Cipher Suite	Name (OpenSSL)	KeyExch.	Encryption	Bits	Cipher Suite Name (RFC)
[0x00]	NULL-MD5	RSA(512)	None	None, export	TLS_NULL_WITH_NULL_NULL
[0x01]	NULL-MD5	RSA	None	None	TLS_RSA_WITH_NULL_MD5
[0x02]	NULL-SHA	RSA	None	None	TLS_RSA_WITH_NULL_SHA
[0x03]	EXP-RC4-MD5	RSA(512)	RC4	40, export	TLS_RSA_EXPORT_WITH_RC4_40_MD5
[0x04]	RC4-MD5	RSA	RC4	128	TLS_RSA_WITH_RC4_128_MD5
[0x05]	RC4-SHA	RSA	RC4	128	TLS_RSA_WITH_RC4_128_SHA
[0x06]	EXP-RC2-CBC-MD5	RSA(512)	RC2	40, export	TLS_RSA_EXPORT_WITH_RC2_CBC_40_MD5
[0x07]	IDEA-CBC-SHA	RSA	IDEA	128	TLS_RSA_WITH_IDEA_CBC_SHA
[0x08]	EXP-DES-CBC-SHA	RSA(512)	DES	40, export	TLS_RSA_EXPORT_WITH_DES40_CBC_SHA
[0x09]	DES-CBC-SHA	RSA	DES	56	TLS_RSA_WITH_DES_CBC_SHA
[0x0a]	DES-CBC3-SHA	RSA	3DES	168	TLS_RSA_WITH_3DES_EDE_CBC_SHA
[0x0b]	EXP-DH-DSS-DES-CBC-SHA	DH/DSS	DES	40, export	TLS_DH_DSS_EXPORT_WITH_DES40_CBC_SHA
[0x0c]	DH-DSS-DES-CBC-SHA	DH/DSS	DES	56	TLS_DH_DSS_WITH_DES_CBC_SHA
[0x0d]	DH-DSS-DES-CBC3-SHA	DH/DSS	3DES	168	TLS_DH_DSS_WITH_3DES_EDE_CBC_SHA
[0x0e]	EXP-DH-RSA-DES-CBC-SHA	DH/RSA	DES	40, export	TLS_DH_RSA_EXPORT_WITH_DES40_CBC_SHA
[0x0f]	DH-RSA-DES-CBC-SHA	DH/RSA	DES	56	TLS_DH_RSA_WITH_DES_CBC_SHA
[0x10]	DH-RSA-DES-CBC3-SHA	DH/RSA	3DES	168	TLS_DH_RSA_WITH_3DES_EDE_CBC_SHA
[0x11]	EXP-EDH-DSS-DES-CBC-SHA	DH(512)	DES	40, export	TLS_DHE_DSS_EXPORT_WITH_DES40_CBC_SHA
[0x12]	EDH-DSS-DES-CBC-SHA	DH	DES	56	TLS_DHE_DSS_WITH_DES_CBC_SHA
[0x13]	EDH-DSS-DES-CBC3-SHA	DH	3DES	168	TLS_DHE_DSS_WITH_3DES_EDE_CBC_SHA
[0x14]	EXP-EDH-RSA-DES-CBC-SHA	DH(512)	DES	40, export	TLS_DHE_RSA_EXPORT_WITH_DES40_CBC_SHA
[0x15]	EDH-RSA-DES-CBC-SHA	DH	DES	56	TLS_DHE_RSA_WITH_DES_CBC_SHA
[0x16]	EDH-RSA-DES-CBC3-SHA	DH	3DES	168	TLS_DHE_RSA_WITH_3DES_EDE_CBC_SHA
[0x17]	EXP-ADH-RC4-MD5	DH(512)	RC4	40, export	TLS_DH_anon_EXPORT_WITH_RC4_40_MD5
[0x18]	ADH-RC4-MD5	DH	RC4	128	TLS_DH_anon_WITH_RC4_128_MD5
[0x19]	EXP-ADH-DES-CBC-SHA	DH(512)	DES	40, export	TLS_DH_anon_EXPORT_WITH_DES40_CBC_SHA
[0x1a]	ADH-DES-CBC-SHA	DH	DES	56	TLS_DH_anon_WITH_DES_CBC_SHA
[0x1b]	ADH-DES-CBC3-SHA	DH	3DES	168	TLS_DH_anon_WITH_3DES_EDE_CBC_SHA
[0x1c]		FORTEZZA	None	None	SSL_FORTEZZA_KEA_WITH_NULL_SHA
[0x1d]		FORTEZZA	FORTEZZA_CBC	80	SSL_FORTEZZA_KEA_WITH_FORTEZZA_CBC_SHA
[0x1e]		FORTEZZA	FORTEZZA_RC4	128	SSL_FORTEZZA_KEA_WITH_RC4_128_SHA
[0x1e]	KRB5-DES-CBC-SHA	KRB5	DES	56	TLS_KRB5_WITH_DES_CBC_SHA
[0x1f]	KRB5-DES-CBC3-SHA	KRB5	3DES	168	TLS_KRB5_WITH_3DES_EDE_CBC_SHA
[0x20]	KRB5-RC4-SHA	KRB5	RC4	128	TLS_KRB5_WITH_RC4_128_SHA
[0x21]	KRB5-IDEA-CBC-SHA	KRB5	IDEA	128	TLS_KRB5_WITH_IDEA_CBC_SHA
[0x22]	KRB5-DES-CBC-MD5	KRB5	DES	56	TLS_KRB5_WITH_DES_CBC_MD5
[0x23]	KRB5-DES-CBC3-MD5	KRB5	3DES	168	TLS_KRB5_WITH_3DES_EDE_CBC_MD5
[0x24]	KRB5-RC4-MD5	KRB5	RC4	128	TLS_KRB5_WITH_RC4_128_MD5
[0x25]	KRB5-IDEA-CBC-MD5	KRB5	IDEA	128	TLS_KRB5_WITH_IDEA_CBC_MD5
[0x26]	EXP-KRB5-DES-CBC-SHA	KRB5	DES	40, export	TLS_KRB5_EXPORT_WITH_DES_CBC_40_SHA
[0x27]	EXP-KRB5-RC2-CBC-SHA	KRB5	RC2	40, export	TLS_KRB5_EXPORT_WITH_RC2_CBC_40_SHA
