```
provider: AndroidOpenSSL
type: SSLContext   algorithm: SSL
type: SSLContext   algorithm: SSLv3
type: SSLContext   algorithm: TLS
type: SSLContext   algorithm: TLSv1
type: SSLContext   algorithm: TLSv1.1
type: SSLContext   algorithm: TLSv1.2
type: SSLContext   algorithm: Default
type: MessageDigest   algorithm: SHA-1
type: MessageDigest   algorithm: SHA-224
type: MessageDigest   algorithm: SHA-256
type: MessageDigest   algorithm: SHA-384
type: MessageDigest   algorithm: SHA-512
type: MessageDigest   algorithm: MD5
type: KeyPairGenerator   algorithm: RSA
type: KeyPairGenerator   algorithm: DH
type: KeyPairGenerator   algorithm: DSA
type: KeyPairGenerator   algorithm: EC
type: KeyFactory   algorithm: RSA
type: KeyFactory   algorithm: DH
type: KeyFactory   algorithm: DSA
type: KeyFactory   algorithm: EC
type: KeyAgreement   algorithm: ECDH
type: Signature   algorithm: MD5WithRSA
type: Signature   algorithm: SHA1WithRSA
type: Signature   algorithm: SHA224WithRSA
type: Signature   algorithm: SHA256WithRSA
type: Signature   algorithm: SHA384WithRSA
type: Signature   algorithm: SHA512WithRSA
type: Signature   algorithm: SHA1withDSA
type: Signature   algorithm: NONEwithRSA
type: Signature   algorithm: ECDSA
type: Signature   algorithm: SHA224withECDSA
type: Signature   algorithm: SHA256withECDSA
type: Signature   algorithm: SHA384withECDSA
type: Signature   algorithm: SHA512withECDSA
type: SecureRandom   algorithm: SHA1PRNG
type: Cipher   algorithm: RSA/ECB/NoPadding
type: Cipher   algorithm: RSA/ECB/PKCS1Padding
type: Cipher   algorithm: AES/ECB/NoPadding
type: Cipher   algorithm: AES/ECB/PKCS5Padding
type: Cipher   algorithm: AES/CBC/NoPadding
type: Cipher   algorithm: AES/CBC/PKCS5Padding
type: Cipher   algorithm: AES/CFB/NoPadding
type: Cipher   algorithm: AES/CTR/NoPadding
type: Cipher   algorithm: AES/OFB/NoPadding
type: Cipher   algorithm: DESEDE/ECB/NoPadding
type: Cipher   algorithm: DESEDE/ECB/PKCS5Padding
type: Cipher   algorithm: DESEDE/CBC/NoPadding
type: Cipher   algorithm: DESEDE/CBC/PKCS5Padding
type: Cipher   algorithm: DESEDE/CFB/NoPadding
type: Cipher   algorithm: DESEDE/OFB/NoPadding
type: Cipher   algorithm: ARC4
type: Mac   algorithm: HmacMD5
type: Mac   algorithm: HmacSHA1
type: Mac   algorithm: HmacSHA224
type: Mac   algorithm: HmacSHA256
```

```
type: Mac   algorithm: HmacSHA384
type: Mac   algorithm: HmacSHA512
type: CertificateFactory   algorithm: X509
provider: BC
type: MessageDigest   algorithm: MD5
type: Mac   algorithm: HMACMD5
type: KeyGenerator   algorithm: HMACMD5
type: MessageDigest   algorithm: SHA-1
type: Mac   algorithm: HMACSHA1
type: KeyGenerator   algorithm: HMACSHA1
type: Mac   algorithm: PBEWITHHMACSHA
type: Mac   algorithm: PBEWITHHMACSHA1
type: SecretKeyFactory   algorithm: PBEWITHHMACSHA1
