
From: S A [REDACTED]
Sent: Friday, June 7, 2013 11:17 PM
To: Jeffrey Epstein
Subject: Re:

Welcome dear cousin ,am in Somali land hope go back to dubai Saturday evening,,,Insha Allah

Sent from my iPad

On Jun 7, 2013, at 15:05, "Jeffrey Epstein" <jeevacation@gmail.com <mailto:jeevacation@gmail.com> > wrote:

I am here in paris

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communication or any part thereof is strict

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-159=@- | @ç -159=@- | @+ -159=@— @◀ -159=@• @| -159=@• @!! -159=@□ @¶ -159=@□ @⊥ -
159=@□ | @⊥ -159=@□ | @| -159=@□ | @↑ -159=@□ | @| -159=@□ - @→ -159=@ @← -159=@ @ -159=@
@ -159=@ @- -159=@
@ -159=@
@ -159=@

@! -159=@

@ " -159=@ @# -159=@ @\$ -159=@

@% -159=@

@& -159=@

γ @' -159=@ϕ @(-159=@ϕ @) -159=@◀ @* -159=@◀ @+ -159=@! @, -
159=@! □?ϕγϕϕ(ϕϕϕϕ(ϕxϕϕϕ↑j h j ϕ|ϕ| h | ϕ-

-X- P (t + X

H



X



|X| |H| |x| + d T @-4 (x
!(x!"#T##H\$% 159=I@ |ModuleIDH? 159=E@ | ^SSID L@ 159=I@ |Manifest-PA 159=M
@ | ^ ModuleNameTB 159=Q@ | ^

ProductVersionLC 159=I@||-VendorLD 159=I@|-●CspType7LE 159=I@|●CspFlags7TF 159=Q@|

CspCustomFlags LG 159=I@ | UseTags PH 159=M@ |
SampleTypes TI 159=Q@ |
AcSubjectTypes LJ 159=I@ |

AuthTags•LK 159=I@-ModuleIDHL 159=E@- SSID LM 159=I@-•UseTag PN 159=M@-
ContextType LO 159=I@-•AlgType LP 159=I@-•GroupID TQ 159=Q@- AttributeType TR 159=Q@-•

AttributeValue•PS 159=M@-
DescriptionLT 159=I@•ModuleIDHU 159=E@• SSID PV 159=M@•
ProductDescTW 159=Q@• ProductVendorTX 159=Q@•

ProductFlags; PZ 159=M@●-
CustomFlags; P[159=M@●●

StandardDescT\ 159=Q@••StandardVersionP] 159=M@• ReaderDescP^ 159=M@•

ReaderVendorT_ 159=Q@●
ReaderVersion\` 159=Y@●

⊥ReaderFirmwareVersionPa 159=M@●
ReaderFlagsγXb 159=U@●

◀ReaderCustomFlags;Xc 159=U@•¶↑ReaderSerialNumberLd 159=I@◻◻ModuleIDHe 159=E@◻ ↓SSID;Lf 159=I@◻-S
cDescLg 159=I@◻◻ScVendorPh 159=M@◻^l
ScVersionXi 159=U@◻|◻ScFirmwareVersionLj 159=I@◻-•ScFlags;Tk 159=Q@◻• ScCustomFlags;TI 159=Q@◻◻

ScSerialNumberLm 159=I@ □ModuleIDHn 159=E@ ⌋SSID⌋ Lo 159=I@ ⌋ □Manifest-Pp 159=M@ ⌋
ModuleNameTq 159=Q@ ⌋

ProductVersionLr 159=I@ |—VendorLs 159=I@ —DLType1Tt 159=Q@ •QueryLimitsFlag1Pu 159=M@
SampleTypes•Tv 159=Q@ AcSubjectTypes•Lw 159=I@ AuthTags•Tx 159=Q@

RelationalOps•Lz 159=|@ ModuleIDH{ 159=E@ SSID1P| 159=M@ 1
ProductDescT} 159=Q@ ProductVendorT~ 159=Q@

StandardDescT 159=Q@ •StandardVersionL 159=I@ ProtocolT 159=Q@ RetrievalModeL 159=I@
ModuleIDH 159=E@
└SSIDL 159=I@
└Manifest-P 159=M@
└ModuleNameT 159=Q@
└

ProductVersionL 159=l@

| -VendorT 159=Q@

-

CertTypeFormat1 T 159=Q@

• CrlTypeFormat1 T 159=Q@



CertFieldNames-T 159=Q@

†BundleTypeFormat•X 159=U@

◀XlationTypeFormat•X 159=U@

‡TemplateFieldNames-L 159=I@

SSID P 159=M@

7
ProductDescT 159=Q@

|

• StandardVersionL 159=I@ ModuleIDH 159=E@ SSID L 159=I@ Manifest-P 159=M@
ModuleNameT 159=Q@

ProductVersionL 159=I@ | -VendorT 159=Q@ -

CertTypeFormat P 159=M@ •

SampleTypes T 159=Q@ AcSubjectTypes L 159=I@ AuthTags L 159=I@

SSID H 159=E@

Value-L 159=I@ModuleIDH 159=E@ SSID-P 159=M@
ProductDescT 159=Q@ ProductVendorT 159=Q@

ProductFlags1 X◆ 159=U@Ꞥ-ꞤAuthorityRequestType•P◆ 159=M@Ꞥ•

StandardDescT 159=Q@ StandardVersionP 159=M@

ProtocolDescT 159=Q@ ProtocolFlagsT 159=Q@
CertClassNameT 159=Q@

RootCertificate-X 159=U@

RootCertTypeFormat L 159=I@ ModuleIDH 159=E@ SSID L 159=I@ Manifest-P 159=M@
ModuleNameT 159=Q@