[0x28]	EXP-KRB5-RC4-SHA	KRB5	RC4	40, export	TLS_KRB5_EXPORT_WITH_RC4_40_SHA
[0x29]	EXP-KRB5-DES-CBC-MD5	KRB5	DES	40, export	TLS_KRB5_EXPORT_WITH_DES_CBC_40_MD5
[0x2a]	EXP-KRB5-RC2-CBC-MD5	KRB5	RC2	40, export	TLS_KRB5_EXPORT_WITH_RC2_CBC_40_MD5
[0x2b]	EXP-KRB5-RC4-MD5	KRB5	RC4	40, export	TLS_KRB5_EXPORT_WITH_RC4_40_MD5
[0x2c]	PSK-NULL-SHA	PSK	None	None	TLS_PSK_WITH_NULL_SHA
[0x2d]	DHE-PSK-NULL-SHA	DH/PSK	None	None	TLS_DHE_PSK_WITH_NULL_SHA
[0x2e]	RSA-PSK-NULL-SHA	RSA/PSK	None	None	TLS_RSA_PSK_WITH_NULL_SHA
[0x2f]	AES128-SHA	RSA	AES	128	TLS_RSA_WITH_AES_128_CBC_SHA
[0x30]	DH-DSS-AES128-SHA	DH/DSS	AES	128	TLS_DH_DSS_WITH_AES_128_CBC_SHA
[0x31]	DH-RSA-AES128-SHA	DH/RSA	AES	128	TLS_DH_RSA_WITH_AES_128_CBC_SHA
[0x32]	DHE-DSS-AES128-SHA	DH	AES	128	TLS_DHE_DSS_WITH_AES_128_CBC_SHA
[0x33]	DHE-RSA-AES128-SHA	DH	AES	128	TLS_DHE_RSA_WITH_AES_128_CBC_SHA
[0x34]	ADH-AES128-SHA	DH	AES	128	TLS_DH_anon_WITH_AES_128_CBC_SHA
[0x35]	AES256-SHA	RSA	AES	256	TLS_RSA_WITH_AES_256_CBC_SHA
[0x36]	DH-DSS-AES256-SHA	DH/DSS	AES	256	TLS_DH_DSS_WITH_AES_256_CBC_SHA
[0x37]	DH-RSA-AES256-SHA	DH/RSA	AES	256	TLS_DH_RSA_WITH_AES_256_CBC_SHA
[0x38]	DHE-DSS-AES256-SHA	DH	AES	256	TLS_DHE_DSS_WITH_AES_256_CBC_SHA
[0x39]	DHE-RSA-AES256-SHA	DH	AES	256	TLS_DHE_RSA_WITH_AES_256_CBC_SHA
[0x3a]	ADH-AES256-SHA	DH	AES	256	TLS_DH_anon_WITH_AES_256_CBC_SHA
[0x3b]	NULL-SHA256	RSA	None	None	TLS_RSA_WITH_NULL_SHA256
[0x3c]	AES128-SHA256	RSA	AES	128	TLS_RSA_WITH_AES_128_CBC_SHA256
[0x3d]	AES256-SHA256	RSA	AES	256	TLS_RSA_WITH_AES_256_CBC_SHA256
[0x3e]	DH-DSS-AES128-SHA256	DH/DSS	AES	128	TLS_DH_DSS_WITH_AES_128_CBC_SHA256
[0x3f]	DH-RSA-AES128-SHA256	DH/RSA	AES	128	TLS_DH_RSA_WITH_AES_128_CBC_SHA256
[0x40]	DHE-DSS-AES128-SHA256	DH	AES	128	TLS_DHE_DSS_WITH_AES_128_CBC_SHA256
[0x41]	CAMELLIA128-SHA	RSA	Camellia	128	TLS_RSA_WITH_CAMELLIA_128_CBC_SHA
[0x42]	DH-DSS-CAMELLIA128-SHA	DH/DSS	Camellia	128	TLS_DH_DSS_WITH_CAMELLIA_128_CBC_SHA
[0x43]	DH-RSA-CAMELLIA128-SHA	DH/RSA	Camellia	128	TLS_DH_RSA_WITH_CAMELLIA_128_CBC_SHA
[0x44]	DHE-DSS-CAMELLIA128-SHA	DH	Camellia	128	TLS_DHE_DSS_WITH_CAMELLIA_128_CBC_SHA

Cipher Suite	Name (OpenSSL)	KeyExch.	Encryption	Bits	Cipher Suite Name (RFC)
[0x45]	DHE-RSA-CAMELLIA128-SHA	DH	Camellia	128	TLS_DHE_RSA_WITH_CAMELLIA_128_CBC_SHA
[0x46]	ADH-CAMELLIA128-SHA	DH	Camellia	128	TLS_DH_anon_WITH_CAMELLIA_128_CBC_SHA
[0x60]	EXP1024-RC4-MD5	RSA(1024)	RC4	56, export	TLS_RSA_EXPORT1024_WITH_RC4_56_MD5
[0x61]	EXP1024-RC2-CBC-MD5	RSA(1024)	RC2	56, export	TLS_RSA_EXPORT1024_WITH_RC2_CBC_56_MD5
[0x62]	EXP1024-DES-CBC-SHA	RSA(1024)	DES	56, export	TLS_RSA_EXPORT1024_WITH_DES_CBC_SHA
[0x63]	EXP1024-DHE-DSS-DES-CBC-SHA	DH(1024)	DES	56, export	TLS_DHE_DSS_EXPORT1024_WITH_DES_CBC_SHA
[0x64]	EXP1024-RC4-SHA	RSA(1024)	RC4	56, export	TLS_RSA_EXPORT1024_WITH_RC4_56_SHA
[0x65]	EXP1024-DHE-DSS-RC4-SHA	DH(1024)	RC4	56, export	TLS_DHE_DSS_EXPORT1024_WITH_RC4_56_SHA
[0x66]	DHE-DSS-RC4-SHA	DH	RC4	128	TLS_DHE_DSS_WITH_RC4_128_SHA
[0x67]	DHE-RSA-AES128-SHA256	DH	AES	128	TLS_DHE_RSA_WITH_AES_128_CBC_SHA256
