithm. |
| static [AlgorithmParameterGenerator](http://docs.google.com/java/security/AlgorithmParameterGenerator.html) | **AlgorithmParameterGenerator.**[**getInstance**](http://docs.google.com/java/security/AlgorithmParameterGenerator.html#getInstance(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) algorithm, [String](http://docs.google.com/java/lang/String.html) provider)            Returns an AlgorithmParameterGenerator object for generating a set of parameters to be used with the specified algorithm. |
| static [KeyFactory](http://docs.google.com/java/security/KeyFactory.html) | **KeyFactory.**[**getInstance**](http://docs.google.com/java/security/KeyFactory.html#getInstance(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) algorithm, [String](http://docs.google.com/java/lang/String.html) provider)            Returns a KeyFactory object that converts public/private keys of the specified algorithm. |
| static [KeyStore](http://docs.google.com/java/security/KeyStore.html) | **KeyStore.**[**getInstance**](http://docs.google.com/java/security/KeyStore.html#getInstance(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) type, [String](http://docs.google.com/java/lang/String.html) provider)            Returns a keystore object of the specified type. |
| static [Signature](http://docs.google.com/java/security/Signature.html) | **Signature.**[**getInstance**](http://docs.google.com/java/security/Signature.html#getInstance(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) algorithm, [String](http://docs.google.com/java/lang/String.html) provider)            Returns a Signature object that implements the specified signature algorithm. |
| static [AlgorithmParameters](http://docs.google.com/java/security/AlgorithmParameters.html) | **AlgorithmParameters.**[**getInstance**](http://docs.google.com/java/security/AlgorithmParameters.html#getInstance(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) algorithm, [String](http://docs.google.com/java/lang/String.html) provider)            Returns a parameter object for the specified algorithm. |
| static [MessageDigest](http://docs.google.com/java/security/MessageDigest.html) | **MessageDigest.**[**getInstance**](http://docs.google.com/java/security/MessageDigest.html#getInstance(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) algorithm, [String](http://docs.google.com/java/lang/String.html) provider)            Returns a MessageDigest object that implements the specified digest algorithm. |
| static [SecureRandom](http://docs.google.com/java/security/SecureRandom.html) | **SecureRandom.**[**getInstance**](http://docs.google.com/java/security/SecureRandom.html#getInstance(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) algorithm, [String](http://docs.google.com/java/lang/String.html) provider)            Returns a SecureRandom object that implements the specified Random Number Generator (RNG) algorithm. |