ProductVersionL 159=I@|VendorL 159=I@|ModuleIDH 159=E@|SSIDL 159=I@|Manifest-P 159=M@|
ModuleNameX 159=U@|CompatCSSMVersionL 159=I@|VersionL 159=I@|VendorP 159=M@|
DescriptionX 159=U@|ConfigFileLocation(L +@ -Yay&{87191ca0-0fc9-11d4-849a-000502b52122}L2.0Apple Computer, Inc.!!Apple Standard CSSM? \ P ,&{87191ca0-0fc9-11d4-849a-000502b52122}H@ (, D@L \$,↑ -@J•8|4•8 dL\$ L J =iu&&&&&{87191ca6-0fc9-11d4-849a-000502b52122}-LDAPDL&/System/Library/Security/ldapdl.bundleL2.0LDAP DL J L=iy&&&&&{87191ca4-0fc9-11d4-849a-000502b52122} AppleX509CL

*AppleX509CL^L2.0 Apple built-in CL                                  

*AppleX509TP L2.0 Apple built-in X509TP +L=iy&{87191ca8-0fc9-11d4-849a-000502b52122}

AppleSDCSPDL*SDCSPDL^2.0\$Apple Security Daemon mediated CSPDL -|iu&{87191ca2-0fc9-11d4-849a-000502b52122}AppleCSP *AppleCSP^2.0Apple built-in CSP |iu&{87191ca1-0fc9-11d4-849a-000502b52122}AppleDL*AppleDL^2.0Apple built-in DL|=iy&{87191ca3-0fc9-11d4-849a-000502b52122} AppleCSPDL
*AppleCSPDL^2.0Apple built-in CSPDL - |@ •| | -P- | - | ,&{87191ca1-0fc9-11d4-849a-000502b52122},&{87191ca2-0fc9-11d4-849a-000502b52122},&{87191ca3-0fc9-11d4-849a-000502b52122},&{87191ca4-0fc9-11d4-849a-000502b52122},&{87191ca5-0fc9-11d4-849a-000502b52122},&{87191ca6-0fc9-11d4-849a-000502b52122},&{87191ca8-0fc9-11d4-849a-000502b52122} |@ | \$ | My}&{87191ca2-0fc9-11d4-849a-000502b52122}AppleCSP^1.0Apple Computer, Inc. |My}&{87191ca3-0fc9-11d4-849a-000502b52122} AppleCSPDL^1.0Apple Computer, Inc. •|O+WTuvVS{ |

U|OWYt 0&{87191ca2-0fc9-11d4-849a-000502b52122}0&{87191ca3-0fc9-11d4-849a-000502b52122}U@@-Z 8Z L L |(|-X-•\$ \ P



p0↑00 |H|C◀◀ |!\\!|!| ◊9|09|◊-.-|◊-◊-|0|◊↑d||◊→4→◊-| ◊ 4 ◊-d-◊◊ 8 ◊!p"◊"◊#8#◊\$p%

%&L"(4)|* *+t, -`.

.H/0t1+12H23|4445L567 78T=imquy}&{87191ca2-0fc9-11d4-849a-000502b52122}+
SHA1 Digest =imquy}&{87191ca2-0fc9-11d4-849a-000502b52122} • + MD5
Digest =imquy}&{87191ca2-0fc9-11d4-849a-000502b52122} | + MD2 Digest =imquy}&{87191ca2-
0fc9-11d4-849a-000502b52122} * | RSA Key Pair Generation =imquy}&{87191ca2-0fc9-11d4-849a-
000502b52122}

⌈⌋ @⌈DES Key Generation⌈⌋ | ⌈imquy⌈⌋&{87191ca2-0fc9-11d4-849a-000502b52122} ⌈⌋⌈⌋ ⌈⌋!3DES Key
Generation⌈⌋-⌈imquy⌈⌋&{87191ca2-0fc9-11d4-849a-000502b52122} ⌈⌋-⌈RC2 Key
Generation⌈⌋•⌈imquy⌈⌋&{87191ca2-0fc9-11d4-849a-000502b52122} ⌈⌋•⌈RC4 Key
Generation⌈⌋□⌈imquy⌈⌋&{87191ca2-0fc9-11d4-849a-000502b52122} ⌈⌋□⌈RC5 Key Generation⌈⌋
⌈imquy⌈⌋&{87191ca2-0fc9-11d4-849a-000502b52122} - ⌈CAST Key Generation⌈⌋ ⌈imquy⌈⌋&{87191ca2-0fc9-11d4-
849a-000502b52122} ⌈⌋Blowfish Key Generation⌈⌋
⌈imquy⌈⌋&{87191ca2-0fc9-11d4-849a-000502b52122} [⌈⌋
⌈SHA1HMAC Key Generation⌈⌋

L=imquy}◆&{87191ca2-0fc9-11d4-849a-000502b52122} f

L=imquy}&{87191ca2-0fc9-11d4-849a-000502b52122}

ASC Key Generation
Generation
Generation
Derivation
Derivation
Derivation
Derivation

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DES Encryption {=imquy} &{87191ca2-0fc9-11d4-849a-000502b52122} 3DES EDE
Encryption {=imquy} &{87191ca2-0fc9-11d4-849a-000502b52122}

AES Encryption {87191ca2-0fc9-11d4-849a-000502b52122}

RC4 Encryption {=imquy} &{87191ca2-0fc9-11d4-849a-000502b52122} ↑ |!|J γ L|-

RC5 Encryption {imquy} & {87191ca2-0fc9-11d4-849a-000502b52122} Blowfish
Encryption {imquy} & {87191ca2-0fc9-11d4-849a-000502b52122} CAST
Encryption {imquy} & {87191ca2-0fc9-11d4-849a-000502b52122}*

RSA Encryption {87191ca2-0fc9-11d4-849a-000502b52122} FEEDExp
 Encryption {87191ca2-0fc9-11d4-849a-000502b52122} FEED Encryption
 {87191ca2-0fc9-11d4-849a-000502b52122} SHA1 With RSA Signature {87191ca2-0fc9-
 11d4-849a-000502b52122} MD5 With RSA Signature {87191ca2-0fc9-11d4-849a-000502b52122}
 MD2 With RSA Signature {87191ca2-0fc9-11d4-849a-000502b52122} Raw RSA
 Signature {87191ca2-0fc9-11d4-849a-000502b52122} SHA1 With DSA
 Signature {87191ca2-0fc9-11d4-849a-000502b52122} Raw DSA
 Signature {87191ca2-0fc9-11d4-849a-000502b52122} MD5 with FEE
 Signature {87191ca2-0fc9-11d4-849a-000502b52122} SHA1 with FEE
 Signature {87191ca2-0fc9-11d4-849a-000502b52122} Raw FEE
 Signature {87191ca2-0fc9-11d4-849a-000502b52122} SHA1 with ECDSA
 Signature {87191ca2-0fc9-11d4-849a-000502b52122} Raw ECDSA
 Signature {87191ca2-0fc9-11d4-849a-000502b52122}

