

# SSL密碼強度詳細資訊

## 目錄

### [簡介](#)

### [SSL密碼強度詳細資訊](#)

### [如何驗證TLSv1.2密碼](#)

### [如何驗證SSLv3密碼](#)

### [如何驗證低位密碼](#)

### [如何驗證媒體密碼](#)

### [如何驗證高位密碼](#)

### [相關資訊](#)

## 簡介

本文說明如何檢視思科電子郵件安全裝置(ESA)上可用和支援的SSL密碼。

## SSL密碼強度詳細資訊

可以隨時從CLI運行以下命令來檢視可用和受支援的SSL密碼：`sslconfig > verify`

出現「Enter the ssl cipher you want to verify」提示時，按return將該欄位留空並顯示所有密碼。

ECDHE-RSA-AES256-GCM-SHA384	TLSv1.2	Kx=ECDH	Au=RSA	Enc=AESGCM(256)	Mac=D
ECDHE-ECDSA-AES256-GCM-SHA384	TLSv1.2	Kx=ECDH	Au=ECDSA	Enc=AESGCM(256)	Mac=D
ECDHE-RSA-AES256-SHA384	TLSv1.2	Kx=ECDH	Au=RSA	Enc=AES(256)	Mac=84
ECDHE-ECDSA-AES256-SHA384	TLSv1.2	Kx=ECDH	Au=ECDSA	Enc=AES(256)	Mac=84
ECDHE-RSA-AES256-SHA	SSLv3	Kx=ECDH	Au=RSA	Enc=AES(256)	Mac=
ECDHE-ECDSA-AES256-SHA	SSLv3	Kx=ECDH	Au=ECDSA	Enc=AES(256)	Mac=
SRP-DSS-AES-256-CBC-SHA	SSLv3	Kx=SRP	Au=DSS	Enc=AES(256)	Mac=
SRP-RSA-AES-256-CBC-SHA	SSLv3	Kx=SRP	Au=RSA	Enc=AES(256)	Mac=
SRP-AES-256-CBC-SHA	SSLv3	Kx=SRP	Au=SRP	Enc=AES(256)	Mac=
DHE-DSS-AES256-GCM-SHA384	TLSv1.2	Kx=DH	Au=DSS	Enc=AESGCM(256)	Mac=D
DHE-RSA-AES256-GCM-SHA384	TLSv1.2	Kx=DH	Au=RSA	Enc=AESGCM(256)	Mac=D
DHE-RSA-AES256-SHA256	TLSv1.2	Kx=DH	Au=RSA	Enc=AES(256)	Mac=56
DHE-DSS-AES256-SHA256	TLSv1.2	Kx=DH	Au=DSS	Enc=AES(256)	Mac=56
DHE-RSA-AES256-SHA	SSLv3	Kx=DH	Au=RSA	Enc=AES(256)	Mac=
DHE-DSS-AES256-SHA	SSLv3	Kx=DH	Au=DSS	Enc=AES(256)	Mac=
DHE-RSA-CAMELLIA256-SHA	SSLv3	Kx=DH	Au=RSA	Enc=茶花(256)	Mac=