[0x68]	DH-DSS-AES256-SHA256	DH/DSS	AES	256	TLS_DH_DSS_WITH_AES_256_CBC_SHA256
[0x69]	DH-RSA-AES256-SHA256	DH/RSA	AES	256	TLS_DH_RSA_WITH_AES_256_CBC_SHA256
[0x6a]	DHE-DSS-AES256-SHA256	DH	AES	256	TLS_DHE_DSS_WITH_AES_256_CBC_SHA256
[0x6b]	DHE-RSA-AES256-SHA256	DH	AES	256	TLS_DHE_RSA_WITH_AES_256_CBC_SHA256
[0x6c]	ADH-AES128-SHA256	DH	AES	128	TLS_DH_anon_WITH_AES_128_CBC_SHA256
[0x6d]	ADH-AES256-SHA256	DH	AES	256	TLS_DH_anon_WITH_AES_256_CBC_SHA256
[0x80]	GOST94-GOST89-GOST89	VKO GOST 34.10-94	GOST89	256	TLS_GOSTR341094_WITH_28147_CNT_IMIT
[0x81]	GOST2001-GOST89-GOST89	VKO GOST 34.10-2001	GOST89	256	TLS_GOSTR341001_WITH_28147_CNT_IMIT
[0x82]	GOST94-NULL-GOST94	VKO GOST 34.10-94	eNULL	None	TLS_GOSTR341001_WITH_NULL_GOSTR3411
[0x83]	GOST2001-GOST89-GOST89	VKO GOST 34.10-2001	eNULL	None	TLS_GOSTR341094_WITH_NULL_GOSTR3411
[0x84]	CAMELLIA256-SHA	RSA	Camellia	256	TLS_RSA_WITH_CAMELLIA_256_CBC_SHA
[0x85]	DH-DSS-CAMELLIA256-SHA	DH/DSS	Camellia	256	TLS_DH_DSS_WITH_CAMELLIA_256_CBC_SHA
[0x86]	DH-RSA-CAMELLIA256-SHA	DH/RSA	Camellia	256	TLS_DH_RSA_WITH_CAMELLIA_256_CBC_SHA
[0x87]	DHE-DSS-CAMELLIA256-SHA	DH	Camellia	256	TLS_DHE_DSS_WITH_CAMELLIA_256_CBC_SHA
[0x88]	DHE-RSA-CAMELLIA256-SHA	DH	Camellia	256	TLS_DHE_RSA_WITH_CAMELLIA_256_CBC_SHA
[0x89]	ADH-CAMELLIA256-SHA	DH	Camellia	256	TLS_DH_anon_WITH_CAMELLIA_256_CBC_SHA
[0x8a]	PSK-RC4-SHA	PSK	RC4	128	TLS_PSK_WITH_RC4_128_SHA
[0x8b]	PSK-3DES-EDE-CBC-SHA	PSK	3DES	168	TLS_PSK_WITH_3DES_EDE_CBC_SHA
[0x8c]	PSK-AES128-CBC-SHA	PSK	AES	128	TLS_PSK_WITH_AES_128_CBC_SHA
[0x8d]	PSK-AES256-CBC-SHA	PSK	AES	256	TLS_PSK_WITH_AES_256_CBC_SHA
[0x8e]		PSK/DHE	RC4	128	TLS_DHE_PSK_WITH_RC4_128_SHA
[0x8f]		PSK/DHE	3DES	168	TLS_DHE_PSK_WITH_3DES_EDE_CBC_SHA
[0x90]		PSK/DHE	AES	128	TLS_DHE_PSK_WITH_AES_128_CBC_SHA
[0x91]		PSK/DHE	AES	256	TLS_DHE_PSK_WITH_AES_256_CBC_SHA
[0x92]		PSK/RSA	RC4	128	TLS_RSA_PSK_WITH_RC4_128_SHA
[0x93]		PSK/RSA	3DES	168	TLS_RSA_PSK_WITH_3DES_EDE_CBC_SHA
[0x94]		PSK/RSA	AES	128	TLS_RSA_PSK_WITH_AES_128_CBC_SHA
[0x95]		PSK/RSA	AES	256	TLS_RSA_PSK_WITH_AES_256_CBC_SHA
[0x96]	SEED-SHA	RSA	SEED	128	TLS_RSA_WITH_SEED_CBC_SHA
[0x97]	DH-DSS-SEED-SHA	DH/DSS	SEED	128	TLS_DH_DSS_WITH_SEED_CBC_SHA
[0x98]	DH-RSA-SEED-SHA	DH/RSA	SEED	128	TLS_DH_RSA_WITH_SEED_CBC_SHA
[0x99]	DHE-DSS-SEED-SHA	DH	SEED	128	TLS_DHE_DSS_WITH_SEED_CBC_SHA
[0x9a]	DHE-RSA-SEED-SHA	DH	SEED	128	TLS_DHE_RSA_WITH_SEED_CBC_SHA
[0x9b]	ADH-SEED-SHA	DH	SEED	128	TLS_DH_anon_WITH_SEED_CBC_SHA
[0x9c]	AES128-GCM-SHA256	RSA	AESGCM	128	TLS_RSA_WITH_AES_128_GCM_SHA256
[0x9d]	AES256-GCM-SHA384	RSA	AESGCM	256	TLS_RSA_WITH_AES_256_GCM_SHA384
[0x9e]	DHE-RSA-AES128-GCM-SHA256	DH	AESGCM	128	TLS_DHE_RSA_WITH_AES_128_GCM_SHA256
[0x9f]	DHE-RSA-AES256-GCM-SHA384	DH	AESGCM	256	TLS_DHE_RSA_WITH_AES_256_GCM_SHA384
[0xa0]	DH-RSA-AES128-GCM-SHA256	DH/RSA	AESGCM	128	TLS_DH_RSA_WITH_AES_128_GCM_SHA256
[0xa1]	DH-RSA-AES256-GCM-SHA384	DH/RSA	AESGCM	256	TLS_DH_RSA_WITH_AES_256_GCM_SHA384