SHA1HMAC MAC+{imquy}&{87191ca2-0fc9-11d4-849a-000502b52122}+ SHA1HMAC MAC
Legacy, {imquy}&{87191ca2-0fc9-11d4-849a-000502b52122}|,
Yarrow PRNG- {imquy}&{87191ca3-0fc9-11d4-849a-000502b52122}+
SHA1 Digest. {imquy}&{87191ca3-0fc9-11d4-849a-000502b52122}+ + MD5
Digest/ {imquy}&{87191ca3-0fc9-11d4-849a-000502b52122}+ + MD2 Digest0 {imquy}&{87191ca3-
0fc9-11d4-849a-000502b52122} * RSA Key Pair Generation1 {imquy}&{87191ca3-0fc9-11d4-849a-
000502b52122}

⌈⊕ @⌈DES Key Generation⌈2⌈=imquy⌈&{87191ca3-0fc9-11d4-849a-000502b52122}⌈⌈⊕ ⌈!3DES Key
Generation⌈3⌈=imquy⌈&{87191ca3-0fc9-11d4-849a-000502b52122}⌈⌈⌈RC2 Key
Generation⌈4⌈=imquy⌈&{87191ca3-0fc9-11d4-849a-000502b52122}⌈⌈•⌈RC4 Key
Generation⌈5⌈=imquy⌈&{87191ca3-0fc9-11d4-849a-000502b52122}⌈⌈⌈RC5 Key
Generation⌈6⌈=imquy⌈&{87191ca3-0fc9-11d4-849a-000502b52122}⌈⌈!CAST Key
Generation⌈7⌈=imquy⌈&{87191ca3-0fc9-11d4-849a-000502b52122}⌈⌈Blowfish Key
Generation⌈8⌈=imquy⌈&{87191ca3-0fc9-11d4-849a-000502b52122}⌈
⌈SHA1HMAC Key Generation⌈9⌈=imquy⌈&{87191ca3-0fc9-11d4-849a-000502b52122}⌈f

└─MD5HMAC Key Generation: ;imquy}&{87191ca3-0fc9-11d4-849a-000502b52122} + ; AES Key
Generation; ;imquy}&{87191ca3-0fc9-11d4-849a-000502b52122} •

ASC Key Generation <=imquy}&{87191ca3-0fc9-11d4-849a-000502b52122} | FEE Key Pair
Generation =imquy}&{87191ca3-0fc9-11d4-849a-000502b52122} + DSA Key Pair
Generation >=imquy}&{87191ca3-0fc9-11d4-849a-000502b52122} g PKCS5 Key
Derivation ?=imquy}&{87191ca3-0fc9-11d4-849a-000502b52122} C PKCS5 PBKDF1 MD5 Key
Derivation @=imquy}&{87191ca3-0fc9-11d4-849a-000502b52122} D PKCS5 PBKDF1 MD2 Key
Derivation A=imquy}&{87191ca3-0fc9-11d4-849a-000502b52122} E PKCS5 PBKDF1 SHA1 Key
Derivation B=imquy}&{87191ca3-0fc9-11d4-849a-000502b52122} L

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DES Encryption C=imquy}&{87191ca3-0fc9-11d4-849a-000502b52122} 3DES EDE
Encryption D=imquy}&{87191ca3-0fc9-11d4-849a-000502b52122}

RC5 Encryption G=imquy) &{87191ca3-0fc9-11d4-849a-000502b52122} Blowfish
Encryption H=imquy) &{87191ca3-0fc9-11d4-849a-000502b52122} CAST
Encryption I=imquy) &{87191ca3-0fc9-11d4-849a-000502b52122} *

RSA Encryption $\{J^{L=imquy}\} \&\{87191ca3-0fc9-11d4-849a-000502b52122\} \square \diamond - \uparrow$ FEEDExp
 Encryption $\{K^{L=imquy}\} \&\{87191ca3-0fc9-11d4-849a-000502b52122\} \square \diamond | - \ddot{\circ}$ FEED
 Encryption $\{L^{L=imquy}\} \&\{87191ca3-0fc9-11d4-849a-000502b52122\} \uparrow 3 \downarrow$ SHA1 With RSA
 Signature $\{M^{L=imquy}\} \&\{87191ca3-0fc9-11d4-849a-000502b52122\} \uparrow \uparrow$ MD5 With RSA
 Signature $\{N^{L=imquy}\} \&\{87191ca3-0fc9-11d4-849a-000502b52122\} \uparrow - \uparrow$ MD2 With RSA
 Signature $\{O^{L=imquy}\} \&\{87191ca3-0fc9-11d4-849a-000502b52122\} \uparrow *$ Raw RSA
 Signature $\{P^{L=imquy}\} \&\{87191ca3-0fc9-11d4-849a-000502b52122\} \uparrow Q \# \downarrow$ SHA1 With DSA
 Signature $\{Q^{L=imquy}\} \&\{87191ca3-0fc9-11d4-849a-000502b52122\} \uparrow + \$$ Raw DSA
 Signature $\{R^{L=imquy}\} \&\{87191ca3-0fc9-11d4-849a-000502b52122\} \uparrow \diamond \uparrow$ MD5 with FEE
 Signature $\{S^{L=imquy}\} \&\{87191ca3-0fc9-11d4-849a-000502b52122\} \uparrow \diamond \downarrow$ SHA1 with FEE
 Signature $\{T^{L=imquy}\} \&\{87191ca3-0fc9-11d4-849a-000502b52122\} \uparrow \diamond \uparrow$ Raw FEE
 Signature $\{U^{L=imquy}\} \&\{87191ca3-0fc9-11d4-849a-000502b52122\} \uparrow R \downarrow$ SHA1 with ECDSA
 Signature $\{V^{L=imquy}\} \&\{87191ca3-0fc9-11d4-849a-000502b52122\} \uparrow \uparrow$ Raw ECDSA
 Signature $\{W^{L=imquy}\} \&\&\{87191ca3-0fc9-11d4-849a-000502b52122\} \bullet \uparrow + \uparrow \uparrow$