type: SecretKeyFactory   algorithm: PBKDF2WithHmacSHA1
type: SecretKeyFactory   algorithm: PBKDF2WithHmacSHA1And8BIT
type: MessageDigest   algorithm: SHA-224
type: Mac   algorithm: HMACSHA224
type: KeyGenerator   algorithm: HMACSHA224
type: MessageDigest   algorithm: SHA-256
type: Mac   algorithm: HMACSHA256
type: KeyGenerator   algorithm: HMACSHA256
type: MessageDigest   algorithm: SHA-384
type: Mac   algorithm: HMACSHA384
type: KeyGenerator   algorithm: HMACSHA384
type: MessageDigest   algorithm: SHA-512
type: Mac   algorithm: HMACSHA512
type: KeyGenerator   algorithm: HMACSHA512
type: AlgorithmParameters   algorithm: PKCS12PBE
type: AlgorithmParameters   algorithm: AES
type: AlgorithmParameters   algorithm: GCM
type: Cipher   algorithm: AES
type: Cipher   algorithm: AESWRAP
type: Cipher   algorithm: GCM
type: KeyGenerator   algorithm: AES
type: Cipher   algorithm: PBEWITHSHAAND128BITAES-CBC-BC
type: Cipher   algorithm: PBEWITHSHAAND192BITAES-CBC-BC
type: Cipher   algorithm: PBEWITHSHAAND256BITAES-CBC-BC
type: Cipher   algorithm: PBEWITHSHA256AND128BITAES-CBC-BC
type: Cipher   algorithm: PBEWITHSHA256AND192BITAES-CBC-BC
type: Cipher   algorithm: PBEWITHSHA256AND256BITAES-CBC-BC
type: Cipher   algorithm: PBEWITHMD5AND128BITAES-CBC-OPENSSL
type: Cipher   algorithm: PBEWITHMD5AND192BITAES-CBC-OPENSSL
type: Cipher   algorithm: PBEWITHMD5AND256BITAES-CBC-OPENSSL
type: SecretKeyFactory   algorithm: PBEWITHMD5AND128BITAES-
CBC-OPENSSL
type: SecretKeyFactory   algorithm: PBEWITHMD5AND192BITAES-
CBC-OPENSSL
type: SecretKeyFactory   algorithm: PBEWITHMD5AND256BITAES-
CBC-OPENSSL
type: SecretKeyFactory   algorithm: PBEWITHSHAAND128BITAES-
CBC-BC
type: SecretKeyFactory   algorithm: PBEWITHSHAAND192BITAES-
CBC-BC
type: SecretKeyFactory   algorithm: PBEWITHSHAAND256BITAES-
CBC-BC
type: SecretKeyFactory   algorithm: PBEWITHSHA256AND128BITAES-
CBC-BC
```

```
type: SecretKeyFactory   algorithm: PBEWITHSHA256AND192BITAES-
CBC-BC
type: SecretKeyFactory   algorithm: PBEWITHSHA256AND256BITAES-
CBC-BC
type: Cipher   algorithm: ARC4
type: KeyGenerator   algorithm: ARC4
type: SecretKeyFactory   algorithm: PBEWITHSHAAND128BITRC4
type: SecretKeyFactory   algorithm: PBEWITHSHAAND40BITRC4
type: Cipher   algorithm: PBEWITHSHAAND128BITRC4
type: Cipher   algorithm: PBEWITHSHAAND40BITRC4
type: Cipher   algorithm: BLOWFISH
type: KeyGenerator   algorithm: BLOWFISH
type: AlgorithmParameters   algorithm: BLOWFISH
type: Cipher   algorithm: DES
type: KeyGenerator   algorithm: DES
type: SecretKeyFactory   algorithm: DES
type: AlgorithmParameters   algorithm: DES
type: Cipher   algorithm: PBEWITHMD5ANDDES
type: Cipher   algorithm: PBEWITHSHA1ANDDES
type: SecretKeyFactory   algorithm: PBEWITHMD5ANDDES
type: SecretKeyFactory   algorithm: PBEWITHSHA1ANDDES
type: Cipher   algorithm: DESEDE
type: Cipher   algorithm: DESEDEWRAP