DHE-DSS-CAMELLIA256-SHA	SSLv3	Kx=DH	Au=DSS	Enc=茶花(256)	Mac=
AES256-GCM-SHA384	TLSv1.2	Kx=RSA	Au=RSA	Enc=AESGCM(256)	Mac=D
AES256-SHA256	TLSv1.2	Kx=RSA	Au=RSA	Enc=AES(256)	Mac=56
AES256-SHA	SSLv3	Kx=RSA	Au=RSA	Enc=AES(256)	Mac=
CAMELLIA256-SHA	SSLv3	Kx=RSA	Au=RSA	Enc=茶花(256)	Mac=
PSK-AES256-CBC-SHA	SSLv3	Kx=PSK	Au=PSK	Enc=AES(256)	Mac=
ECDHE-RSA-AES128-GCM-SHA256	TLSv1.2	Kx=ECDH	Au=RSA	Enc=AESGCM(128)	Mac=D
ECDHE-ECDSA-AES128-GCM-SHA256	TLSv1.2	Kx=ECDH	Au=ECDSA	Enc=AESGCM(128)	Mac=D
ECDHE-RSA-AES128-SHA256	TLSv1.2	Kx=ECDH	Au=RSA	Enc=AES(128)	Mac=56
ECDHE-ECDSA-AES128-SHA256	TLSv1.2	Kx=ECDH	Au=ECDSA	Enc=AES(128)	Mac=56
ECDHE-RSA-AES128-SHA	SSLv3	Kx=ECDH	Au=RSA	Enc=AES(128)	Mac=
ECDHE-ECDSA-AES128-SHA	SSLv3	Kx=ECDH	Au=ECDSA	Enc=AES(128)	Mac=
SRP-DSS-AES-128-CBC-SHA	SSLv3	Kx=SRP	Au=DSS	Enc=AES(128)	Mac=
SRP-RSA-AES-128-CBC-SHA	SSLv3	Kx=SRP	Au=RSA	Enc=AES(128)	Mac=
SRP-AES-128-CBC-SHA	SSLv3	Kx=SRP	Au=SRP	Enc=AES(128)	Mac=
DHE-DSS-AES128-GCM-SHA256	TLSv1.2	Kx=DH	Au=DSS	Enc=AESGCM(128)	Mac=D
DHE-RSA-AES128-GCM-SHA256	TLSv1.2	Kx=DH	Au=RSA	Enc=AESGCM(128)	Mac=D
DHE-RSA-AES128-SHA256	TLSv1.2	Kx=DH	Au=RSA	Enc=AES(128)	Mac=56
DHE-DSS-AES128-SHA256	TLSv1.2	Kx=DH	Au=DSS	Enc=AES(128)	Mac=56
DHE-RSA-AES128-SHA	SSLv3	Kx=DH	Au=RSA	Enc=AES(128)	Mac=
DHE-DSS-AES128-SHA	SSLv3	Kx=DH	Au=DSS	Enc=AES(128)	Mac=
DHE-RSA-SEED-SHA	SSLv3	Kx=DH	Au=RSA	Enc=SEED(128)	Mac=)
DHE-DSS-SEED-SHA	SSLv3	Kx=DH	Au=DSS	Enc=SEED(128)	Mac=)
DHE-RSA-CAMELLIA128-SHA	SSLv3	Kx=DH	Au=RSA	Enc=茶花(128)	Mac=
DHE-DSS-CAMELLIA128-SHA	SSLv3	Kx=DH	Au=DSS	Enc=茶花(128)	Mac=
AES128-GCM-SHA256	TLSv1.2	Kx=RSA	Au=RSA	Enc=AESGCM(128)	Mac=D
AES128-SHA256	TLSv1.2	Kx=RSA	Au=RSA	Enc=AES(128)	Mac=56
AES128-SHA	SSLv3	Kx=RSA	Au=RSA	Enc=AES(128)	Mac=
種子SHA	SSLv3	Kx=RSA	Au=RSA	Enc=SEED(128)	Mac=)
CAMELLIA128-SHA	SSLv3	Kx=RSA	Au=RSA	Enc=茶花(128)	Mac=
IDEA-CBC-SHA	SSLv3	Kx=RSA	Au=RSA	Enc=IDEA(128)	Mac=
PSK-AES128-CBC-SHA	SSLv3	Kx=PSK	Au=PSK	Enc=AES(128)	Mac=
ECDHE-RSA-RC4-SHA	SSLv3	Kx=ECDH	Au=RSA	Enc=RC4(128)	Mac=
ECDHE-ECDSA-RC4-SHA	SSLv3	Kx=ECDH	Au=ECDSA	Enc=RC4(128)	Mac=
RC4-SHA	SSLv3	Kx=RSA	Au=RSA	Enc=RC4(128)	Mac=
RC4-MD5	SSLv3	Kx=RSA	Au=RSA	Enc=RC4(128)	Mac=
PSK-RC4-SHA	SSLv3	Kx=PSK	Au=PSK	Enc=RC4(128)	Mac=