SHA1HMAC MAC X^L=imquy}&{87191ca3-0fc9-11d4-849a-000502b52122}•+ † ¶!!SHA1HMAC MAC
Legacy Y^L=imquy}&{87191ca3-0fc9-11d4-849a-000502b52122}| ,
Yarrow PRNG \ 8 P • 7 ⊔ | -Z; <8<<<=|=X==>0>x>?P?P?@(@p@AAHAAB
BhB@C@C@C D↑D`D D E8E E F+FXF F G0GxG H HPH H I(Ipl JJH J K
KhK K L@L L M↑M`M M N8N N O|OXO O P0PxP Q QPQ Q R(RpR SSHS S T ThT T "\$!-
)#('%&↑↑↑↑↑ ,*+ - √ | - • ⊔

¡!!¶◀OQMNLPUTRSBCFEHGD/.-YWXIKJ12354670=89:<;?@A>D&{87191ca2-0fc9-11d4-849a-000502b52122}¶ *"D&{87191ca2-0fc9-11d4-849a-000502b52122}¶ +\$D&{87191ca2-0fc9-11d4-849a-000502b52122}¶ ,D&{87191ca2-0fc9-11d4-849a-000502b52122}¶ -!D&{87191ca2-0fc9-11d4-849a-000502b52122}¶ 3D&{87191ca2-0fc9-11d4-849a-000502b52122}¶ |)D&{87191ca2-0fc9-11d4-849a-000502b52122}¶ Q#D&{87191ca2-0fc9-11d4-849a-000502b52122}¶ R(D&{87191ca2-0fc9-11d4-849a-000502b52122}¶ ◆¶ 'D&{87191ca2-0fc9-11d4-849a-000502b52122}¶ ◆ ¶ %D&{87191ca2-0fc9-11d4-849a-000502b52122}¶ ◆ ¶ &D&{87191ca2-0fc9-11d4-849a-000502b52122}¶ L

† D&{87191ca2-0fc9-11d4-849a-000502b52122} † D&{87191ca2-0fc9-11d4-849a-000502b52122} † -D&{87191ca2-0fc9-11d4-849a-000502b52122} † D&{87191ca2-0fc9-11d4-849a-000502b52122} † •D&{87191ca2-0fc9-11d4-849a-000502b52122} † D&{87191ca2-0fc9-11d4-849a-000502b52122} D&{87191ca2-0fc9-11d4-849a-000502b52122} * † D&{87191ca2-0fc9-11d4-849a-000502b52122} † D&{87191ca2-0fc9-11d4-849a-000502b52122} { D&{87191ca2-0fc9-11d4-849a-000502b52122} f

D&{87191ca2-0fc9-11d4-849a-000502b52122} † D&{87191ca2-0fc9-11d4-849a-000502b52122} †
D&{87191ca2-0fc9-11d4-849a-000502b52122} •

† D&{87191ca3-0fc9-11d4-849a-000502b52122} † D&{87191ca3-0fc9-11d4-849a-000502b52122} † -D&{87191ca3-0fc9-11d4-849a-000502b52122} † D&{87191ca3-0fc9-11d4-849a-000502b52122} † •D&{87191ca3-0fc9-11d4-849a-000502b52122} † -D&{87191ca3-0fc9-11d4-849a-000502b52122} † D&{87191ca3-0fc9-11d4-849a-000502b52122} † * † D&{87191ca3-0fc9-11d4-849a-000502b52122} † + † D&{87191ca3-0fc9-11d4-849a-000502b52122} † { D&{87191ca3-0fc9-11d4-849a-000502b52122} † f

D&{87191ca3-0fc9-11d4-849a-000502b52122} ◆ † D&{87191ca3-0fc9-11d4-849a-000502b52122} ◆ †
D&{87191ca3-0fc9-11d4-849a-000502b52122} ◆ ●

D&{87191ca3-0fc9-11d4-849a-000502b52122} C†D&{87191ca3-0fc9-11d4-849a-000502b52122} D!!D&{87191ca3-0fc9-11d4-849a-000502b52122} E¶D&{87191ca3-0fc9-11d4-849a-000502b52122} g◀H@• (, 7 \@◻ < ,0 • 7 ▯ |┘

@ {0 { P My} &{87191ca6-0fc9-11d4-849a-000502b52122}-LDAPDL 1.0 Apple Computer,
Inc. | • | - H My} &{87191ca3-0fc9-11d4-849a-000502b52122} AppleCSPDL 1.0 Apple
Computer, Inc. | +O+WTuv VS{ |

U|OWYt L 7 7 L | J 7 My} &{87191ca1-0fc9-11d4-849a-000502b52122}•AppleDL L1.0 Apple
Computer, Inc. | L 7 7 L | J | - 7 < 7 L L p L L 7 0&{87191ca1-0fc9-11d4-849a-000502b52122}0&{87191ca3-0fc9-
11d4-849a-000502b52122}0&{87191ca6-0fc9-11d4-849a-000502b52122}H@ (, 7 4@
 7 7 Luy &{87191ca4-0fc9-11d4-849a-000502b52122}
AppleX509CL L1.0 Apple Computer, Inc. L L d X 7 0&{87191ca4-0fc9-11d4-849a-000502b52122}H@

(, 7 8@ Amq&{87191ca5-0fc9-11d4-849a-000502b52122}
AppleX509TP1.0Apple Computer, Inc. d X 7 0&{87191ca5-0fc9-11d4-849a-000502b52122} | @

RelationNameP₁ 159=M₁ RelationID₁P^L 159=M₁
AttributeID₁X^J 159=U₁||AttributeNameFormat₁T| 159=Q₁^L
AttributeNameT- 159=Q₁^JAttributeNameID-T• 159=Q₁|AttributeFormat₁P 159=M RelationID₁L
159=I •IndexID₁P 159=M₁
AttributeID₁P
159=M^L IndexType₁X