[0xa2]	DHE-DSS-AES128-GCM-SHA256	DH	AESGCM	128	TLS_DHE_DSS_WITH_AES_128_GCM_SHA256
[0xa3]	DHE-DSS-AES256-GCM-SHA384	DH	AESGCM	256	TLS_DHE_DSS_WITH_AES_256_GCM_SHA384
[0xa4]	DH-DSS-AES128-GCM-SHA256	DH/DSS	AESGCM	128	TLS_DH_DSS_WITH_AES_128_GCM_SHA256
[0xa5]	DH-DSS-AES256-GCM-SHA384	DH/DSS	AESGCM	256	TLS_DH_DSS_WITH_AES_256_GCM_SHA384
[0xa6]	ADH-AES128-GCM-SHA256	DH	AESGCM	128	TLS_DH_anon_WITH_AES_128_GCM_SHA256
[0xa7]	ADH-AES256-GCM-SHA384	DH	AESGCM	256	TLS_DH_anon_WITH_AES_256_GCM_SHA384
[0xba]	CAMELLIA128-SHA256	RSA	Camellia	128	TLS_RSA_WITH_CAMELLIA_128_CBC_SHA256
[0xbb]	DH-DSS-CAMELLIA128-SHA256	DH/DSS	Camellia	128	TLS_DH_DSS_WITH_CAMELLIA_128_CBC_SHA256
[0xbc]	DH-RSA-CAMELLIA128-SHA256	DH/RSA	Camellia	128	TLS_DH_RSA_WITH_CAMELLIA_128_CBC_SHA256
[0xbd]	DHE-DSS-CAMELLIA128-SHA256	DH	Camellia	128	TLS_DHE_DSS_WITH_CAMELLIA_128_CBC_SHA256
[0xbe]	DHE-RSA-CAMELLIA128-SHA256	DH	Camellia	128	TLS_DHE_RSA_WITH_CAMELLIA_128_CBC_SHA256
[0xbf]	ADH-CAMELLIA128-SHA256	DH	Camellia	128	TLS_DH_anon_WITH_CAMELLIA_128_CBC_SHA256
[0x5600]	TLS_FALLBACK_SCSV				TLS_EMPTY_RENEGOTIATION_INFO_SCSV
[0xc001]	ECDH-ECDSA-NULL-SHA	ECDH/ECDSA	None	None	TLS_ECDH_ECDSA_WITH_NULL_SHA
[0xc002]	ECDH-ECDSA-RC4-SHA	ECDH/ECDSA	RC4	128	TLS_ECDH_ECDSA_WITH_RC4_128_SHA
[0xc003]	ECDH-ECDSA-DES-CBC3-SHA	ECDH/ECDSA	3DES	168	TLS_ECDH_ECDSA_WITH_3DES_EDE_CBC_SHA
[0xc004]	ECDH-ECDSA-AES128-SHA	ECDH/ECDSA	AES	128	TLS_ECDH_ECDSA_WITH_AES_128_CBC_SHA
[0xc005]	ECDH-ECDSA-AES256-SHA	ECDH/ECDSA	AES	256	TLS_ECDH_ECDSA_WITH_AES_256_CBC_SHA

Cipher Suite	Name (OpenSSL)	KeyExch.	Encryption	Bits	Cipher Suite Name (RFC)
[0xc006]	ECDHE-ECDSA-NULL-SHA	ECDH	None	None	TLS_ECDHE_ECDSA_WITH_NULL_SHA
[0xc007]	ECDHE-ECDSA-RC4-SHA	ECDH	RC4	128	TLS_ECDHE_ECDSA_WITH_RC4_128_SHA
[0xc008]	ECDHE-ECDSA-DES-CBC3-SHA	ECDH	3DES	168	TLS_ECDHE_ECDSA_WITH_3DES_EDE_CBC_SHA
[0xc009]	ECDHE-ECDSA-AES128-SHA	ECDH	AES	128	TLS_ECDHE_ECDSA_WITH_AES_128_CBC_SHA
[0xc00a]	ECDHE-ECDSA-AES256-SHA	ECDH	AES	256	TLS_ECDHE_ECDSA_WITH_AES_256_CBC_SHA
[0xc00b]	ECDH-RSA-NULL-SHA	ECDH/RSA	None	None	TLS_ECDH_RSA_WITH_NULL_SHA
[0xc00c]	ECDH-RSA-RC4-SHA	ECDH/RSA	RC4	128	TLS_ECDH_RSA_WITH_RC4_128_SHA
[0xc00d]	ECDH-RSA-DES-CBC3-SHA	ECDH/RSA	3DES	168	TLS_ECDH_RSA_WITH_3DES_EDE_CBC_SHA
[0xc00e]	ECDH-RSA-AES128-SHA	ECDH/RSA	AES	128	TLS_ECDH_RSA_WITH_AES_128_CBC_SHA
[0xc00f]	ECDH-RSA-AES256-SHA	ECDH/RSA	AES	256	TLS_ECDH_RSA_WITH_AES_256_CBC_SHA
[0xc010]	ECDHE-RSA-NULL-SHA	ECDH	None	None	TLS_ECDHE_RSA_WITH_NULL_SHA
[0xc011]	ECDHE-RSA-RC4-SHA	ECDH	RC4	128	TLS_ECDHE_RSA_WITH_RC4_128_SHA
[0xc012]	ECDHE-RSA-DES-CBC3-SHA	ECDH	3DES	168	TLS_ECDHE_RSA_WITH_3DES_EDE_CBC_SHA
[0xc013]	ECDHE-RSA-AES128-SHA	ECDH	AES	128	TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA
[0xc014]	ECDHE-RSA-AES256-SHA	ECDH	AES	256	TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA
[0xc015]	AECDH-NULL-SHA	ECDH	None	None	TLS_ECDH_anon_WITH_NULL_SHA
[0xc016]	AECDH-RC4-SHA	ECDH	RC4	128	TLS_ECDH_anon_WITH_RC4_128_SHA
[0xc017]	AECDH-DES-CBC3-SHA	ECDH	3DES	168	TLS_ECDH_anon_WITH_3DES_EDE_CBC_SHA