ECDHE-RSA-DES-CBC3-SHA	SSLv3	Kx=ECDH	Au=RSA	Enc=3DES(168)	Mac=
ECDHE-ECDSA-DES-CBC3-SHA	SSLv3	Kx=ECDH	Au=ECDSA	Enc=3DES(168)	Mac=
SRP-DSS-3DES-EDE-CBC-SHA	SSLv3	Kx=SRP	Au=DSS	Enc=3DES(168)	Mac=
SRP-RSA-3DES-EDE-CBC-SHA	SSLv3	Kx=SRP	Au=RSA	Enc=3DES(168)	Mac=
SRP-3DES-EDE-CBC-SHA	SSLv3	Kx=SRP	Au=SRP	Enc=3DES(168)	Mac=
EDH-RSA-DES-CBC3-SHA	SSLv3	Kx=DH	Au=RSA	Enc=3DES(168)	Mac=
EDH-DSS-DES-CBC3-SHA	SSLv3	Kx=DH	Au=DSS	Enc=3DES(168)	Mac=
DES-CBC3-SHA	SSLv3	Kx=RSA	Au=RSA	Enc=3DES(168)	Mac=
PSK-3DES-EDE-CBC-SHA	SSLv3	Kx=PSK	Au=PSK	Enc=3DES(168)	Mac=
EDH-RSA-DES-CBC-SHA	SSLv3	Kx=DH	Au=RSA	Enc=DES(56)	Mac=
EDH-DSS-DES-CBC-SHA	SSLv3	Kx=DH	Au=DSS	Enc=DES(56)	Mac=
DES-CBC-SHA	SSLv3	Kx=RSA	Au=RSA	Enc=DES(56)	Mac=

## 如何驗證TLSv1.2密碼

從 `sslconfig > verify` CLI 選單中的「TLSv1.2」選項 SSL 要驗證的密碼：

```
Enter the ssl cipher you want to verify.
[ ]> TLSv1.2
```

```
ECDHE-RSA-AES256-GCM-SHA384 TLSv1.2 Kx=ECDH Au=RSA Enc=AESGCM(256) Mac=AEAD
ECDHE-ECDSA-AES256-GCM-SHA384 TLSv1.2 Kx=ECDH Au=ECDSA Enc=AESGCM(256) Mac=AEAD
ECDHE-RSA-AES256-SHA384 TLSv1.2 Kx=ECDH Au=RSA Enc=AES(256) Mac=SHA384
ECDHE-ECDSA-AES256-SHA384 TLSv1.2 Kx=ECDH Au=ECDSA Enc=AES(256) Mac=SHA384
DHE-DSS-AES256-GCM-SHA384 TLSv1.2 Kx=DH Au=DSS Enc=AESGCM(256) Mac=AEAD
DHE-RSA-AES256-GCM-SHA384 TLSv1.2 Kx=DH Au=RSA Enc=AESGCM(256) Mac=AEAD
DHE-RSA-AES256-SHA256 TLSv1.2 Kx=DH Au=RSA Enc=AES(256) Mac=SHA256
DHE-DSS-AES256-SHA256 TLSv1.2 Kx=DH Au=DSS Enc=AES(256) Mac=SHA256
ADH-AES256-GCM-SHA384 TLSv1.2 Kx=DH Au=None Enc=AESGCM(256) Mac=AEAD
ADH-AES256-SHA256 TLSv1.2 Kx=DH Au=None Enc=AES(256) Mac=SHA256
AES256-GCM-SHA384 TLSv1.2 Kx=RSA Au=RSA Enc=AESGCM(256) Mac=AEAD
AES256-SHA256 TLSv1.2 Kx=RSA Au=RSA Enc=AES(256) Mac=SHA256
ECDHE-RSA-AES128-GCM-SHA256 TLSv1.2 Kx=ECDH Au=RSA Enc=AESGCM(128) Mac=AEAD
ECDHE-ECDSA-AES128-GCM-SHA256 TLSv1.2 Kx=ECDH Au=ECDSA Enc=AESGCM(128) Mac=AEAD
ECDHE-RSA-AES128-SHA256 TLSv1.2 Kx=ECDH Au=RSA Enc=AES(128) Mac=SHA256
ECDHE-ECDSA-AES128-SHA256 TLSv1.2 Kx=ECDH Au=ECDSA Enc=AES(128) Mac=SHA256
DHE-DSS-AES128-GCM-SHA256 TLSv1.2 Kx=DH Au=DSS Enc=AESGCM(128) Mac=AEAD
DHE-RSA-AES128-GCM-SHA256 TLSv1.2 Kx=DH Au=RSA Enc=AESGCM(128) Mac=AEAD
DHE-RSA-AES128-SHA256 TLSv1.2 Kx=DH Au=RSA Enc=AES(128) Mac=SHA256
DHE-DSS-AES128-SHA256 TLSv1.2 Kx=DH Au=DSS Enc=AES(128) Mac=SHA256
ADH-AES128-GCM-SHA256 TLSv1.2 Kx=DH Au=None Enc=AESGCM(128) Mac=AEAD
ADH-AES128-SHA256 TLSv1.2 Kx=DH Au=None Enc=AES(128) Mac=SHA256
AES128-GCM-SHA256 TLSv1.2 Kx=RSA Au=RSA Enc=AESGCM(128) Mac=AEAD
AES128-SHA256 TLSv1.2 Kx=RSA Au=RSA Enc=AES(128) Mac=SHA256
NULL-SHA256 TLSv1.2 Kx=RSA Au=RSA Enc=None Mac=SHA256
```