159=U^J IndexedDataLocation₁P 159=M^L RelationID₁P

159=M^L
AttributeID₁L₀ 159=I₁ModuleID-P₁ 159=M^{LL}

AddinVersionH◀ 159=E^{UJ}SSID₁T₁ 159=Q^L|

SubserviceType L!! 159=I@ ModuleIDL 159=I@ Manifest-P 159=M@
ModuleNameH 159=E@ PathT 159=Q@

ProductVersionL↑ 159=|@|●BuiltIn7□(L □-◆@□<J◆□<◆ d ◆7p7◆ LtL◆◆71]i◆◆&{87191ca6-0fc9-11d4-849a-000502b52122}-LDAPDL&/System/Library/Security/ldapdl.bundleL1.0 ◆ L1]m)◆&{87191ca4-0fc9-11d4-849a-000502b52122}
AppleX509CL

*AppleX509CL^1.0 [1]m}&{87191ca5-0fc9-11d4-849a-000502b52122}
AppleX509TP

*AppleX509TP^L1.0  ^L1]my  &{87191ca8-0fc9-11d4-849a-000502b52122}

!%@"MDS_CDSADIR_CSP_SC_INFO_RECORDTYPEL !%@"MDS_CDSADIR_DL_PRIMARY_RECORDTYPEX

!%@ .MDS_CDSADIR_DL_ENCAPSULATED_PRODUCT_RECORDTYPEŁ !%@
!MDS_CDSADIR_CL_PRIMARY_RECORDTYPEX† !%@

.MDS_CDSADIR_CL_ENCAPSULATED_PRODUCT_RECORDTYPEL◀ !%@
!MDS_CDSADIR_TP_PRIMARY_RECORDTYPEH↑ !%@

-MDS_CDSADIR_TP_OIDS_RECORDTYPEX!! !%@.MDS_CDSADIR_TP_ENCAPSULATED_PRODUCT_RECORDTYPEL!! !%@
◀!MDS_CDSADIR_AC_PRIMARY_RECORDTYPEL! !%@!MDS_CDSADIR_KR_PRIMARY_RECORDTYPE



-159=@- | @ -159=@-^L @

-159=@- | @ç -159=@- | @+ -159=@— @◀ -159=@• @| -159=@• @!! -159=@□ @¶ -159=@□ @⊥ -
159=@□ | @⊥ -159=@□ | @| -159=@□ | @↑ -159=@□ | @| -159=@□ - @→ -159=@ @← -159=@ @ -159=@
@ -159=@ @ -159=@
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!(x!"t"#T##H\$S% 159=I@ |ModuleIDH? 159=E@ | ^SSID L@ 159=I@ |Manifest-PA 159=M
@ | ^ ModuleNameTB 159=Q@ | ^

ProductVersionLC 159=I@||-VendorLD 159=I@|-●CspType7LE 159=I@|●CspFlags7TF 159=Q@|

CspCustomFlags LG 159=I@ | UseTags PH 159=M@ |
SampleTypes TI 159=Q@ |
AcSubjectTypes LJ 159=I@ |

AuthTags•LK 159=I@-ModuleIDHL 159=E@- SSID LM 159=I@-•UseTag PN 159=M@-
ContextType LO 159=I@-•AlgType LP 159=I@-•GroupID TQ 159=Q@- AttributeType TR 159=Q@-•

AttributeValue•PS 159=M@-
DescriptionLT 159=I@•ModuleIDHU 159=E@• SSID PV 159=M@•
ProductDescTW 159=Q@• ProductVendorTX 159=Q@•

ProductFlags: PZ 159=M@●-
CustomFlags: P[159=M@●●

StandardDescT\ 159=Q@••[StandardVersionP] 159=M@• ReaderDescP^ 159=M@•

ReaderVendorT_ 159=Q@●
ReaderVersion\` 159=Y@●

⊥ReaderFirmwareVersionPa 159=M@●
ReaderFlagsγXb 159=U@●

◀ReaderCustomFlags;Xc 159=U@•¶↑ReaderSerialNumberLd 159=I@◻◻ModuleIDHe 159=E@◻ ◻SSID;Lf 159=I@◻◻-S
cDescLg 159=I@◻◻◻ScVendorPh 159=M@◻◻
ScVersionXi 159=U@◻◻◻◻ScFirmwareVersionLj 159=I@◻◻-•ScFlags;Tk 159=Q@◻◻• ScCustomFlags;TI 159=Q@◻◻

ScSerialNumberLm 159=I@ □ModuleIDHn 159=E@ ⌋SSID⌋ Lo 159=I@ ⌋□Manifest-Pp 159=M@ ⌋
ModuleNameTq 159=Q@ ⌋

ProductVersionLr 159=I@ |—VendorLs 159=I@ —DLType1Tt 159=Q@ •QueryLimitsFlag1Pu 159=M@
SampleTypes•Tv 159=Q@ AcSubjectTypes•Lw 159=I@ AuthTags•Tx 159=Q@

RelationalOps•Lz 159=|@ ModuleIDH{ 159=E@ SSID_P| 159=M@
ProductDescT} 159=Q@ ProductVendorT~ 159=Q@

StandardDescT 159=Q@ •StandardVersionL 159=I@ ProtocolT 159=Q@ RetrievalModeL 159=I@
ModuleIDH 159=E@
└SSIDL 159=I@
└Manifest-P 159=M@
└ModuleNameT 159=Q@
└

ProductVersionL 159=l@

| -VendorT 159=Q@

-

CertTypeFormat1 T 159=Q@

• CrlTypeFormat1 T 159=Q@



CertFieldNames-T 159=Q@

†BundleTypeFormat•X 159=U@

◀XlationTypeFormat•X 159=U@

‡TemplateFieldNames-L 159=I@

SSID P 159=M@

7
ProductDescT 159=Q@

|

• StandardVersionL 159=I@ ModuleIDH 159=E@ SSID L 159=I@ Manifest-P 159=M@
ModuleNameT 159=Q@