[0xc018]	AECDH-AES128-SHA	ECDH	AES	128	TLS_ECDH_anon_WITH_AES_128_CBC_SHA
[0xc019]	AECDH-AES256-SHA	ECDH	AES	256	TLS_ECDH_anon_WITH_AES_256_CBC_SHA
[0xc01a]	SRP-3DES-EDE-CBC-SHA	SRP	3DES	168	TLS_SRP_SHA_WITH_3DES_EDE_CBC_SHA
[0xc01b]	SRP-RSA-3DES-EDE-CBC-SHA	SRP	3DES	168	TLS_SRP_SHA_RSA_WITH_3DES_EDE_CBC_SHA
[0xc01c]	SRP-DSS-3DES-EDE-CBC-SHA	SRP	3DES	168	TLS_SRP_SHA_DSS_WITH_3DES_EDE_CBC_SHA
[0xc01d]	SRP-AES-128-CBC-SHA	SRP	AES	128	TLS_SRP_SHA_WITH_AES_128_CBC_SHA
[0xc01e]	SRP-RSA-AES-128-CBC-SHA	SRP	AES	128	TLS_SRP_SHA_RSA_WITH_AES_128_CBC_SHA
[0xc01f]	SRP-DSS-AES-128-CBC-SHA	SRP	AES	128	TLS_SRP_SHA_DSS_WITH_AES_128_CBC_SHA
[0xc020]	SRP-AES-256-CBC-SHA	SRP	AES	256	TLS_SRP_SHA_WITH_AES_256_CBC_SHA
[0xc021]	SRP-RSA-AES-256-CBC-SHA	SRP	AES	256	TLS_SRP_SHA_RSA_WITH_AES_256_CBC_SHA
[0xc022]	SRP-DSS-AES-256-CBC-SHA	SRP	AES	256	TLS_SRP_SHA_DSS_WITH_AES_256_CBC_SHA
[0xc023]	ECDHE-ECDSA-AES128-SHA256	ECDH	AES	128	TLS_ECDHE_ECDSA_WITH_AES_128_CBC_SHA256
[0xc024]	ECDHE-ECDSA-AES256-SHA384	ECDH	AES	256	TLS_ECDHE_ECDSA_WITH_AES_256_CBC_SHA384
[0xc025]	ECDH-ECDSA-AES128-SHA256	ECDH/ECDSA	AES	128	TLS_ECDH_ECDSA_WITH_AES_128_CBC_SHA256
[0xc026]	ECDH-ECDSA-AES256-SHA384	ECDH/ECDSA	AES	256	TLS_ECDH_ECDSA_WITH_AES_256_CBC_SHA384
[0xc027]	ECDHE-RSA-AES128-SHA256	ECDH	AES	128	TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA256
[0xc028]	ECDHE-RSA-AES256-SHA384	ECDH	AES	256	TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384
[0xc029]	ECDH-RSA-AES128-SHA256	ECDH/RSA	AES	128	TLS_ECDH_RSA_WITH_AES_128_CBC_SHA256
[0xc02a]	ECDH-RSA-AES256-SHA384	ECDH/RSA	AES	256	TLS_ECDH_RSA_WITH_AES_256_CBC_SHA384
[0xc02b]	ECDHE-ECDSA-AES128-GCM-SHA256	ECDH	AESGCM	128	TLS_ECDHE_ECDSA_WITH_AES_128_GCM_SHA256
[0xc02c]	ECDHE-ECDSA-AES256-GCM-SHA384	ECDH	AESGCM	256	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384
[0xc02d]	ECDH-ECDSA-AES128-GCM-SHA256	ECDH/ECDSA	AESGCM	128	TLS_ECDH_ECDSA_WITH_AES_128_GCM_SHA256
[0xc02e]	ECDH-ECDSA-AES256-GCM-SHA384	ECDH/ECDSA	AESGCM	256	TLS_ECDH_ECDSA_WITH_AES_256_GCM_SHA384
[0xc02f]	ECDHE-RSA-AES128-GCM-SHA256	ECDH	AESGCM	128	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256
[0xc030]	ECDHE-RSA-AES256-GCM-SHA384	ECDH	AESGCM	256	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384
[0xc031]	ECDH-RSA-AES128-GCM-SHA256	ECDH/RSA	AESGCM	128	TLS_ECDH_RSA_WITH_AES_128_GCM_SHA256
[0xc032]	ECDH-RSA-AES256-GCM-SHA384	ECDH/RSA	AESGCM	256	TLS_ECDH_RSA_WITH_AES_256_GCM_SHA384
[0xc033]	ECDHE-PSK-RC4-SHA	PSK/ECDHE	RC4	128	TLS_ECDHE_PSK_WITH_RC4_128_SHA
[0xc034]	ECDHE-PSK-3DES-EDE-CBC-SHA	PSK/ECDHE	3DES	168	TLS_ECDHE_PSK_WITH_3DES_EDE_CBC_SHA
[0xc035]	ECDHE-PSK-AES128-CBC-SHA	PSK/ECDHE	AES	128	TLS_ECDHE_PSK_WITH_AES_128_CBC_SHA
[0xc036]	ECDHE-PSK-AES256-CBC-SHA	PSK/ECDHE	AES	256	TLS_ECDHE_PSK_WITH_AES_256_CBC_SHA
[0xc037]	ECDHE-PSK-AES128-CBC-SHA256	PSK/ECDHE	AES	128	TLS_ECDHE_PSK_WITH_AES_128_CBC_SHA256
[0xc038]	ECDHE-PSK-AES256-CBC-SHA384	PSK/ECDHE	AES	256	TLS_ECDHE_PSK_WITH_AES_256_CBC_SHA384