| Uses of [NoSuchProviderException](http://docs.google.com/java/security/NoSuchProviderException.html) in [java.security.cert](http://docs.google.com/java/security/cert/package-summary.html) | |
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| Methods in [java.security.cert](http://docs.google.com/java/security/cert/package-summary.html) that throw [NoSuchProviderException](http://docs.google.com/java/security/NoSuchProviderException.html) | |
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| static [CertStore](http://docs.google.com/java/security/cert/CertStore.html) | **CertStore.**[**getInstance**](http://docs.google.com/java/security/cert/CertStore.html#getInstance(java.lang.String,%20java.security.cert.CertStoreParameters,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) type, [CertStoreParameters](http://docs.google.com/java/security/cert/CertStoreParameters.html) params, [String](http://docs.google.com/java/lang/String.html) provider)            Returns a CertStore object that implements the specified CertStore type. |
| static [CertPathValidator](http://docs.google.com/java/security/cert/CertPathValidator.html) | **CertPathValidator.**[**getInstance**](http://docs.google.com/java/security/cert/CertPathValidator.html#getInstance(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) algorithm, [String](http://docs.google.com/java/lang/String.html) provider)            Returns a CertPathValidator object that implements the specified algorithm. |
| static [CertPathBuilder](http://docs.google.com/java/security/cert/CertPathBuilder.html) | **CertPathBuilder.**[**getInstance**](http://docs.google.com/java/security/cert/CertPathBuilder.html#getInstance(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) algorithm, [String](http://docs.google.com/java/lang/String.html) provider)            Returns a CertPathBuilder object that implements the specified algorithm. |
| static [CertificateFactory](http://docs.google.com/java/security/cert/CertificateFactory.html) | **CertificateFactory.**[**getInstance**](http://docs.google.com/java/security/cert/CertificateFactory.html#getInstance(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) type, [String](http://docs.google.com/java/lang/String.html) provider)            Returns a certificate factory object for the specified certificate type. |
| abstract  void | **X509CRL.**[**verify**](http://docs.google.com/java/security/cert/X509CRL.html#verify(java.security.PublicKey))([PublicKey](http://docs.google.com/java/security/PublicKey.html) key)            Verifies that this CRL was signed using the private key that corresponds to the given public key. |
| abstract  void | **Certificate.**[**verify**](http://docs.google.com/java/security/cert/Certificate.html#verify(java.security.PublicKey))([PublicKey](http://docs.google.com/java/security/PublicKey.html) key)            Verifies that this certificate was signed using the private key that corresponds to the specified public key. |
| abstract  void | **X509CRL.**[**verify**](http://docs.google.com/java/security/cert/X509CRL.html#verify(java.security.PublicKey,%20java.lang.String))([PublicKey](http://docs.google.com/java/security/PublicKey.html) key, [String](http://docs.google.com/java/lang/String.html) sigProvider)            Verifies that this CRL was signed using the private key that corresponds to the given public key. |
| abstract  void | **Certificate.**[**verify**](http://docs.google.com/java/security/cert/Certificate.html#verify(java.security.PublicKey,%20java.lang.String))([PublicKey](http://docs.google.com/java/security/PublicKey.html) key, [String](http://docs.google.com/java/lang/String.html) sigProvider)            Verifies that this certificate was signed using the private key that corresponds to the specified public key. |

| Uses of [NoSuchProviderException](http://docs.google.com/java/security/NoSuchProviderException.html) in [javax.crypto](http://docs.google.com/javax/crypto/package-summary.html) | |
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| Methods in [javax.crypto](http://docs.google.com/javax/crypto/package-summary.html) that throw [NoSuchProviderException](http://docs.google.com/java/security/NoSuchProviderException.html) | |
| --- | --- |
| static [Cipher](http://docs.google.com/javax/crypto/Cipher.html) | **Cipher.**[**getInstance**](http://docs.google.com/javax/crypto/Cipher.html#getInstance(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) transformation, [String](http://docs.google.com/java/lang/String.html) provider)            Returns a Cipher object that implements the specified transformation. |
| static [ExemptionMechanism](http://docs.google.com/javax/crypto/ExemptionMechanism.html) | **ExemptionMechanism.**[**getInstance**](http://docs.google.com/javax/crypto/ExemptionMechanism.html#getInstance(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) algorithm, [String](http://docs.google.com/java/lang/String.html) provider)            Returns an ExemptionMechanism object that implements the specified exemption mechanism algorithm. |
| static [KeyAgreement](http://docs.google.com/javax/crypto/KeyAgreement.html) | **KeyAgreement.**[**getInstance**](http://docs.google.com/javax/crypto/KeyAgreement.html#getInstance(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) algorithm, [String](http://docs.google.com/java/lang/String.html) provider)            Returns a KeyAgreement object that implements the specified key agreement algorithm. |
| static [KeyGenerator](http://docs.google.com/javax/crypto/KeyGenerator.html) | **KeyGenerator.**[**getInstance**](http://docs.google.com/javax/crypto/KeyGenerator.html#getInstance(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) algorithm, [String](http://docs.google.com/java/lang/String.html) provider)            Returns a KeyGenerator object that generates secret keys for the specified algorithm. |
| static [Mac](http://docs.google.com/javax/crypto/Mac.html) | **Mac.**[**getInstance**](http://docs.google.com/javax/crypto/Mac.html#getInstance(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) algorithm, [String](http://docs.google.com/java/lang/String.html) provider)            Returns a Mac object that implements the specified MAC algorithm. |
| static [SecretKeyFactory](http://docs.google.com/javax/crypto/SecretKeyFactory.html) | **SecretKeyFactory.**[**getInstance**](http://docs.google.com/javax/crypto/SecretKeyFactory.html#getInstance(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) algorithm, [String](http://docs.google.com/java/lang/String.html) provider)            Returns a SecretKeyFactory object that converts secret keys of the specified algorithm. |
| [PKCS8EncodedKeySpec](http://docs.google.com/java/security/spec/PKCS8EncodedKeySpec.html) | **EncryptedPrivateKeyInfo.**[**getKeySpec**](http://docs.google.com/javax/crypto/EncryptedPrivateKeyInfo.html#getKeySpec(java.security.Key,%20java.lang.String))([Key](http://docs.google.com/java/security/Key.html) decryptKey, [String](http://docs.google.com/java/lang/String.html) providerName)            Extract the enclosed PKCS8EncodedKeySpec object from the encrypted data and return it. |
| [Object](http://docs.google.com/java/lang/Object.html) | **SealedObject.**[**getObject**](http://docs.google.com/javax/crypto/SealedObject.html#getObject(java.security.Key,%20java.lang.String))([Key](http://docs.google.com/java/security/Key.html) key, [String](http://docs.google.com/java/lang/String.html) provider)            Retrieves the original (encapsulated) object. |