## 如何驗證SSLv3密碼

從 `sslconfig > verify` CLI 選單，當系統詢問哪個 SSL 要驗證的密碼：

Enter the ssl cipher you want to verify.

[ ]> SSLv3

```
ECDHE-RSA-AES256-SHA SSLv3 Kx=ECDH Au=RSA Enc=AES(256) Mac=SHA1
ECDHE-ECDSA-AES256-SHA SSLv3 Kx=ECDH Au=ECDSA Enc=AES(256) Mac=SHA1
SRP-DSS-AES-256-CBC-SHA SSLv3 Kx=SRP Au=DSS Enc=AES(256) Mac=SHA1
SRP-RSA-AES-256-CBC-SHA SSLv3 Kx=SRP Au=RSA Enc=AES(256) Mac=SHA1
SRP-AES-256-CBC-SHA SSLv3 Kx=SRP Au=SRP Enc=AES(256) Mac=SHA1
DHE-RSA-AES256-SHA SSLv3 Kx=DH Au=RSA Enc=AES(256) Mac=SHA1
DHE-DSS-AES256-SHA SSLv3 Kx=DH Au=DSS Enc=AES(256) Mac=SHA1
DHE-RSA-CAMELLIA256-SHA SSLv3 Kx=DH Au=RSA Enc=Camellia(256) Mac=SHA1
DHE-DSS-CAMELLIA256-SHA SSLv3 Kx=DH Au=DSS Enc=Camellia(256) Mac=SHA1
ADH-AES256-SHA SSLv3 Kx=DH Au=None Enc=AES(256) Mac=SHA1
ADH-CAMELLIA256-SHA SSLv3 Kx=DH Au=None Enc=Camellia(256) Mac=SHA1
AES256-SHA SSLv3 Kx=RSA Au=RSA Enc=AES(256) Mac=SHA1
CAMELLIA256-SHA SSLv3 Kx=RSA Au=RSA Enc=Camellia(256) Mac=SHA1
PSK-AES256-CBC-SHA SSLv3 Kx=PSK Au=PSK Enc=AES(256) Mac=SHA1
ECDHE-RSA-AES128-SHA SSLv3 Kx=ECDH Au=RSA Enc=AES(128) Mac=SHA1
ECDHE-ECDSA-AES128-SHA SSLv3 Kx=ECDH Au=ECDSA Enc=AES(128) Mac=SHA1
SRP-DSS-AES-128-CBC-SHA SSLv3 Kx=SRP Au=DSS Enc=AES(128) Mac=SHA1
SRP-RSA-AES-128-CBC-SHA SSLv3 Kx=SRP Au=RSA Enc=AES(128) Mac=SHA1
SRP-AES-128-CBC-SHA SSLv3 Kx=SRP Au=SRP Enc=AES(128) Mac=SHA1
DHE-RSA-AES128-SHA SSLv3 Kx=DH Au=RSA Enc=AES(128) Mac=SHA1
DHE-DSS-AES128-SHA SSLv3 Kx=DH Au=DSS Enc=AES(128) Mac=SHA1
DHE-RSA-SEED-SHA SSLv3 Kx=DH Au=RSA Enc=SEED(128) Mac=SHA1
DHE-DSS-SEED-SHA SSLv3 Kx=DH Au=DSS Enc=SEED(128) Mac=SHA1
DHE-RSA-CAMELLIA128-SHA SSLv3 Kx=DH Au=RSA Enc=Camellia(128) Mac=SHA1
DHE-DSS-CAMELLIA128-SHA SSLv3 Kx=DH Au=DSS Enc=Camellia(128) Mac=SHA1
ADH-AES128-SHA SSLv3 Kx=DH Au=None Enc=AES(128) Mac=SHA1
ADH-SEED-SHA SSLv3 Kx=DH Au=None Enc=SEED(128) Mac=SHA1
ADH-CAMELLIA128-SHA SSLv3 Kx=DH Au=None Enc=Camellia(128) Mac=SHA1
AES128-SHA SSLv3 Kx=RSA Au=RSA Enc=AES(128) Mac=SHA1
SEED-SHA SSLv3 Kx=RSA Au=RSA Enc=SEED(128) Mac=SHA1
CAMELLIA128-SHA SSLv3 Kx=RSA Au=RSA Enc=Camellia(128) Mac=SHA1