type: KeyGenerator   algorithm: DESEDE
type: AlgorithmParameters   algorithm: DESEDE
type: SecretKeyFactory   algorithm: DESEDE
type: Cipher   algorithm: PBEWITHSHAAND3-KEYTRIPLEDES-CBC
type: Cipher   algorithm: PBEWITHSHAAND2-KEYTRIPLEDES-CBC
type: SecretKeyFactory   algorithm: PBEWITHSHAAND3-
KEYTRIPLEDES-CBC
type: SecretKeyFactory   algorithm: PBEWITHSHAAND2-
KEYTRIPLEDES-CBC
type: SecretKeyFactory   algorithm: PBEWITHMD5ANDRC2
type: SecretKeyFactory   algorithm: PBEWITHSHA1ANDRC2
type: SecretKeyFactory   algorithm: PBEWITHSHAAND128BITRC2-CBC
type: SecretKeyFactory   algorithm: PBEWITHSHAAND40BITRC2-CBC
type: Cipher   algorithm: PBEWITHMD5ANDRC2
type: Cipher   algorithm: PBEWITHSHA1ANDRC2
type: Cipher   algorithm: PBEWITHSHAAND128BITRC2-CBC
type: Cipher   algorithm: PBEWITHSHAAND40BITRC2-CBC
type: Cipher   algorithm: PBEWITHSHAANDTWOFISH-CBC
type: SecretKeyFactory   algorithm: PBEWITHSHAANDTWOFISH-CBC
type: CertificateFactory   algorithm: X.509
type: AlgorithmParameters   algorithm: DSA
type: AlgorithmParameterGenerator   algorithm: DSA
type: KeyPairGenerator   algorithm: DSA
type: KeyFactory   algorithm: DSA
type: Signature   algorithm: SHA1withDSA
type: Signature   algorithm: NONEWITHDSA
type: Signature   algorithm: SHA224WITHDSA
type: Signature   algorithm: SHA256WITHDSA
type: KeyPairGenerator   algorithm: DH
type: KeyAgreement   algorithm: DH
type: KeyFactory   algorithm: DH
type: AlgorithmParameters   algorithm: DH
type: AlgorithmParameterGenerator   algorithm: DH
type: KeyAgreement   algorithm: ECDH
```

```
type: KeyFactory  algorithm: EC
type: KeyPairGenerator  algorithm: EC
type: Signature  algorithm: ECDSA
type: Signature  algorithm: NONEwithECDSA
type: Signature  algorithm: SHA224WITHECDSA
type: Signature  algorithm: SHA256WITHECDSA
type: Signature  algorithm: SHA384WITHECDSA
type: Signature  algorithm: SHA512WITHECDSA
type: AlgorithmParameters  algorithm: OAEP
type: Cipher  algorithm: RSA
type: KeyFactory  algorithm: RSA
type: KeyPairGenerator  algorithm: RSA
type: Signature  algorithm: MD5WITHRSA
type: Signature  algorithm: SHA1WITHRSA
type: Signature  algorithm: SHA224WITHRSA
type: Signature  algorithm: SHA256WITHRSA
type: Signature  algorithm: SHA384WITHRSA
type: Signature  algorithm: SHA512WITHRSA
type: KeyStore  algorithm: BKS
type: KeyStore  algorithm: BouncyCastle
type: KeyStore  algorithm: PKCS12
type: CertPathValidator  algorithm: PKIX
type: CertPathBuilder  algorithm: PKIX
type: CertStore  algorithm: Collection
provider: Crypto
type: SecureRandom  algorithm: SHA1PRNG
provider: HarmonyJSSE
type: KeyManagerFactory  algorithm: PKIX
type: TrustManagerFactory  algorithm: PKIX
type: KeyStore  algorithm: AndroidCAStore
provider: AndroidKeyStore
type: KeyStore  algorithm: AndroidKeyStore
type: KeyPairGenerator  algorithm: RSA
```