| Uses of [NoSuchProviderException](http://docs.google.com/java/security/NoSuchProviderException.html) in [javax.net.ssl](http://docs.google.com/javax/net/ssl/package-summary.html) | |
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| Methods in [javax.net.ssl](http://docs.google.com/javax/net/ssl/package-summary.html) that throw [NoSuchProviderException](http://docs.google.com/java/security/NoSuchProviderException.html) | |
| --- | --- |
| static [KeyManagerFactory](http://docs.google.com/javax/net/ssl/KeyManagerFactory.html) | **KeyManagerFactory.**[**getInstance**](http://docs.google.com/javax/net/ssl/KeyManagerFactory.html#getInstance(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) algorithm, [String](http://docs.google.com/java/lang/String.html) provider)            Returns a KeyManagerFactory object that acts as a factory for key managers. |
| static [SSLContext](http://docs.google.com/javax/net/ssl/SSLContext.html) | **SSLContext.**[**getInstance**](http://docs.google.com/javax/net/ssl/SSLContext.html#getInstance(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) protocol, [String](http://docs.google.com/java/lang/String.html) provider)            Returns a SSLContext object that implements the specified secure socket protocol. |
| static [TrustManagerFactory](http://docs.google.com/javax/net/ssl/TrustManagerFactory.html) | **TrustManagerFactory.**[**getInstance**](http://docs.google.com/javax/net/ssl/TrustManagerFactory.html#getInstance(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) algorithm, [String](http://docs.google.com/java/lang/String.html) provider)            Returns a TrustManagerFactory object that acts as a factory for trust managers. |

| Uses of [NoSuchProviderException](http://docs.google.com/java/security/NoSuchProviderException.html) in [javax.security.auth.login](http://docs.google.com/javax/security/auth/login/package-summary.html) | |
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| Methods in [javax.security.auth.login](http://docs.google.com/javax/security/auth/login/package-summary.html) that throw [NoSuchProviderException](http://docs.google.com/java/security/NoSuchProviderException.html) | |
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| static [Configuration](http://docs.google.com/javax/security/auth/login/Configuration.html) | **Configuration.**[**getInstance**](http://docs.google.com/javax/security/auth/login/Configuration.html#getInstance(java.lang.String,%20javax.security.auth.login.Configuration.Parameters,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) type, [Configuration.Parameters](http://docs.google.com/javax/security/auth/login/Configuration.Parameters.html) params, [String](http://docs.google.com/java/lang/String.html) provider)            Returns a Configuration object of the specified type. |

