

new/usr/src/cmd/cmd-inet/usr.lib/wanboot/Makefile.com

1

1340 Wed May 21 04:03:13 2014

new/usr/src/cmd/cmd-inet/usr.lib/wanboot/Makefile.com

4853 illumos-gate is not lint-clean when built with openssl 1.0

```
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27 include $(SRC)/cmd/Makefile.cmd
28 ROOTCMDDIR = $(ROOT)/usr/lib/inet/wanboot

30 CMNCRYPTDIR = ../../../../common/net/wanboot/crypt

32 CERRWARN += -_gcc=-Wno-uninitialized

34 # OpenSSLs API includes some macro expansions that are incompatible with lint,
35 # depending on the version of OpenSSL used
36 LINTFLAGS += -erroff=E_SUPPRESSION_DIRECTIVE_UNUSED
37 LINTFLAGS64 += -erroff=E_SUPPRESSION_DIRECTIVE_UNUSED

39 #endif /* ! codereview */
40 .KEEP_STATE:
```

new/usr/src/cmd/cmd-inet/usr.lib/wanboot/p12split/Makefile

1

1265 Wed May 21 04:03:15 2014

new/usr/src/cmd/cmd-inet/usr.lib/wanboot/p12split/Makefile

4853 illumos-gate is not lint-clean when built with openssl 1.0

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25 include ../Makefile.com

27 PROG=      p12split
28 LDLIBS +=   -lwanboot -linetutil -lwanbootutil
28 LDLIBS +=   -lwanboot -linetutil -lwanbootutil -lcrypto
29 CPPFLAGS += -I$(CMNCRYPTDIR)

31 # libcrypto has no lint library, so we can only include this while building
32 $(PROG) := LDLIBS += -lcrypto

34 LINTFLAGS += -erroff=E_NAME_USED_NOT_DEF2
35 #endif /* ! codereview */

37 all:        $(PROG)

39 install:     all $(ROOTCMD)

41 clean:

43 lint:        lint_PROG

45 include ../../../../Makefile.targ
```

new/usr/src/cmd/cmd-inet/usr.lib/wanboot/wanboot-cgi/Makefile

1

1236 Wed May 21 04:03:16 2014

new/usr/src/cmd/cmd-inet/usr.lib/wanboot/wanboot-cgi/Makefile

4853 illumos-gate is not lint-clean when built with openssl 1.0

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23 #
```

25 include ../Makefile.com

```
27 PROG = wanboot-cgi
28 LDLIBS += -lgen -lnsl -lwanbootutil -lnvpair -lwanboot
28 LDLIBS += -lgen -lnsl -lwanbootutil -lnvpair -lwanboot -lcrypto
29 CPPFLAGS += -I$(CMNCRYPTDIR)
```

```
31 # libcrypto has no lint library, so we can only include this while building
32 $(PROG) := LDLIBS += -lcrypto
33 #endif /* ! codereview */
```

35 all: \$(PROG)

37 install: all \$(ROOTCMD)

39 clean:

41 lint: lint_PROG

43 include ../../../../Makefile.targ

new/usr/src/cmd/ssh/libssh/Makefile.com

1

```
*****
2444 Wed May 21 04:03:17 2014
new/usr/src/cmd/ssh/libssh/Makefile.com
4853 illumos-gate is not lint-clean when built with openssl 1.0
*****
```

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23 #
```

```
25 LIBRARY =      libssh.a
26 VERS =         .1

28 OBJECTS =      \
29                addrmatch.o \
30                atomicio.o \
31                authfd.o \
32                authfile.o \
33                bufaux.o \
34                buffer.o \
35                canohost.o \
36                channels.o \
37                cipher.o \
38                cipher-ctr.o \
39                compat.o \
40                compress.o \
41                crc32.o \
42                deattack.o \
43                dh.o \
44                dispatch.o \
45                engine.o \
46                entropy.o \
47                fatal.o \
48                glln.o \
49                hostfile.o \
50                key.o \
51                kex.o \
52                kexdh.o \
53                kexdhc.o \
54                kexdhs.o \
55                kexgex.o \
56                kexgexc.o \
57                kexgexs.o \
58                kexgssc.o \
59                kexgsss.o \
60                log.o \
61                mac.o \
```

new/usr/src/cmd/ssh/libssh/Makefile.com

2