IDEA-CBC-SHA SSLv3 Kx=RSA Au=RSA Enc=IDEA(128) Mac=SHA1
PSK-AES128-CBC-SHA SSLv3 Kx=PSK Au=PSK Enc=AES(128) Mac=SHA1
ECDHE-RSA-RC4-SHA SSLv3 Kx=ECDH Au=RSA Enc=RC4(128) Mac=SHA1
ECDHE-ECDSA-RC4-SHA SSLv3 Kx=ECDH Au=ECDSA Enc=RC4(128) Mac=SHA1
ADH-RC4-MD5 SSLv3 Kx=DH Au=None Enc=RC4(128) Mac=MD5
RC4-SHA SSLv3 Kx=RSA Au=RSA Enc=RC4(128) Mac=SHA1
RC4-MD5 SSLv3 Kx=RSA Au=RSA Enc=RC4(128) Mac=MD5
PSK-RC4-SHA SSLv3 Kx=PSK Au=PSK Enc=RC4(128) Mac=SHA1
ECDHE-RSA-DES-CBC3-SHA SSLv3 Kx=ECDH Au=RSA Enc=3DES(168) Mac=SHA1
ECDHE-ECDSA-DES-CBC3-SHA SSLv3 Kx=ECDH Au=ECDSA Enc=3DES(168) Mac=SHA1
SRP-DSS-3DES-EDE-CBC-SHA SSLv3 Kx=SRP Au=DSS Enc=3DES(168) Mac=SHA1
SRP-RSA-3DES-EDE-CBC-SHA SSLv3 Kx=SRP Au=RSA Enc=3DES(168) Mac=SHA1
SRP-3DES-EDE-CBC-SHA SSLv3 Kx=SRP Au=SRP Enc=3DES(168) Mac=SHA1
EDH-RSA-DES-CBC3-SHA SSLv3 Kx=DH Au=RSA Enc=3DES(168) Mac=SHA1
EDH-DSS-DES-CBC3-SHA SSLv3 Kx=DH Au=DSS Enc=3DES(168) Mac=SHA1
ADH-DES-CBC3-SHA SSLv3 Kx=DH Au=None Enc=3DES(168) Mac=SHA1
DES-CBC3-SHA SSLv3 Kx=RSA Au=RSA Enc=3DES(168) Mac=SHA1
PSK-3DES-EDE-CBC-SHA SSLv3 Kx=PSK Au=PSK Enc=3DES(168) Mac=SHA1
EDH-RSA-DES-CBC-SHA SSLv3 Kx=DH Au=RSA Enc=DES(56) Mac=SHA1
EDH-DSS-DES-CBC-SHA SSLv3 Kx=DH Au=DSS Enc=DES(56) Mac=SHA1
ADH-DES-CBC-SHA SSLv3 Kx=DH Au=None Enc=DES(56) Mac=SHA1
DES-CBC-SHA SSLv3 Kx=RSA Au=RSA Enc=DES(56) Mac=SHA1
EXP-EDH-RSA-DES-CBC-SHA SSLv3 Kx=DH(512) Au=RSA Enc=DES(40) Mac=SHA1 export
EXP-EDH-DSS-DES-CBC-SHA SSLv3 Kx=DH(512) Au=DSS Enc=DES(40) Mac=SHA1 export
EXP-ADH-DES-CBC-SHA SSLv3 Kx=DH(512) Au=None Enc=DES(40) Mac=SHA1 export
EXP-DES-CBC-SHA SSLv3 Kx=RSA(512) Au=RSA Enc=DES(40) Mac=SHA1 export
```

```
EXP-RC2-CBC-MD5 SSLv3 Kx=RSA(512) Au=RSA Enc=RC2(40) Mac=MD5 export
EXP-ADH-RC4-MD5 SSLv3 Kx=DH(512) Au=None Enc=RC4(40) Mac=MD5 export
EXP-RC4-MD5 SSLv3 Kx=RSA(512) Au=RSA Enc=RC4(40) Mac=MD5 export
ECDHE-RSA-NULL-SHA SSLv3 Kx=ECDH Au=RSA Enc=None Mac=SHA1
ECDHE-ECDSA-NULL-SHA SSLv3 Kx=ECDH Au=ECDSA Enc=None Mac=SHA1
NULL-SHA SSLv3 Kx=RSA Au=RSA Enc=None Mac=SHA1
NULL-MD5 SSLv3 Kx=RSA Au=RSA Enc=None Mac=MD5
```