[0xc039]	ECDHE-PSK-NULL-SHA	PSK/ECDHE	None	None	TLS_ECDHE_PSK_WITH_NULL_SHA
[0xc03A]	ECDHE-PSK-NULL-SHA256	PSK/ECDHE	None	None	TLS_ECDHE_PSK_WITH_NULL_SHA256
[0xc03B]	ECDHE-PSK-NULL-SHA384	PSK/ECDHE	None	None	TLS_ECDHE_PSK_WITH_NULL_SHA384
[0xc03C]					TLS_RSA_WITH_ARIA_128_CBC_SHA256
[0xc03D]					TLS_RSA_WITH_ARIA_256_CBC_SHA384
[0xc03E]					TLS_DH_DSS_WITH_ARIA_128_CBC_SHA256
[0xc03F]					TLS_DH_DSS_WITH_ARIA_256_CBC_SHA384
[0xc040]					TLS_DH_RSA_WITH_ARIA_128_CBC_SHA256
[0xc041]					TLS_DH_RSA_WITH_ARIA_256_CBC_SHA384
[0xc042]					TLS_DHE_DSS_WITH_ARIA_128_CBC_SHA256
[0xc043]					TLS_DHE_DSS_WITH_ARIA_256_CBC_SHA384
[0xc044]					TLS_DHE_RSA_WITH_ARIA_128_CBC_SHA256
[0xc045]					TLS_DHE_RSA_WITH_ARIA_256_CBC_SHA384
[0xc046]					TLS_DH_anon_WITH_ARIA_128_CBC_SHA256
[0xc047]					TLS_DH_anon_WITH_ARIA_256_CBC_SHA384
[0xc048]					TLS_ECDHE_ECDSA_WITH_ARIA_128_CBC_SHA256
[0xc049]					TLS_ECDHE_ECDSA_WITH_ARIA_256_CBC_SHA384
[0xc04A]					TLS_ECDH_ECDSA_WITH_ARIA_128_CBC_SHA256
[0xc04B]					TLS_ECDH_ECDSA_WITH_ARIA_256_CBC_SHA384
[0xc04C]					TLS_ECDHE_RSA_WITH_ARIA_128_CBC_SHA256
[0xc04D]					TLS_ECDHE_RSA_WITH_ARIA_256_CBC_SHA384

Cipher Suite	Name (OpenSSL)	KeyExch.	Encryption	Bits	Cipher Suite Name (RFC)
[0xc04E]					TLS_ECDH_RSA_WITH_ARIA_128_CBC_SHA256
[0xc04F]					TLS_ECDH_RSA_WITH_ARIA_256_CBC_SHA384
[0xc050]					TLS_RSA_WITH_ARIA_128_GCM_SHA256
[0xc051]					TLS_RSA_WITH_ARIA_256_GCM_SHA384
[0xc052]					TLS_DHE_RSA_WITH_ARIA_128_GCM_SHA256
[0xc053]					TLS_DHE_RSA_WITH_ARIA_256_GCM_SHA384
[0xc054]					TLS_DH_RSA_WITH_ARIA_128_GCM_SHA256
[0xc055]					TLS_DH_RSA_WITH_ARIA_256_GCM_SHA384
[0xc056]					TLS_DHE_DSS_WITH_ARIA_128_GCM_SHA256
[0xc057]					TLS_DHE_DSS_WITH_ARIA_256_GCM_SHA384
[0xc058]					TLS_DH_DSS_WITH_ARIA_128_GCM_SHA256
[0xc059]					TLS_DH_DSS_WITH_ARIA_256_GCM_SHA384
[0xc05A]					TLS_DH_anon_WITH_ARIA_128_GCM_SHA256
[0xc05B]					TLS_DH_anon_WITH_ARIA_256_GCM_SHA384
[0xc05C]					TLS_ECDHE_ECDSA_WITH_ARIA_128_GCM_SHA256
[0xc05D]					TLS_ECDHE_ECDSA_WITH_ARIA_256_GCM_SHA384
[0xc05E]					TLS_ECDH_ECDSA_WITH_ARIA_128_GCM_SHA256
[0xc05F]					TLS_ECDH_ECDSA_WITH_ARIA_256_GCM_SHA384
[0xc060]					TLS_ECDHE_RSA_WITH_ARIA_128_GCM_SHA256
[0xc061]					TLS_ECDHE_RSA_WITH_ARIA_256_GCM_SHA384
[0xc062]					TLS_ECDH_RSA_WITH_ARIA_128_GCM_SHA256
[0xc063]					TLS_ECDH_RSA_WITH_ARIA_256_GCM_SHA384
[0xc064]					TLS_PSK_WITH_ARIA_128_CBC_SHA256
[0xc065]					TLS_PSK_WITH_ARIA_256_CBC_SHA384
[0xc066]					TLS_DHE_PSK_WITH_ARIA_128_CBC_SHA256
[0xc067]					TLS_DHE_PSK_WITH_ARIA_256_CBC_SHA384
[0xc068]					TLS_RSA_PSK_WITH_ARIA_128_CBC_SHA256
[0xc069]					TLS_RSA_PSK_WITH_ARIA_256_CBC_SHA384
[0xc06A]					TLS_PSK_WITH_ARIA_128_GCM_SHA256
[0xc06B]					TLS_PSK_WITH_ARIA_256_GCM_SHA384
[0xc06C]					TLS_DHE_PSK_WITH_ARIA_128_GCM_SHA256
[0xc06D]					TLS_DHE_PSK_WITH_ARIA_256_GCM_SHA384
[0xc06E]					TLS_RSA_PSK_WITH_ARIA_128_GCM_SHA256
[0xc06F]					TLS_RSA_PSK_WITH_ARIA_256_GCM_SHA384