ProductVersionL 159=I@ | -VendorT 159=Q@ -

CertTypeFormat P 159=M@ •

SampleTypes T 159=Q@ AcSubjectTypes L 159=I@ AuthTags L 159=I@

SSID H 159=E@

Value-L 159=I@ModuleIDH 159=E@ SSID-P 159=M@
ProductDescT 159=Q@ ProductVendorT 159=Q@

ProductFlags1 X◆ 159=U@Ꞥ-ꞤAuthorityRequestType•P◆ 159=M@Ꞥ•

StandardDescT 159=Q@ StandardVersionP 159=M@

ProtocolDescT 159=Q@ ProtocolFlagsT 159=Q@
CertClassNameT 159=Q@

RootCertificate-X 159=U@

RootCertTypeFormat L 159=I@ ModuleIDH 159=E@ SSID L 159=I@ Manifest-P 159=M@
ModuleNameT 159=Q@

ProductVersionL 159=I@|VendorL 159=I@|ModuleIDH 159=E@|SSIDL 159=I@|Manifest-P 159=M@|
ModuleNameX 159=U@|CompatCSSMVersionL 159=I@|VersionL 159=I@|VendorP 159=M@|
DescriptionX 159=U@|ConfigFileLocation(L +@ -Yay&{87191ca0-0fc9-11d4-849a-000502b52122}L2.0Apple Computer, Inc.!!Apple Standard CSSM? \ P ,&{87191ca0-0fc9-11d4-849a-000502b52122}H@ (, D@L \$,↑ -@J•8|4•8 dL\$ L J =iu&&&&&{87191ca6-0fc9-11d4-849a-000502b52122}-LDAPDL&/System/Library/Security/ldapdl.bundleL2.0LDAP DL J L=iy&&&&&{87191ca4-0fc9-11d4-849a-000502b52122} AppleX509CL

*AppleX509CL^L2.0 Apple built-in CL                                  

*AppleX509TP L2.0 Apple built-in X509TP +L=iy&{87191ca8-0fc9-11d4-849a-000502b52122}

AppleSDCSPDL*SDCSPDL^2.0\$Apple Security Daemon mediated CSPDL -|L=iu{87191ca2-0fc9-11d4-849a-000502b52122}AppleCSP *AppleCSP^2.0Apple built-in CSP |L=iu{87191ca1-0fc9-11d4-849a-000502b52122}AppleDL*AppleDL^2.0Apple built-in DL^L=iy{87191ca3-0fc9-11d4-849a-000502b52122} AppleCSPDL
*AppleCSPDL^2.0Apple built-in CSPDL - |@ •| | -P- | - |L,&{87191ca1-0fc9-11d4-849a-000502b52122},&{87191ca2-0fc9-11d4-849a-000502b52122},&{87191ca3-0fc9-11d4-849a-000502b52122},&{87191ca4-0fc9-11d4-849a-000502b52122},&{87191ca5-0fc9-11d4-849a-000502b52122},&{87191ca6-0fc9-11d4-849a-000502b52122},&{87191ca8-0fc9-11d4-849a-000502b52122} |@ | \$ |My}{87191ca2-0fc9-11d4-849a-000502b52122}AppleCSP^1.0Apple Computer, Inc. ^My}{87191ca3-0fc9-11d4-849a-000502b52122} AppleCSPDL^1.0Apple Computer, Inc. •+O+WTuvVS{ | ^

U|OWYt 0&{87191ca2-0fc9-11d4-849a-000502b52122}0&{87191ca3-0fc9-11d4-849a-000502b52122}U@@-Z 8Z L L |(|-X-•\$ \



p0↑00 |H|C◀◀ |!\\!|!! |00| |' | | |0| |d | |4→ | | 4 | -d- | 8 |!p" |"#8# |\$p%

%&L"(4)|* *+t, -`.

. /H/ Ot1+1 2H2 3|4 4 5L5 6 7 7 8T =imquy} &{87191ca2-0fc9-11d4-849a-000502b52122} | + 9
SHA1 Digest =imquy} &{87191ca2-0fc9-11d4-849a-000502b52122} • + + MD5
Digest =imquy} &{87191ca2-0fc9-11d4-849a-000502b52122} | + + MD2 Digest =imquy} &{87191ca2-
0fc9-11d4-849a-000502b52122} * | RSA Key Pair Generation =imquy} &{87191ca2-0fc9-11d4-849a-
000502b52122}

⌈⌋ @⌈DES Key Generation⌈⌋ ⌈imquy⌈⌋&{87191ca2-0fc9-11d4-849a-000502b52122} ⌈⌋ ⌈3DES Key
Generation⌈⌋ ⌈imquy⌈⌋&{87191ca2-0fc9-11d4-849a-000502b52122} ⌈⌋ ⌈RC2 Key
Generation⌈⌋ ⌈imquy⌈⌋&{87191ca2-0fc9-11d4-849a-000502b52122} ⌈⌋ ⌈RC4 Key
Generation⌈⌋ ⌈imquy⌈⌋&{87191ca2-0fc9-11d4-849a-000502b52122} ⌈⌋ ⌈RC5 Key Generation⌈⌋
⌈imquy⌈⌋&{87191ca2-0fc9-11d4-849a-000502b52122} ⌈⌋ ⌈CAST Key Generation⌈⌋ ⌈imquy⌈⌋&{87191ca2-0fc9-11d4-
849a-000502b52122} ⌈⌋ ⌈Blowfish Key Generation⌈⌋
⌈imquy⌈⌋&{87191ca2-0fc9-11d4-849a-000502b52122} ⌈⌋
⌈SHA1HMAC Key Generation⌈⌋

L=imquy}◆&{87191ca2-0fc9-11d4-849a-000502b52122} f

L=imquy}&{87191ca2-0fc9-11d4-849a-000502b52122}

ASC Key Generation
Generation
Generation
Derivation
Derivation
Derivation
Derivation

44!!J 7 L|-

DES Encryption {=imquy} &{87191ca2-0fc9-11d4-849a-000502b52122} 3DES EDE
Encryption {=imquy} &{87191ca2-0fc9-11d4-849a-000502b52122}