```
62                match.o \
63                misc.o \
64                mpaux.o \
65                msg.o \
66                nchan.o \
67                packet.o \
68                progressmeter.o \
69                proxy-io.o \
70                radix.o \
71                readconf.o \
72                readpass.o \
73                rsa.o \
74                sftp-common.o \
75                ssh-dss.o \
76                ssh-gss.o \
77                ssh-rsa.o \
78                tildexpand.o \
79                ttymodes.o \
80                uidswap.o \
81                uuencode.o \
82                xlist.o \
83                xmalloc.o
```

85 include \$(SRC)/lib/Makefile.lib

87 BUILD.AR = \$(RM) \$@ ; \$(AR) \$(ARFLAGS) \$@ \$(AROBJS)

89 SRCDIR = .. /common
90 SRCS = \$(OBJECTS:%.o=../common/%.c)

92 LIBS = \$(LIBRARY) \$(LINTLIB)

94 # Define LDLIBS conditionally for lintcheck, rather than in general, since
95 # we're building an archive library which itself links to nothing, we just
96 # want lint to know about these libraries.

```
97 lintcheck := LDLIBS += -lz -lsocket -lnsl -lc
97 lintcheck := LDLIBS += -lcrypto -lz -lsocket -lnsl -lc
98 $(LINTLIB) := SRCS = $(SRCDIR)/$(LINTSRC)
```

100 POFILE_DIR = ../..

102 .KEEP_STATE:

104 all: \$(LIBS)

106 # lint requires the (not installed) lint library
107 lint: \$(LINTLIB) .WAIT lintcheck

109 include \$(SRC)/lib/Makefile.targ

```
111 objs%.o: $(SRCDIR)/%.c
112          $(COMPILE.c) -o $@ $<
113          $(POST_PROCESS_O)
```

115 include ../.. /Makefile.ssh-common
116 include ../.. /Makefile.msg.targ

new/usr/src/cmd/ssh/sftp-server/Makefile

1

1595 Wed May 21 04:03:18 2014

new/usr/src/cmd/ssh/sftp-server/Makefile

4853 illumos-gate is not lint-clean when built with openssl 1.0

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23 #
24 # cmd/ssh/sftp-server/Makefile

26 PROG =          sftp-server

28 OBJS =          sftp-server.o sftp-server-main.o
29 SRCS =          $(OBJS:.o=.c)

31 include ../../Makefile.cmd
32 include ../Makefile.ssh-common

34 LDLIBS +=       $(SSH_COMMON_LDLIBS) -lsocket

36 # libcrypto has no lint library, so we can only use it when building
37 $(PROG) :=       LDLIBS += -lcrypto
34 LDLIBS +=       $(SSH_COMMON_LDLIBS) -lsocket -lcrypto

39 POFILE_DIR =    ..

41 .KEEP_STATE:

43 .PARALLEL:      $(OBJS)

45 all:            $(PROG)

47 $(PROG):        $(OBJS) ../libssh/$(MACH)/libssh.a ../libopenbsd-compat/$(MACH)/
48                 $(LINK.c) $(OBJS) -o $@ $(LDLIBS) $(DYNFLAGS)
49                 $(POST_PROCESS)

51 install:        all $(ROOTLIBSSHPROG) $(ROOTLIBSSH)

53 clean:
54                 $(RM) -f $(OBJS) $(PROG)

56 lint:           lint_SRCS

58 include ../Makefile.msg.targ
59 include ../../Makefile.targ
```

new/usr/src/cmd/ssh/sftp/Makefile

1

1580 Wed May 21 04:03:19 2014

new/usr/src/cmd/ssh/sftp/Makefile

4853 illumos-gate is not lint-clean when built with openssl 1.0

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23 #
24 # cmd/ssh/sftp/Makefile