[0xc070]					TLS_ECDHE_PSK_WITH_ARIA_128_CBC_SHA256
[0xc071]					TLS_ECDHE_PSK_WITH_ARIA_256_CBC_SHA384
[0xc072]	ECDHE-ECDSA-CAMELLIA128-SHA256	ECDH	Camellia	128	TLS_ECDHE_ECDSA_WITH_CAMELLIA_128_CBC_SHA256
[0xc073]	ECDHE-ECDSA-CAMELLIA256-SHA38	ECDH	Camellia	256	TLS_ECDHE_ECDSA_WITH_CAMELLIA_256_CBC_SHA384
[0xc074]	ECDH-ECDSA-CAMELLIA128-SHA256	ECDH/ECDSA	Camellia	128	TLS_ECDH_ECDSA_WITH_CAMELLIA_128_CBC_SHA256
[0xc075]	ECDH-ECDSA-CAMELLIA256-SHA384	ECDH/ECDSA	Camellia	256	TLS_ECDH_ECDSA_WITH_CAMELLIA_256_CBC_SHA384
[0xc076]	ECDHE-RSA-CAMELLIA128-SHA256	ECDH	Camellia	128	TLS_ECDHE_RSA_WITH_CAMELLIA_128_CBC_SHA256
[0xc077]	ECDHE-RSA-CAMELLIA256-SHA384	ECDH	Camellia	256	TLS_ECDHE_RSA_WITH_CAMELLIA_256_CBC_SHA384
[0xc078]	ECDH-RSA-CAMELLIA128-SHA256	ECDH/RSA	Camellia	128	TLS_ECDH_RSA_WITH_CAMELLIA_128_CBC_SHA256
[0xc079]	ECDH-RSA-CAMELLIA256-SHA384	ECDH/RSA	Camellia	256	TLS_ECDH_RSA_WITH_CAMELLIA_256_CBC_SHA384
[0xc07A]					TLS_RSA_WITH_CAMELLIA_128_GCM_SHA256
[0xc07B]					TLS_RSA_WITH_CAMELLIA_256_GCM_SHA384
[0xc07C]					TLS_DHE_RSA_WITH_CAMELLIA_128_GCM_SHA256
[0xc07D]					TLS_DHE_RSA_WITH_CAMELLIA_256_GCM_SHA384
[0xc07E]					TLS_DH_RSA_WITH_CAMELLIA_128_GCM_SHA256
[0xc07F]					TLS_DH_RSA_WITH_CAMELLIA_256_GCM_SHA384
[0xc080]					TLS_DHE_DSS_WITH_CAMELLIA_128_GCM_SHA256
[0xc081]					TLS_DHE_DSS_WITH_CAMELLIA_256_GCM_SHA384
[0xc082]					TLS_DH_DSS_WITH_CAMELLIA_128_GCM_SHA256
[0xc083]					TLS_DH_DSS_WITH_CAMELLIA_256_GCM_SHA384
[0xc084]					TLS_DH_anon_WITH_CAMELLIA_128_GCM_SHA256
[0xc085]					TLS_DH_anon_WITH_CAMELLIA_256_GCM_SHA384
[0xc086]					TLS_ECDHE_ECDSA_WITH_CAMELLIA_128_GCM_SHA256
[0xc087]					TLS_ECDHE_ECDSA_WITH_CAMELLIA_256_GCM_SHA384
[0xc088]					TLS_ECDH_ECDSA_WITH_CAMELLIA_128_GCM_SHA256
[0xc089]					TLS_ECDH_ECDSA_WITH_CAMELLIA_256_GCM_SHA384
[0xc08A]					TLS_ECDHE_RSA_WITH_CAMELLIA_128_GCM_SHA256
[0xc08B]					TLS_ECDHE_RSA_WITH_CAMELLIA_256_GCM_SHA384
[0xc08C]					TLS_ECDH_RSA_WITH_CAMELLIA_128_GCM_SHA256
[0xc08D]					TLS_ECDH_RSA_WITH_CAMELLIA_256_GCM_SHA384
[0xc08E]					TLS_PSK_WITH_CAMELLIA_128_GCM_SHA256
[0xc08F]					TLS_PSK_WITH_CAMELLIA_256_GCM_SHA384
[0xc090]					TLS_DHE_PSK_WITH_CAMELLIA_128_GCM_SHA256
[0xc091]					TLS_DHE_PSK_WITH_CAMELLIA_256_GCM_SHA384
[0xc092]					TLS_RSA_PSK_WITH_CAMELLIA_128_GCM_SHA256
[0xc093]					TLS_RSA_PSK_WITH_CAMELLIA_256_GCM_SHA384
[0xc094]	PSK-CAMELLIA128-SHA256	PSK	CAMELLIA	128	TLS_PSK_WITH_CAMELLIA_128_CBC_SHA256
[0xc095]	PSK-CAMELLIA256-SHA384	PSK	CAMELLIA	256	TLS_PSK_WITH_CAMELLIA_256_CBC_SHA384

Cipher Suite	Name (OpenSSL)	KeyExch.	Encryption	Bits	Cipher Suite Name (RFC)
[0xc096]	DHE-PSK-CAMELLIA128-SHA256	PSK/DHE	CAMELLIA	128	TLS_DHE_PSK_WITH_CAMELLIA_128_CBC_SHA256
[0xc097]	DHE-PSK-CAMELLIA256-SHA384	PSK/DHE	CAMELLIA	256	TLS_DHE_PSK_WITH_CAMELLIA_256_CBC_SHA384
[0xc098]	RSA-PSK-CAMELLIA128-SHA256	PSK/RSA	CAMELLIA	128	TLS_RSA_PSK_WITH_CAMELLIA_128_CBC_SHA256
[0xc099]	RSA-PSK-CAMELLIA256-SHA384	PSK/RSA	CAMELLIA	256	TLS_RSA_PSK_WITH_CAMELLIA_256_CBC_SHA384