## 如何驗證低位密碼

在 `sslconfig > verify` CLI 選單中，當詢問要驗證哪個 SSL 密碼時，使用「LOW」：

```
Enter the ssl cipher you want to verify.
[]> LOW
```

```
EDH-RSA-DES-CBC-SHA SSLv3 Kx=DH Au=RSA Enc=DES(56) Mac=SHA1
EDH-DSS-DES-CBC-SHA SSLv3 Kx=DH Au=DSS Enc=DES(56) Mac=SHA1
ADH-DES-CBC-SHA SSLv3 Kx=DH Au=None Enc=DES(56) Mac=SHA1
DES-CBC-SHA SSLv3 Kx=RSA Au=RSA Enc=DES(56) Mac=SHA1
DES-CBC-MD5 SSLv2 Kx=RSA Au=RSA Enc=DES(56) Mac=MD5
```

## 如何驗證媒體密碼

從 `sslconfig > verify` CLI 選單，當詢問要驗證哪個 SSL 密碼時，請使用「MEDIUM」：

```
Enter the ssl cipher you want to verify.
[]> MEDIUM
```

```
DHE-RSA-SEED-SHA SSLv3 Kx=DH Au=RSA Enc=SEED(128) Mac=SHA1
DHE-DSS-SEED-SHA SSLv3 Kx=DH Au=DSS Enc=SEED(128) Mac=SHA1
ADH-SEED-SHA SSLv3 Kx=DH Au=None Enc=SEED(128) Mac=SHA1
SEED-SHA SSLv3 Kx=RSA Au=RSA Enc=SEED(128) Mac=SHA1
IDEA-CBC-SHA SSLv3 Kx=RSA Au=RSA Enc=IDEA(128) Mac=SHA1
IDEA-CBC-MD5 SSLv2 Kx=RSA Au=RSA Enc=IDEA(128) Mac=MD5
RC2-CBC-MD5 SSLv2 Kx=RSA Au=RSA Enc=RC2(128) Mac=MD5
ECDHE-RSA-RC4-SHA SSLv3 Kx=ECDH Au=RSA Enc=RC4(128) Mac=SHA1
ECDHE-ECDSA-RC4-SHA SSLv3 Kx=ECDH Au=ECDSA Enc=RC4(128) Mac=SHA1
ADH-RC4-MD5 SSLv3 Kx=DH Au=None Enc=RC4(128) Mac=MD5
RC4-SHA SSLv3 Kx=RSA Au=RSA Enc=RC4(128) Mac=SHA1
RC4-MD5 SSLv3 Kx=RSA Au=RSA Enc=RC4(128) Mac=MD5
RC4-MD5 SSLv2 Kx=RSA Au=RSA Enc=RC4(128) Mac=MD5
PSK-RC4-SHA SSLv3 Kx=PSK Au=PSK Enc=RC4(128) Mac=SHA1
```