AES Encryption {imquy}&{87191ca2-0fc9-11d4-849a-000502b52122}

RC4 Encryption {=imquy} &{87191ca2-0fc9-11d4-849a-000502b52122} ↑ |!|J γ L|-

RC5 Encryption {imquy} &{87191ca2-0fc9-11d4-849a-000502b52122} Blowfish
Encryption {imquy} &{87191ca2-0fc9-11d4-849a-000502b52122} CAST
Encryption {imquy} &{87191ca2-0fc9-11d4-849a-000502b52122}*

RSA Encryption {87191ca2-0fc9-11d4-849a-000502b52122} FEEDExp
Encryption {87191ca2-0fc9-11d4-849a-000502b52122} FEED Encryption
{87191ca2-0fc9-11d4-849a-000502b52122} SHA1 With RSA Signature {87191ca2-0fc9-
11d4-849a-000502b52122} MD5 With RSA Signature {87191ca2-0fc9-11d4-849a-000502b52122} -
MD2 With RSA Signature {87191ca2-0fc9-11d4-849a-000502b52122} * Raw RSA
Signature {87191ca2-0fc9-11d4-849a-000502b52122} Q# SHA1 With DSA
Signature {87191ca2-0fc9-11d4-849a-000502b52122} + \$ Raw DSA
Signature {87191ca2-0fc9-11d4-849a-000502b52122} % MD5 with FEE
Signature {87191ca2-0fc9-11d4-849a-000502b52122} & SHA1 with FEE
Signature {87191ca2-0fc9-11d4-849a-000502b52122} ' Raw FEE
Signature {87191ca2-0fc9-11d4-849a-000502b52122} R(SHA1 with ECDSA
Signature {87191ca2-0fc9-11d4-849a-000502b52122})! Raw ECDSA
Signature {87191ca2-0fc9-11d4-849a-000502b52122} * [* + ¶

SHA1HMAC MAC+L=imquy}&{87191ca2-0fc9-11d4-849a-000502b52122}•+| ¶SHA1HMAC MAC
Legacy, L=imquy}&{87191ca2-0fc9-11d4-849a-000502b52122}|,
Yarrow PRNG L=imquy}&{87191ca3-0fc9-11d4-849a-000502b52122}+ ¶
SHA1 Digest L=imquy}&{87191ca3-0fc9-11d4-849a-000502b52122}• + + MD5
Digest/ L=imquy}&{87191ca3-0fc9-11d4-849a-000502b52122} | + + MD2 Digest 0 L=imquy}&{87191ca3-
0fc9-11d4-849a-000502b52122} * | RSA Key Pair Generation 1 L=imquy}&{87191ca3-0fc9-11d4-849a-
000502b52122}

⌈⊕ @⌈DES Key Generation⌈2⌈=imquy)⌈&{87191ca3-0fc9-11d4-849a-000502b52122}⌈⌈⊕ ⌈!3DES Key
Generation⌈3⌈=imquy)⌈&{87191ca3-0fc9-11d4-849a-000502b52122}⌈⌈⌈RC2 Key
Generation⌈4⌈=imquy)⌈&{87191ca3-0fc9-11d4-849a-000502b52122}⌈⌈•⌈RC4 Key
Generation⌈5⌈=imquy)⌈&{87191ca3-0fc9-11d4-849a-000502b52122}⌈⌈⌈RC5 Key
Generation⌈6⌈=imquy)⌈&{87191ca3-0fc9-11d4-849a-000502b52122}⌈⌈!CAST Key
Generation⌈7⌈=imquy)⌈&{87191ca3-0fc9-11d4-849a-000502b52122}⌈⌈Blowfish Key
Generation⌈8⌈=imquy)⌈&{87191ca3-0fc9-11d4-849a-000502b52122}⌈
⌈SHA1HMAC Key Generation⌈9⌈=imquy)⌈&{87191ca3-0fc9-11d4-849a-000502b52122}⌈f

└─MD5HMAC Key Generation: ;imquy}&{87191ca3-0fc9-11d4-849a-000502b52122} + ; AES Key
Generation; ;imquy}&{87191ca3-0fc9-11d4-849a-000502b52122} •

ASC Key Generation <=imquy}&{87191ca3-0fc9-11d4-849a-000502b52122} | FEE Key Pair
Generation =imquy}&{87191ca3-0fc9-11d4-849a-000502b52122} + DSA Key Pair
Generation >=imquy}&{87191ca3-0fc9-11d4-849a-000502b52122} g PKCS5 Key
Derivation ?=imquy}&{87191ca3-0fc9-11d4-849a-000502b52122} C PKCS5 PBKDF1 MD5 Key
Derivation @=imquy}&{87191ca3-0fc9-11d4-849a-000502b52122} D PKCS5 PBKDF1 MD2 Key
Derivation A=imquy}&{87191ca3-0fc9-11d4-849a-000502b52122} E PKCS5 PBKDF1 SHA1 Key
Derivation B=imquy}&{87191ca3-0fc9-11d4-849a-000502b52122} L

44!!J 7 L|-

DES Encryption C=imquy}&{87191ca3-0fc9-11d4-849a-000502b52122} 3DES EDE
Encryption D=imquy}&{87191ca3-0fc9-11d4-849a-000502b52122}

RC5 Encryption G=imquy) &{87191ca3-0fc9-11d4-849a-000502b52122} Blowfish
Encryption H=imquy) &{87191ca3-0fc9-11d4-849a-000502b52122} CAST
Encryption I=imquy) &{87191ca3-0fc9-11d4-849a-000502b52122} *