26 PROG =          sftp

28 OBJS =          \
29                sftp.o \
30                sftp-client.o \
31                sftp-glob.o

33 SRCS =          $(OBJS:.o=.c)

35 include ../../Makefile.cmd
36 include ../../Makefile.ssh-common

38 LDLIBS +=       $(SSH_COMMON_LDLIBS) -lsocket -ltecla

40 # libcrypto has no lint library, so we can only use it when building
41 $(PROG) := LDLIBS += -lcrypto
38 LDLIBS +=       $(SSH_COMMON_LDLIBS) -lsocket -lcrypto -ltecla

43 POFILE_DIR =    ..

45 .KEEP_STATE:

47 .PARALLEL:      $(OBJS)

49 all: $(PROG)

51 $(PROG):        $(OBJS) ../libssh/$(MACH)/libssh.a ../libopenbsd-compat/$(MACH)/
52                $(LINK.c) $(OBJS) -o $@ $(LDLIBS) $(DYNFLAGS)
53                $(POST_PROCESS)

55 install:        all $(ROOTPROG)

57 clean:
58                $(RM) -f $(OBJS) $(PROG)

60 lint:           lint_SRCS
```

new/usr/src/cmd/ssh/sftp/Makefile

2

```
62 include ../Makefile.msg.targ
63 include ../../Makefile.targ
```

new/usr/src/cmd/ssh/ssh-add/Makefile

1

1542 Wed May 21 04:03:21 2014

new/usr/src/cmd/ssh/ssh-add/Makefile

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23 #
24 # cmd/ssh/ssh-add/Makefile

26 PROG= ssh-add

28 OBJS      = \
29     ssh-add.o
30 SRCS      = $(OBJS:.o=.c)

32 include ../Makefile.cmd
33 include ../Makefile.ssh-common

35 LDLIBS += $(SSH_COMMON_LDLIBS) -lsocket

37 # libcrypto has no lint library, so we can only use it when building
38 $(PROG) := LDLIBS += -lcrypto
35 LDLIBS += $(SSH_COMMON_LDLIBS) -lsocket -lcrypto

40 POFILE_DIR= ..

42 .KEEP_STATE:

44 .PARALLEL: $(OBJS)

46 all: $(PROG)

48 $(PROG): $(OBJS) ../libssh/$(MACH)/libssh.a ../libopenbsd-compat/$(MACH)/libopen
49     $(LINK.c) $(OBJS) -o $@ $(LDLIBS) $(DYNFLAGS)
50     $(POST_PROCESS)

52 install: all $(ROOTPROG)

54 clean:
55     $(RM) -f $(OBJS) $(PROG)

57 lint: lint_SRCS

59 include ../Makefile.msg.targ
60 include ../Makefile.targ
```

new/usr/src/cmd/ssh/ssh-agent/Makefile

1

1548 Wed May 21 04:03:21 2014

new/usr/src/cmd/ssh/ssh-agent/Makefile

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23 #
24 # cmd/ssh/ssh-agent/Makefile

26 PROG= ssh-agent

28 OBJS      = \
29     ssh-agent.o
30 SRCS      = $(OBJS:.o=.c)

32 include ../Makefile.cmd
33 include ../Makefile.ssh-common

35 LDLIBS += $(SSH_COMMON_LDLIBS) -lsocket

37 # libcrypto has no lint library, so we can only use it when building
38 $(PROG) := LDLIBS += -lcrypto
35 LDLIBS += $(SSH_COMMON_LDLIBS) -lsocket -lcrypto

40 POFILE_DIR= ..

42 .KEEP_STATE:

44 .PARALLEL: $(OBJS)

46 all: $(PROG)

48 $(PROG): $(OBJS) ../libssh/$(MACH)/libssh.a ../libopenbsd-compat/$(MACH)/libopen
49     $(LINK.c) $(OBJS) -o $@ $(LDLIBS) $(DYNFLAGS)
50     $(POST_PROCESS)

52 install: all $(ROOTPROG)

54 clean:
55     $(RM) -f $(OBJS) $(PROG)

57 lint: lint_SRCS

59 include ../Makefile.msg.targ
60 include ../Makefile.targ
```


new/usr/src/cmd/ssh/ssh-keygen/Makefile

1

1551 Wed May 21 04:03:23 2014

new/usr/src/cmd/ssh/ssh-keygen/Makefile

4853 illumos-gate is not lint-clean when built with openssl 1.0

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24 # cmd/ssh/ssh-keygen/Makefile

26 PROG= ssh-keygen

28 OBJS      = \
29     ssh-keygen.o
30 SRCS      = $(OBJS:.o=.c)

32 include ../Makefile.cmd
33 include ../Makefile.ssh-common

35 LDLIBS += $(SSH_COMMON_LDLIBS) -lsocket

37 # libcrypto has no lint library, so we can only use it when building
38 $(PROG) := LDLIBS += -lcrypto
35 LDLIBS += $(SSH_COMMON_LDLIBS) -lcrypto -lsocket

40 POFILE_DIR= ..

42 .KEEP_STATE:

44 .PARALLEL: $(OBJS)

46 all: $(PROG)

48 $(PROG): $(OBJS) ../libssh/$(MACH)/libssh.a ../libopenbsd-compat/$(MACH)/libopen
49     $(LINK.c) $(OBJS) -o $@ $(LDLIBS) $(DYNFLAGS)
50     $(POST_PROCESS)

52 install: all $(ROOTPROG)

54 clean:
55     $(RM) -f $(OBJS) $(PROG)

57 lint: lint_SRCS

59 include ../Makefile.msg.targ
60 include ../Makefile.targ
```

new/usr/src/cmd/ssh/ssh-keyscan/Makefile

1

1564 Wed May 21 04:03:25 2014

new/usr/src/cmd/ssh/ssh-keyscan/Makefile

4853 illumos-gate is not lint-clean when built with openssl 1.0

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23 #
24 # cmd/ssh/ssh-keyscan/Makefile

26 PROG= ssh-keyscan

28 OBJS      = \
29     ssh-keyscan.o
30 SRCS      = $(OBJS:.o=.c)

32 include ../Makefile.cmd
33 include ../Makefile.ssh-common

35 LDLIBS += $(SSH_COMMON_LDLIBS) -lsocket -lnsl -lz

37 # libcrypto has no lint library, so we can only use it when building
38 $(PROG) := LDLIBS += -lcrypto
35 LDLIBS += $(SSH_COMMON_LDLIBS) -lsocket -lnsl -lz -lcrypto

40 POFILE_DIR= ..

42 .KEEP_STATE:

44 .PARALLEL: $(OBJS)

46 all: $(PROG)

48 $(PROG): $(OBJS) ../libssh/$(MACH)/libssh.a ../libopenbsd-compat/$(MACH)/libopen
49     $(LINK.c) $(OBJS) -o $@ $(LDLIBS) $(DYNFLAGS)
50     $(POST_PROCESS)

52 clean:
53     $(RM) -f $(OBJS) $(PROG)

55 lint: lint_SRCS

57 include ../Makefile.msg.targ
58 include ../Makefile.targ

60 install: all $(ROOTPROG)
```

new/usr/src/cmd/ssh/ssh-keysign/Makefile

1

```
*****
1685 Wed May 21 04:03:27 2014
new/usr/src/cmd/ssh/ssh-keysign/Makefile
4853 illumos-gate is not lint-clean when built with openssl 1.0
*****