## 如何驗證高位密碼

從 `sslconfig > verify` CLI 選單，當詢問要驗證哪個 SSL 密碼時，請使用「HIGH」：

```
Enter the ssl cipher you want to verify.
[]> HIGH
```

```
ECDHE-RSA-AES256-GCM-SHA384 TLSv1.2 Kx=ECDH Au=RSA Enc=AESGCM(256) Mac=AEAD
ECDHE-ECDSA-AES256-GCM-SHA384 TLSv1.2 Kx=ECDH Au=ECDSA Enc=AESGCM(256) Mac=AEAD
ECDHE-RSA-AES256-SHA384 TLSv1.2 Kx=ECDH Au=RSA Enc=AES(256) Mac=SHA384
ECDHE-ECDSA-AES256-SHA384 TLSv1.2 Kx=ECDH Au=ECDSA Enc=AES(256) Mac=SHA384
ECDHE-RSA-AES256-SHA SSLv3 Kx=ECDH Au=RSA Enc=AES(256) Mac=SHA1
ECDHE-ECDSA-AES256-SHA SSLv3 Kx=ECDH Au=ECDSA Enc=AES(256) Mac=SHA1
SRP-DSS-AES-256-CBC-SHA SSLv3 Kx=SRP Au=DSS Enc=AES(256) Mac=SHA1
SRP-RSA-AES-256-CBC-SHA SSLv3 Kx=SRP Au=RSA Enc=AES(256) Mac=SHA1
SRP-AES-256-CBC-SHA SSLv3 Kx=SRP Au=SRP Enc=AES(256) Mac=SHA1
```