RSA Encryption $\{J^L=imquy\} \&\{87191ca3-0fc9-11d4-849a-000502b52122\} \square \diamond - \uparrow FEEDExp$
 Encryption $\{K^L=imquy\} \&\{87191ca3-0fc9-11d4-849a-000502b52122\} \square \diamond | - \ddot{O}FEED$
 Encryption $\{L^L=imquy\} \&\{87191ca3-0fc9-11d4-849a-000502b52122\} \uparrow 3 \downarrow SHA1 With RSA$
 Signature $\{M^L=imquy\} \&\{87191ca3-0fc9-11d4-849a-000502b52122\} \uparrow \uparrow MD5 With RSA$
 Signature $\{N^L=imquy\} \&\{87191ca3-0fc9-11d4-849a-000502b52122\} \uparrow \uparrow MD2 With RSA$
 Signature $\{O^L=imquy\} \&\{87191ca3-0fc9-11d4-849a-000502b52122\} \uparrow * \blacktriangleleft Raw RSA$
 Signature $\{P^L=imquy\} \&\{87191ca3-0fc9-11d4-849a-000502b52122\} \uparrow Q \# \downarrow SHA1 With DSA$
 Signature $\{Q^L=imquy\} \&\{87191ca3-0fc9-11d4-849a-000502b52122\} \uparrow + \$ \blacktriangleleft Raw DSA$
 Signature $\{R^L=imquy\} \&\{87191ca3-0fc9-11d4-849a-000502b52122\} \uparrow \diamond \uparrow \% \uparrow MD5 with FEE$
 Signature $\{S^L=imquy\} \&\{87191ca3-0fc9-11d4-849a-000502b52122\} \uparrow \diamond \uparrow \& \downarrow SHA1 with FEE$
 Signature $\{T^L=imquy\} \&\{87191ca3-0fc9-11d4-849a-000502b52122\} \uparrow \diamond \uparrow \blacktriangleleft Raw FEE$
 Signature $\{U^L=imquy\} \&\{87191ca3-0fc9-11d4-849a-000502b52122\} \uparrow R \downarrow \downarrow SHA1 with ECDSA$
 Signature $\{V^L=imquy\} \&\{87191ca3-0fc9-11d4-849a-000502b52122\} \uparrow \uparrow \uparrow \blacktriangleleft Raw ECDSA$
 Signature $\{W^L=imquy\} \&\&\{87191ca3-0fc9-11d4-849a-000502b52122\} \bullet \uparrow * \uparrow \uparrow$

SHA1HMAC MAC X^L=imquy}&{87191ca3-0fc9-11d4-849a-000502b52122}•+ † ¶!!SHA1HMAC MAC
Legacy Y^L=imquy}&{87191ca3-0fc9-11d4-849a-000502b52122}| ,
Yarrow PRNG \ 8 P • 7 ⊔ | -Z; <8<<<=|=X= =>0>x>?P?P?@(@p@AAHAAB
BhB@C@C@C D↑D`D D E8E E F+FXF F G0GxG H HPH H I(Ipl JJH J K
KhK K L@L L M↑M`M M N8N N O|OXO O P0PxP Q QPQ Q R(RpR SSHS S T ThT T "\$!-
)#('%&↑↑↑↑↑ ,*+ - √ | - • ⊔

!@#QqMNLVPUTRSBCFEHGD/.-YWXIKJ12354670=89:<;?@A>D&{87191ca2-0fc9-11d4-849a-000502b52122} *"D&{87191ca2-0fc9-11d4-849a-000502b52122}+\$D&{87191ca2-0fc9-11d4-849a-000502b52122}, D&{87191ca2-0fc9-11d4-849a-000502b52122}-!D&{87191ca2-0fc9-11d4-849a-000502b52122}3D&{87191ca2-0fc9-11d4-849a-000502b52122}l)D&{87191ca2-0fc9-11d4-849a-000502b52122}Q#D&{87191ca2-0fc9-11d4-849a-000502b52122}R(D&{87191ca2-0fc9-11d4-849a-000502b52122} 'D&{87191ca2-0fc9-11d4-849a-000502b52122} %D&{87191ca2-0fc9-11d4-849a-000502b52122} &D&{87191ca2-0fc9-11d4-849a-000502b52122}L

D&{87191ca2-0fc9-11d4-849a-000502b52122} ◆ † D&{87191ca2-0fc9-11d4-849a-000502b52122} ◆ †
D&{87191ca2-0fc9-11d4-849a-000502b52122} ◆ ●

J † D&{87191ca3-0fc9-11d4-849a-000502b52122} ◀ † D&{87191ca3-0fc9-11d4-849a-000502b52122} † -D&{87191ca3-0fc9-11d4-849a-000502b52122} † □ D&{87191ca3-0fc9-11d4-849a-000502b52122} † • D&{87191ca3-0fc9-11d4-849a-000502b52122} † - D&{87191ca3-0fc9-11d4-849a-000502b52122} D&{87191ca3-0fc9-11d4-849a-000502b52122} * † D&{87191ca3-0fc9-11d4-849a-000502b52122} + † D&{87191ca3-0fc9-11d4-849a-000502b52122} [D&{87191ca3-0fc9-11d4-849a-000502b52122} f

D&{87191ca3-0fc9-11d4-849a-000502b52122} † D&{87191ca3-0fc9-11d4-849a-000502b52122} †
D&{87191ca3-0fc9-11d4-849a-000502b52122} •

D&{87191ca3-0fc9-11d4-849a-000502b52122} C†D&{87191ca3-0fc9-11d4-849a-000502b52122} D!!D&{87191ca3-0fc9-11d4-849a-000502b52122} E¶D&{87191ca3-0fc9-11d4-849a-000502b52122} g◀H@• (, 7 \@◻ < ,0 • 7 ▯ |┘

@ {0 { P My} &{87191ca6-0fc9-11d4-849a-000502b52122}-LDAPDL 1.0 Apple Computer,
Inc. | • | - H My} &{87191ca3-0fc9-11d4-849a-000502b52122} AppleCSPDL 1.0 Apple
Computer, Inc. | +O+WTuv VS{

(, 7 8@ Amq&{87191ca5-0fc9-11d4-849a-000502b52122}
AppleX509TP1.0Apple Computer, Inc. d X 7 0&{87191ca5-0fc9-11d4-849a-000502b52122} | @

L{ I{ (I)UYi&{87191ca5-0fc9-11d4-849a-000502b52122} *Hcd I L)UYi&{87191ca5-0fc9-11d4-849a-000502b52122} *Hcd |L)UYi&{87191ca5-0fc9-11d4-849a-000502b52122} *Hcd L+ x J L L 8 @&{87191ca5-0fc9-11d4-849a-000502b52122} *Hcd @&{87191ca5-0fc9-11d4-849a-000502b52122} *Hcd @&{87191ca5-0fc9-11d4-849a-000502b52122} *Hcd L@ (, L@+ , , L H@ (, L H@ (, L