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23 #
24 # cmd/ssh/ssh-keysign/Makefile

26 PROG= ssh-keysign

28 DIRS= $(ROOTLIBSSH)

31 OBJS    = ssh-keysign.o
32 SRCS    = $(OBJS:.o=.c)

34 include ../../Makefile.cmd
35 include ../Makefile.ssh-common

37 FILEMODE= 04555

39 LDLIBS += $(SSH_COMMON_LDLIBS) -lsocket -lnsl -lz

41 # libcrypto has no lint library, so we can only use it when building
42 $(PROG) := LDLIBS += -lcrypto
39 LDLIBS += $(SSH_COMMON_LDLIBS) -lsocket -lnsl -lz -lcrypto

44 POFILE_DIR= ..

46 .KEEP_STATE:

48 .PARALLEL: $(OBJS)

50 all: $(PROG)

52 $(PROG): $(OBJS) ../libssh/$(MACH)/libssh.a ../libopenbsd-compat/$(MACH)/libopen
53          $(LINK.c) $(OBJS) -o $@ $(LDLIBS) $(DYNFLAGS)
54          $(POST_PROCESS)

56 clean:
57      $(RM) -f $(OBJS) $(PROG)

59 lint:  lint_SRCS
```

new/usr/src/cmd/ssh/ssh-keysign/Makefile

2

```
61 include ../Makefile.msg.targ
62 include ../../Makefile.targ

64 install: all $(DIRS) $(ROOTLIBSSHPROG) $(ROOTLIBSSH)

67 $(ROOTLIBSSHPROG)/%: %
68      $(INS.file)

70 $(DIRS):
71      $(INS.dir)
```

new/usr/src/cmd/ssh/ssh/Makefile

1

```
*****
1681 Wed May 21 04:03:27 2014
new/usr/src/cmd/ssh/ssh/Makefile
4853 illumos-gate is not lint-clean when built with openssl 1.0
*****

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23 #
24 # cmd/ssh/ssh/Makefile

26 PROG= ssh

28 OBJS    = ssh.o \
29          sshconnect.o \
30          sshconnect1.o \
31          sshconnect2.o \
32          sshTTY.o \
33          clientloop.o \
34          gss-clnt.o
35 SRCS    = $(OBJS:.o=.c)

37 include ../../Makefile.cmd
38 include ../../Makefile.ssh-common

40 LDLIBS += $(SSH_COMMON_LDLIBS) -lsocket \
41          -lnsl \
42          -lz \
43          -lcrypto \
43          -lgss

45 # libcrypto has no lint library, so we can only use it when building
46 $(PROG) := LDLIBS += -lcrypto
47 #endif /* ! codereview */

49 POFILE_DIR= ..

51 .KEEP_STATE:

53 .PARALLEL: $(OBJS)

55 all: $(PROG)

57 $(PROG): $(OBJS) ../../libssh/$(MACH)/libssh.a ../../libopenbsd-compat/$(MACH)/libopen
58          $(LINK.c) $(OBJS) -o $@ $(LDLIBS) $(DYNFLAGS)
59          $(POST_PROCESS)
```

new/usr/src/cmd/ssh/ssh/Makefile

2

```
61 install: all $(ROOTPROG)

63 clean:
64         $(RM) -f $(OBJS) $(PROG)

66 lint:    lint_SRCS

68 include ../Makefile.msg.targ

70 XGETFLAGS += --keyword=log
71 include ../../Makefile.targ
```

new/usr/src/cmd/ssh/sshd/Makefile

1

```
*****
2503 Wed May 21 04:03:29 2014
new/usr/src/cmd/ssh/sshd/Makefile
4853 illumos-gate is not lint-clean when built with openssl 1.0
*****
```

```
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23 #
24 # cmd/ssh/sshd/Makefile

