SSL-kaartgegevens Sterkte

Inhoud

Inleiding

Dit document beschrijft hoe u de SSL-telefoons kunt bekijken die beschikbaar zijn voor gebruik en ondersteund worden op de Cisco e-mail security applicatie (ESA).

SSL-kaartgegevens Sterkte

De SSL-telefoons die voor gebruik beschikbaar en ondersteund zijn, kunnen op elk moment door de volgende signalen vanuit de CLI te starten worden gezien: **Sslfig > verify**

Wanneer wordt gevraagd "Voer het ssl-algoritme in dat u wilt controleren", klikt u op Terug om dit veld leeg te laten en geeft u ALLE ciphers weer.

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-DS-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=Camellia(256)	Mac=
DHE-DSS-CAMELLIA256-SHA	SSLv3	KX=DH	Au=DSS	Enc=Camellia(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=Camellia(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-DS-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=Camellia(128)	Mac=
DHE-DSS-CAMELLIA128-SHA	SSLv3	KX=DH	Au=DSS	Enc=Camellia(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=

SEED-SHA	SSLv3	KX=RSA	Au=RSA	Enc=SEED(128)	Mac=
CAMELLIA128-SHA	SSLv3	KX=RSA	Au=RSA	Enc=Camellia(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-3DES-EDE-CBC-SHA	SSLv3	KX=SRP	Au=DSS	Enc=3DES(168)	Mac=
SRP-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=

Hoe wordt de TLSv1.2-knipperaars geverifieerd

Van de **Sslfig > verify** CLI Gebruik "TLSv1.2" als u vraagt welke SSL algoritme om te verifiëren:

```
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
```

Hoe te om SSLv3-cifen te controleren

Van de **Sslfig > verify** CLI Gebruik "SSLv3" als u vraagt welke SSL algoritme om te verifiëren:

```
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
```

Hoe u lage cips controleert

Van de **slfig > verify** CLI-menu gebruikt u "LOW" wanneer u gevraagd wordt welk SSL-algoritme u wilt controleren:

```
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
```

Controleer de gemiddelde cifers

Van de **Sslfig > verify** Gebruik "MEDIUM" in het CLI-menu als u vraagt welk SSL-algoritme u wilt controleren:

```
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
```

Hoe u de hoge cips kunt controleren

Van de **Sslfig > verify** Gebruik in het CLI-menu "HIGH" als u vraagt welk SSL-algoritme u wilt controleren:

```
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
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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
```

Gerelateerde informatie

- Beletten dat er over de ESA en de SMA onderhandelingen worden gevoerd met betrekking tot volledige of anonieme burgers
- Verander de methodes en CIFERS die met SSL/TLS op de ESA worden gebruikt