



Accepted SSL Ciphers.

- Parallels Remote Application Server 19.1
- Parallels Remote Application Server 18.2
- Parallels Remote Application Server 18.3
- Parallels Remote Application Server 18.0
- Parallels Remote Application Server 19.0
- Parallels Remote Application Server 18.1

High

Accepted Version

Cipher List

TLS v1.2 ALL:!SSLv2:!SSLv3:!TLSv1:!TLSv1.1:!aNULL:!ADH:!eNULL:!LOW:!MEDIUM:!EXP:+HIGH
only
(Strong)

- ECDH
- ECDH
- ECDH
- ECDH
- DHE-
- DHE-
- DHE-
- DHE-
- ECDH
- ECDH
- ECDH
- ECDH
- AES2
- AES2
- ECDH
- ECDH
- ECDH
- ECDH

- DHE-
- DHE-
- DHE-
- DHE-
- ECDH
- ECDH
- ECDH
- ECDH
- ECDH
- AES1
- AES1

- ECDH
- ECDH
- ECDH
- ECDH
- DHE-
- DHE-
- DHE-
- DHE-
- ECDH
- ECDH
- ECDH
- ECDH
- AES2
- AES2
- ECDH
- ECDH
- ECDH
- ECDH
- DHE-
- DHE-
- DHE-
- ECDH
- ECDH
- ECDH
- ECDH
- AES1
- AES1

TLS v1.1
- TLS ALL:!SSLv2:!SSLv3:!TLSv1:!aNULL:!ADH:!eNULL:!LOW:!MEDIUM:!EXP:+HIGH
v1.2

TLS v1 - ALL:!SSLv2:!SSLv3:!aNULL:!ADH:!eNULL:!LOW:!MEDIUM:!EXP:+HIGH
TLS v1.2

- ECDH
- ECDH
- ECDH
- ECDH
- DHE-
- DHE-
- DHE-
- DHE-
- ECDH
- ECDH
- ECDH
- ECDH
- AES2
- AES2
- ECDH
- ECDH

- ECDH
- ECDH
- DHE-
- DHE-
- DHE-
- ECDH
- ECDH
- ECDH
- ECDH
- ECDH
- AES1
- AES1

SSL v3 - ALL:!SSLv2:!aNULL:!ADH:!eNULL:!LOW:!MEDIUM:!EXP:+HIGH
 TLS v1.2

- ECDH
- ECDH
- ECDH
- ECDH
- ECDH
- ECDH
- SRP-I
- SRP-F
- SRP-A
- DHE-
- DHE-
- DHE-
- DHE-
- DHE-
- DHE-
- DHE-
- DHE-
- ECDH
- ECDH
- ECDH
- ECDH
- ECDH
- ECDH
- AES2
- AES2
- AES2
- CAMD
- PSK-A
- ECDH
- ECDH
- ECDH
- ECDH
- ECDH
- ECDH
- SRP-I
- SRP-F
- SRP-A
- DHE-
- DHE-
- DHE-
- DHE-
- DHE-
- DHE-

SSL v2 -
TLS v1.2
(Weak)

- DHE-
- ECDH
- ECDH
- ECDH
- ECDH
- ECDH
- ECDH
- ECDH
- SRP-D
- SRP-E
- SRP-A
- DHE-
- DHE-
- DHE-
- DHE-
- DHE-
- DHE-
- DHE-
- DHE-
- ECDH
- ECDH
- ECDH
- ECDH
- ECDH
- AES2
- AES2
- AES2
- CAML
- PSK-A
- ECDH
- ECDH
- ECDH
- ECDH
- ECDH
- ECDH
- SRP-D
- SRP-E
- SRP-A
- DHE-
- DHE-
- DHE-
- DHE-
- DHE-
- DHE-
- DHE-
- DHE-
- ECDH
- ECDH
- ECDH
- ECDH

- ECDH
- ECDH
- AES1
- AES1
- AES1
- CAM
- PSK-A
- ECDH
- ECDH
- SRP-D
- SRP-F
- SRP-3
- EDH-
- EDH-
- ECDH
- ECDH
- DES-C
- DES-C
- PSK-3