[0xc09A]	ECDHE-PSK-CAMELLIA128-SHA25	PSK/ECDHE	CAMELLIA	128	TLS_ECDHE_PSK_WITH_CAMELLIA_128_CBC_SHA256
[0xc09B]	ECDHE-PSK-CAMELLIA256-SHA38	PSK/ECDHE	CAMELLIA	256	TLS_ECDHE_PSK_WITH_CAMELLIA_256_CBC_SHA384
[0xc09c]	AES128-CCM	RSA	AESCCM	128	TLS_RSA_WITH_AES_128_CCM
[0xc09d]	AES256-CCM	RSA	AESCCM	256	TLS_RSA_WITH_AES_256_CCM
[0xc09e]	DHE-RSA-AES128-CCM	DH	AESCCM	128	TLS_DHE_RSA_WITH_AES_128_CCM
[0xc09f]	DHE-RSA-AES256-CCM	DH	AESCCM	256	TLS_DHE_RSA_WITH_AES_256_CCM
[0xc0a0]	AES128-CCM8	RSA	AESCCM8	128	TLS_RSA_WITH_AES_128_CCM_8
[0xc0a1]	AES256-CCM8	RSA	AESCCM8	256	TLS_RSA_WITH_AES_256_CCM_8
[0xc0a2]	DHE-RSA-AES128-CCM8	DH	AESCCM8	128	TLS_DHE_RSA_WITH_AES_128_CCM_8
[0xc0a3]	DHE-RSA-AES256-CCM8	DH	AESCCM8	256	TLS_DHE_RSA_WITH_AES_256_CCM_8
[0xc0a4]	PSK-AES128-CCM	PSK	AESCCM	128	TLS_PSK_WITH_AES_128_CCM
[0xc0a5]	PSK-AES256-CCM	PSK	AESCCM	256	TLS_PSK_WITH_AES_256_CCM
[0xc0a6]	DHE-PSK-AES128-CCM	PSK/DHE	AESCCM	128	TLS_DHE_PSK_WITH_AES_128_CCM
[0xc0a7]	DHE-PSK-AES256-CCM	PSK/DHE	AESCCM	256	TLS_DHE_PSK_WITH_AES_256_CCM
[0xc0a8]	PSK-AES128-CCM8	PSK	AESCCM8	128	TLS_PSK_WITH_AES_128_CCM_8
[0xc0a9]	PSK-AES256-CCM8	PSK	AESCCM8	256	TLS_PSK_WITH_AES_256_CCM_8
[0xc0aa]	DHE-PSK-AES128-CCM8	PSK/DHE	AESCCM8	128	TLS_PSK_DHE_WITH_AES_128_CCM_8
[0xc0ab]	DHE-PSK-AES256-CCM8	PSK/DHE	AESCCM8	256	TLS_PSK_DHE_WITH_AES_256_CCM_8
[0xc0ac]	ECDHE-ECDSA-AES128-CCM	ECDH	AESCCM	128	TLS_ECDHE_ECDSA_WITH_AES_128_CCM
[0xc0ad]	ECDHE-ECDSA-AES256-CCM	ECDH	AESCCM	256	TLS_ECDHE_ECDSA_WITH_AES_256_CCM
[0xc0ae]	ECDHE-ECDSA-AES128-CCM8	ECDH	AESCCM	128	TLS_ECDHE_ECDSA_WITH_AES_128_CCM_8
[0xc0af]	ECDHE-ECDSA-AES256-CCM8	ECDH	AESCCM	256	TLS_ECDHE_ECDSA_WITH_AES_256_CCM_8
[0xcc13]	ECDHE-RSA-CHACHA20-POLY1305-OLD	ECDH	ChaCha20-Poly1305		TLS_ECDHE_RSA_WITH_CHACHA20_POLY1305_SHA256_OL
[0xcc14]	ECDHE-ECDSA-CHACHA20-POLY1305-OLD	ECDH	ChaCha20-Poly1305		TLS_ECDHE_ECDSA_WITH_CHACHA20_POLY1305_SHA256_
[0xcc15]	DHE-RSA-CHACHA20-POLY1305-OLD	DH	ChaCha20-Poly1305		TLS_DHE_RSA_WITH_CHACHA20_POLY1305_SHA256_OLD
[0xff00]	GOST-MD5	RSA	GOST89	256	TLS_GOSTR341094_RSA_WITH_28147_CNT_MD5
[0xff01]	GOST-GOST94	RSA	GOST89	256	TLS_RSA_WITH_28147_CNT_GOST94
[0xff02]	GOST-GOST89MAC	RSA	GOST89	256	
[0xff03]	GOST-GOST89STREAM	RSA	GOST89	256	
[0xfefe]		RSA	DES	56	SSL_RSA_FIPS_WITH_DES_CBC_SHA
[0xfeff]		RSA	3DES	168	SSL_RSA_FIPS_WITH_3DES_EDE_CBC_SHA
[0xfee0]		RSA	3DES	168	SSL_RSA_FIPS_WITH_3DES_EDE_CBC_SHA
[0xfee1]		RSA	DES	56	SSL_RSA_FIPS_WITH_DES_CBC_SHA
[0x010080]	RC4-MD5	RSA	RC4	128	SSL_CK_RC4_128_WITH_MD5
[0x020080]	EXP-RC4-MD5	RSA(512)	RC4	40, export	SSL_CK_RC4_128_EXPORT40_WITH_MD5
[0x030080]	RC2-CBC-MD5	RSA	RC2	128	SSL_CK_RC2_128_CBC_WITH_MD5
[0x040080]	EXP-RC2-CBC-MD5	RSA(512)	RC2	40, export	SSL_CK_RC2_128_CBC_EXPORT40_WITH_MD5
[0x050080]	IDEA-CBC-MD5	RSA	IDEA	128	SSL_CK_IDEA_128_CBC_WITH_MD5
[0x060040]	DES-CBC-MD5	RSA	DES	56	SSL_CK_DES_64_CBC_WITH_MD5
[0x0700c0]	DES-CBC3-MD5	RSA	3DES	168	SSL_CK_DES_192_EDE3_CBC_WITH_MD5
[0x080080]	RC4-64-MD5	RSA	RC4	64	SSL_CK_RC4_64_WITH_MD5