| Uses of [NoSuchProviderException](http://docs.google.com/java/security/NoSuchProviderException.html) in [javax.security.cert](http://docs.google.com/javax/security/cert/package-summary.html) | |
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| Methods in [javax.security.cert](http://docs.google.com/javax/security/cert/package-summary.html) that throw [NoSuchProviderException](http://docs.google.com/java/security/NoSuchProviderException.html) | |
| --- | --- |
| abstract  void | **Certificate.**[**verify**](http://docs.google.com/javax/security/cert/Certificate.html#verify(java.security.PublicKey))([PublicKey](http://docs.google.com/java/security/PublicKey.html) key)            Verifies that this certificate was signed using the private key that corresponds to the specified public key. |
| abstract  void | **Certificate.**[**verify**](http://docs.google.com/javax/security/cert/Certificate.html#verify(java.security.PublicKey,%20java.lang.String))([PublicKey](http://docs.google.com/java/security/PublicKey.html) key, [String](http://docs.google.com/java/lang/String.html) sigProvider)            Verifies that this certificate was signed using the private key that corresponds to the specified public key. |

| Uses of [NoSuchProviderException](http://docs.google.com/java/security/NoSuchProviderException.html) in [javax.xml.crypto.dsig](http://docs.google.com/javax/xml/crypto/dsig/package-summary.html) | |
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| Methods in [javax.xml.crypto.dsig](http://docs.google.com/javax/xml/crypto/dsig/package-summary.html) that throw [NoSuchProviderException](http://docs.google.com/java/security/NoSuchProviderException.html) | |
| --- | --- |
| static [XMLSignatureFactory](http://docs.google.com/javax/xml/crypto/dsig/XMLSignatureFactory.html) | **XMLSignatureFactory.**[**getInstance**](http://docs.google.com/javax/xml/crypto/dsig/XMLSignatureFactory.html#getInstance(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) mechanismType, [String](http://docs.google.com/java/lang/String.html) provider)            Returns an XMLSignatureFactory that supports the requested XML processing mechanism and representation type (ex: "DOM"), as supplied by the specified provider. |
| static [TransformService](http://docs.google.com/javax/xml/crypto/dsig/TransformService.html) | **TransformService.**[**getInstance**](http://docs.google.com/javax/xml/crypto/dsig/TransformService.html#getInstance(java.lang.String,%20java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) algorithm, [String](http://docs.google.com/java/lang/String.html) mechanismType, [String](http://docs.google.com/java/lang/String.html) provider)            Returns a TransformService that supports the specified algorithm URI (ex: [Transform.XPATH2](http://docs.google.com/javax/xml/crypto/dsig/Transform.html#XPATH2)) and mechanism type (ex: DOM) as supplied by the specified provider. |

| Uses of [NoSuchProviderException](http://docs.google.com/java/security/NoSuchProviderException.html) in [javax.xml.crypto.dsig.keyinfo](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/package-summary.html) | |
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| Methods in [javax.xml.crypto.dsig.keyinfo](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/package-summary.html) that throw [NoSuchProviderException](http://docs.google.com/java/security/NoSuchProviderException.html) | |
| --- | --- |
| static [KeyInfoFactory](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/KeyInfoFactory.html) | **KeyInfoFactory.**[**getInstance**](http://docs.google.com/javax/xml/crypto/dsig/keyinfo/KeyInfoFactory.html#getInstance(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) mechanismType, [String](http://docs.google.com/java/lang/String.html) provider)            Returns a KeyInfoFactory that supports the requested XML processing mechanism and representation type (ex: "DOM"), as supplied by the specified provider. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/java/security/NoSuchProviderException.html) | **Use** | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
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| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?java/security//class-useNoSuchProviderException.html)    [**NO FRAMES**](http://docs.google.com/NoSuchProviderException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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