Medium

Accepted Version	Cipher List	Cipher Suite
	ALL:!aNULL:!ADH:!eNULL:!LOW:!EXP:RC4+RSA:+HIGH:+MEDIUM	
• TLS v1.2 only (Strong) • TLS v1.1 - - TLS v1.2 • TLS v1 - - TLS v1.2 • SSL v3 - - TLS v1.2 • SSL v2 - - TLS v1.2		• ECDHE-RSA-AES256-GCM • ECDHE-ECDSA-AES256-G • ECDHE-RSA-AES256-SHA • ECDHE-ECDSA-AES256-S • ECDHE-RSA-AES256-SHA • ECDHE-ECDSA-AES256-S • SRP-DSS-AES-256-CBC-SH • SRP-RSA-AES-256-CBC-SH • SRP-AES-256-CBC-SHA • DHE-DSS-AES256-GCM-SH • DHE-RSA-AES256-GCM-S • DHE-RSA-AES256-SHA256 • DHE-DSS-AES256-SHA256 • DHE-RSA-AES256-SHA • DHE-DSS-AES256-SHA • DHE-RSA-CAMELLIA256- • DHE-DSS-CAMELLIA256-S • ECDH-RSA-AES256-GCM- • ECDH-ECDSA-AES256-GC • ECDH-RSA-AES256-SHA38 • ECDH-ECDSA-AES256-SH • ECDH-RSA-AES256-SHA • ECDH-ECDSA-AES256-SH • AES256-GCM-SHA384

(Weak)

- AES256-SHA256
- AES256-SHA
- CAMELLIA256-SHA
- PSK-AES256-CBC-SHA
- ECDHE-RSA-AES128-GCM-SHA256
- ECDHE-ECDSA-AES128-GCM-SHA256
- ECDHE-RSA-AES128-SHA256
- ECDHE-ECDSA-AES128-SHA256
- ECDHE-RSA-AES128-SHA
- ECDHE-ECDSA-AES128-SHA
- SRP-DSS-AES-128-CBC-SHA
- SRP-RSA-AES-128-CBC-SHA
- SRP-AES-128-CBC-SHA
- DHE-DSS-AES128-GCM-SHA256
- DHE-RSA-AES128-GCM-SHA256
- DHE-RSA-AES128-SHA256
- DHE-DSS-AES128-SHA256
- DHE-RSA-AES128-SHA
- DHE-DSS-AES128-SHA
- DHE-RSA-CAMELLIA128-SHA
- DHE-DSS-CAMELLIA128-SHA
- ECDH-RSA-AES128-GCM-SHA256
- ECDH-ECDSA-AES128-GCM-SHA256
- ECDH-RSA-AES128-SHA256
- ECDH-ECDSA-AES128-SHA256
- ECDH-RSA-AES128-SHA
- ECDH-ECDSA-AES128-SHA
- AES128-GCM-SHA256
- AES128-SHA256
- AES128-SHA
- CAMELLIA128-SHA
- PSK-AES128-CBC-SHA
- ECDHE-RSA-DES-CBC3-SHA
- ECDHE-ECDSA-DES-CBC3-SHA
- SRP-DSS-3DES-EDE-CBC-SHA
- SRP-RSA-3DES-EDE-CBC-SHA
- SRP-3DES-EDE-CBC-SHA
- EDH-RSA-DES-CBC3-SHA
- EDH-DSS-DES-CBC3-SHA
- ECDH-RSA-DES-CBC3-SHA
- ECDH-ECDSA-DES-CBC3-SHA
- DES-CBC3-SHA
- DES-CBC3-MD5
- PSK-3DES-EDE-CBC-SHA
- DHE-RSA-SEED-SHA
- DHE-DSS-SEED-SHA
- SEED-SHA
- IDEA-CBC-SHA
- IDEA-CBC-MD5
- RC2-CBC-MD5
- ECDHE-RSA-RC4-SHA
- ECDHE-ECDSA-RC4-SHA
- ECDH-RSA-RC4-SHA
- ECDH-ECDSA-RC4-SHA
- RC4-SHA
- RC4-MD5
- RC4-MD5
- PSK-RC4-SHA

Low

Accepted Version

Cipher List

ALL:!aNULL:!eNULL

- TLS v1.2 only
(Strong)
- TLS v1.1 - TLS
v1.2
- TLS v1 - TLS v1.2
- SSL v3 - TLS v1.2
- SSL v2 - TLS v1.2
(Weak)