DHE-DSS-AES256-GCM-SHA384 TLSv1.2 Kx=DH Au=DSS Enc=AESGCM(256) Mac=AEAD  
DHE-RSA-AES256-GCM-SHA384 TLSv1.2 Kx=DH Au=RSA Enc=AESGCM(256) Mac=AEAD  
DHE-RSA-AES256-SHA256 TLSv1.2 Kx=DH Au=RSA Enc=AES(256) Mac=SHA256  
DHE-DSS-AES256-SHA256 TLSv1.2 Kx=DH Au=DSS Enc=AES(256) Mac=SHA256  
DHE-RSA-AES256-SHA SSLv3 Kx=DH Au=RSA Enc=AES(256) Mac=SHA1  
DHE-DSS-AES256-SHA SSLv3 Kx=DH Au=DSS Enc=AES(256) Mac=SHA1  
DHE-RSA-CAMELLIA256-SHA SSLv3 Kx=DH Au=RSA Enc=Camellia(256) Mac=SHA1  
DHE-DSS-CAMELLIA256-SHA SSLv3 Kx=DH Au=DSS Enc=Camellia(256) Mac=SHA1  
ADH-AES256-GCM-SHA384 TLSv1.2 Kx=DH Au=None Enc=AESGCM(256) Mac=AEAD  
ADH-AES256-SHA256 TLSv1.2 Kx=DH Au=None Enc=AES(256) Mac=SHA256  
ADH-AES256-SHA SSLv3 Kx=DH Au=None Enc=AES(256) Mac=SHA1  
ADH-CAMELLIA256-SHA SSLv3 Kx=DH Au=None Enc=Camellia(256) Mac=SHA1  
AES256-GCM-SHA384 TLSv1.2 Kx=RSA Au=RSA Enc=AESGCM(256) Mac=AEAD  
AES256-SHA256 TLSv1.2 Kx=RSA Au=RSA Enc=AES(256) Mac=SHA256  
AES256-SHA SSLv3 Kx=RSA Au=RSA Enc=AES(256) Mac=SHA1  
CAMELLIA256-SHA SSLv3 Kx=RSA Au=RSA Enc=Camellia(256) Mac=SHA1  
PSK-AES256-CBC-SHA SSLv3 Kx=PSK Au=PSK Enc=AES(256) Mac=SHA1  
ECDHE-RSA-AES128-GCM-SHA256 TLSv1.2 Kx=ECDH Au=RSA Enc=AESGCM(128) Mac=AEAD  
ECDHE-ECDSA-AES128-GCM-SHA256 TLSv1.2 Kx=ECDH Au=ECDSA Enc=AESGCM(128) Mac=AEAD  
ECDHE-RSA-AES128-SHA256 TLSv1.2 Kx=ECDH Au=RSA Enc=AES(128) Mac=SHA256  
ECDHE-ECDSA-AES128-SHA256 TLSv1.2 Kx=ECDH Au=ECDSA Enc=AES(128) Mac=SHA256  
ECDHE-RSA-AES128-SHA SSLv3 Kx=ECDH Au=RSA Enc=AES(128) Mac=SHA1  
ECDHE-ECDSA-AES128-SHA SSLv3 Kx=ECDH Au=ECDSA Enc=AES(128) Mac=SHA1  
SRP-DSS-AES-128-CBC-SHA SSLv3 Kx=SRP Au=DSS Enc=AES(128) Mac=SHA1  
SRP-RSA-AES-128-CBC-SHA SSLv3 Kx=SRP Au=RSA Enc=AES(128) Mac=SHA1  
SRP-AES-128-CBC-SHA SSLv3 Kx=SRP Au=SRP Enc=AES(128) Mac=SHA1  
DHE-DSS-AES128-GCM-SHA256 TLSv1.2 Kx=DH Au=DSS Enc=AESGCM(128) Mac=AEAD  
DHE-RSA-AES128-GCM-SHA256 TLSv1.2 Kx=DH Au=RSA Enc=AESGCM(128) Mac=AEAD  
DHE-RSA-AES128-SHA256 TLSv1.2 Kx=DH Au=RSA Enc=AES(128) Mac=SHA256  
DHE-DSS-AES128-SHA256 TLSv1.2 Kx=DH Au=DSS Enc=AES(128) Mac=SHA256  
DHE-RSA-AES128-SHA SSLv3 Kx=DH Au=RSA Enc=AES(128) Mac=SHA1  
DHE-DSS-AES128-SHA SSLv3 Kx=DH Au=DSS Enc=AES(128) Mac=SHA1  
DHE-RSA-CAMELLIA128-SHA SSLv3 Kx=DH Au=RSA Enc=Camellia(128) Mac=SHA1  
DHE-DSS-CAMELLIA128-SHA SSLv3 Kx=DH Au=DSS Enc=Camellia(128) Mac=SHA1  
ADH-AES128-GCM-SHA256 TLSv1.2 Kx=DH Au=None Enc=AESGCM(128) Mac=AEAD  
ADH-AES128-SHA256 TLSv1.2 Kx=DH Au=None Enc=AES(128) Mac=SHA256  
ADH-AES128-SHA SSLv3 Kx=DH Au=None Enc=AES(128) Mac=SHA1  
ADH-CAMELLIA128-SHA SSLv3 Kx=DH Au=None Enc=Camellia(128) Mac=SHA1  
AES128-GCM-SHA256 TLSv1.2 Kx=RSA Au=RSA Enc=AESGCM(128) Mac=AEAD  
AES128-SHA256 TLSv1.2 Kx=RSA Au=RSA Enc=AES(128) Mac=SHA256  
AES128-SHA SSLv3 Kx=RSA Au=RSA Enc=AES(128) Mac=SHA1  
CAMELLIA128-SHA SSLv3 Kx=RSA Au=RSA Enc=Camellia(128) Mac=SHA1  
PSK-AES128-CBC-SHA SSLv3 Kx=PSK Au=PSK Enc=AES(128) Mac=SHA1  
ECDHE-RSA-DES-CBC3-SHA SSLv3 Kx=ECDH Au=RSA Enc=3DES(168) Mac=SHA1  
ECDHE-ECDSA-DES-CBC3-SHA SSLv3 Kx=ECDH Au=ECDSA Enc=3DES(168) Mac=SHA1  
SRP-DSS-3DES-EDE-CBC-SHA SSLv3 Kx=SRP Au=DSS Enc=3DES(168) Mac=SHA1  
SRP-RSA-3DES-EDE-CBC-SHA SSLv3 Kx=SRP Au=RSA Enc=3DES(168) Mac=SHA1  
SRP-3DES-EDE-CBC-SHA SSLv3 Kx=SRP Au=SRP Enc=3DES(168) Mac=SHA1  
EDH-RSA-DES-CBC3-SHA SSLv3 Kx=DH Au=RSA Enc=3DES(168) Mac=SHA1  
EDH-DSS-DES-CBC3-SHA SSLv3 Kx=DH Au=DSS Enc=3DES(168) Mac=SHA1  
ADH-DES-CBC3-SHA SSLv3 Kx=DH Au=None Enc=3DES(168) Mac=SHA1  
DES-CBC3-SHA SSLv3 Kx=RSA Au=RSA Enc=3DES(168) Mac=SHA1  
DES-CBC3-MD5 SSLv2 Kx=RSA Au=RSA Enc=3DES(168) Mac=MD5  
PSK-3DES-EDE-CBC-SHA SSLv3 Kx=PSK Au=PSK Enc=3DES(168) Mac=SHA1

## 相關資訊

- [阻止在ESA和SMA上協商空密碼或匿名密碼](#)
- [更改在ESA上與SSL/TLS一起使用的方法和密碼](#)