Cipher Suite

- ECDHE-RSA-AES256-GCM-SHA384
- ECDHE-ECDSA-AES256-GCM-SHA384
- ECDHE-RSA-AES256-SHA384
- ECDHE-ECDSA-AES256-SHA384
- ECDHE-RSA-AES256-SHA
- ECDHE-ECDSA-AES256-SHA
- SRP-DSS-AES-256-CBC-SHA
- SRP-RSA-AES-256-CBC-SHA
- SRP-AES-256-CBC-SHA
- DHE-DSS-AES256-GCM-SHA384
- DHE-RSA-AES256-GCM-SHA384
- DHE-RSA-AES256-SHA256
- DHE-DSS-AES256-SHA256
- DHE-RSA-AES256-SHA
- DHE-DSS-AES256-SHA
- DHE-RSA-CAMELLIA256-SHA
- DHE-DSS-CAMELLIA256-SHA
- ECDH-RSA-AES256-GCM-SHA384
- ECDH-ECDSA-AES256-GCM-SHA384
- ECDH-RSA-AES256-SHA384
- ECDH-ECDSA-AES256-SHA384
- ECDH-RSA-AES256-SHA
- ECDH-ECDSA-AES256-SHA
- AES256-GCM-SHA384
- AES256-SHA256
- AES256-SHA
- CAMELLIA256-SHA
- PSK-AES256-CBC-SHA
- ECDHE-RSA-AES128-GCM-SHA256
- ECDHE-ECDSA-AES128-GCM-SHA256
- ECDHE-RSA-AES128-SHA256
- ECDHE-ECDSA-AES128-SHA256
- ECDHE-RSA-AES128-SHA
- ECDHE-ECDSA-AES128-SHA
- SRP-DSS-AES-128-CBC-SHA
- SRP-RSA-AES-128-CBC-SHA
- SRP-AES-128-CBC-SHA
- DHE-DSS-AES128-GCM-SHA256
- DHE-RSA-AES128-GCM-SHA256
- DHE-RSA-AES128-SHA256
- DHE-DSS-AES128-SHA256
- DHE-RSA-AES128-SHA
- DHE-DSS-AES128-SHA
- DHE-RSA-SEED-SHA
- DHE-DSS-SEED-SHA
- DHE-RSA-CAMELLIA128-SHA
- DHE-DSS-CAMELLIA128-SHA
- ECDH-RSA-AES128-GCM-SHA256

- ECDH-ECDSA-AES128-GCM-SHA256
- ECDH-RSA-AES128-SHA256
- ECDH-ECDSA-AES128-SHA256
- ECDH-RSA-AES128-SHA
- ECDH-ECDSA-AES128-SHA
- AES128-GCM-SHA256
- AES128-SHA256
- AES128-SHA
- SEED-SHA
- CAMELLIA128-SHA
- IDEA-CBC-SHA
- IDEA-CBC-MD5
- RC2-CBC-MD5
- PSK-AES128-CBC-SHA
- ECDHE-RSA-RC4-SHA
- ECDHE-ECDSA-RC4-SHA
- ECDH-RSA-RC4-SHA
- ECDH-ECDSA-RC4-SHA
- RC4-SHA
- RC4-MD5
- RC4-MD5
- PSK-RC4-SHA
- ECDHE-RSA-DES-CBC3-SHA
- ECDHE-ECDSA-DES-CBC3-SHA
- SRP-DSS-3DES-EDE-CBC-SHA
- SRP-RSA-3DES-EDE-CBC-SHA
- SRP-3DES-EDE-CBC-SHA
- EDH-RSA-DES-CBC3-SHA
- EDH-DSS-DES-CBC3-SHA
- ECDH-RSA-DES-CBC3-SHA
- ECDH-ECDSA-DES-CBC3-SHA
- DES-CBC3-SHA
- DES-CBC3-MD5
- PSK-3DES-EDE-CBC-SHA
- EDH-RSA-DES-CBC-SHA
- EDH-DSS-DES-CBC-SHA
- DES-CBC-SHA
- DES-CBC-MD5
- EXP-EDH-RSA-DES-CBC-SHA
- EXP-EDH-DSS-DES-CBC-SHA
- EXP-DES-CBC-SHA
- EXP-RC2-CBC-MD5
- EXP-RC2-CBC-MD5
- EXP-RC4-MD5
- EXP-RC4-MD5

Additional information is available in [this article](#).

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