26 PROG= sshd

28 DIRS= $(ROOTLIBSSH)

30 OBJS   = sshd.o \
31         altprivsep.o \
32         auth.o \
33         auth1.o \
34         auth2.o \
35         auth-options.o \
36         auth2-chall.o \
37         auth2-gss.o \
38         auth2-hostbased.o \
39         auth2-kbdint.o \
40         auth2-none.o \
41         auth2-passwd.o \
42         auth2-pam.o \
43         auth2-pubkey.o \
44         auth-bsdauth.o \
45         auth-chall.o \
46         auth-rhosts.o \
47         auth-krb4.o \
48         auth-krb5.o \
49         auth-pam.o \
50         auth-passwd.o \
51         auth-rsa.o \
52         auth-rh-rsa.o \
53         auth-sia.o \
54         auth-skey.o \
55         bsmaudit.o \
56         groupaccess.o \
57         gss-serv.o \
58         loginrec.o \
59         servconf.o \
60         serverloop.o \
61         session.o \
```

new/usr/src/cmd/ssh/sshd/Makefile

2

```
62         sshlogin.o \
63         sshpty.o

65 EXTOBJS = sftp-server.o

67 SRCS    = $(OBJS:.o=.c) ../sftp-server/sftp-server.c

69 include ../../Makefile.cmd
70 include ../../Makefile.ssh-common

72 LDLIBS += $(SSH_COMMON_LDLIBS) -lsocket \
73         -lnsl \
74         -lz \
75         -lpam \
76         -lbsd \
77         -lwrap \
78         -lcrypto \
79         -lgss \
80         -lcontract
81 MAPFILES = $(MAPFILE.INT) $(MAPFILE.NGB)
82 LDFLAGS += $(MAPFILES:%=-M%)

83 # libcrypto has no lint library, so we can only use it when building
84 $(PROG) := LDLIBS += -lcrypto
85 #endif /* ! codereview */

87 POFILE_DIR= ..

89 .KEEP_STATE:

91 .PARALLEL: $(OBJS)

93 all: $(PROG)

95 $(PROG): $(OBJS) $(EXTOBJS) $(MAPFILES) ../libssh/$(MACH)/libssh.a \
96         ../libopenbsd-compat/$(MACH)/libopenbsd-compat.a
97         $(LINK.c) $(OBJS) $(EXTOBJS) -o $@ $(LDLIBS) $(DYNFLAGS)
98         $(POST_PROCESS)

100 %.o : ../sftp-server/%.c
101         $(COMPILE.c) -o $@ $<
102         $(POST_PROCESS)

104 install: all $(DIRS) $(ROOTLIBSSHPROG) $(ROOTLIBSSH)

107 $(ROOTLIBSSHPROG)/%: %
108         $(INS.file)

110 $(DIRS):
111         $(INS.dir)

113 clean:
114         $(RM) $(OBJS) $(EXTOBJS)

116 lint: lint_SRCS

118 include ../../Makefile.msg.targ
119 include ../../Makefile.targ
```

new/usr/src/common/net/wanboot/boot_http.c

1

72083 Wed May 21 04:03:29 2014

new/usr/src/common/net/wanboot/boot_http.c

4853 illumos-gate is not lint-clean when built with openssl 1.0

_____unchanged_portion_omitted_____

```
2230 /*
2231  * print_ciphers - Print the list of ciphers for debugging.
2232  *
2233  *      print_ciphers(ssl);
2234  *
2235  * Arguments:
2236  *      ssl      - SSL connection.
2237  *
2238  * Returns:
2239  *      none
2240  */
2241 static void
2242 print_ciphers(SSL *ssl)
2243 {
2244     SSL_CIPHER      *c;
2245     STACK_OF(SSL_CIPHER) *sk;
2246     int             i;
2247     const char      *name;
2248
2249     if (ssl == NULL)
2250         return;
2251
2252     sk = SSL_get_ciphers(ssl);
2253     if (sk == NULL)
2254         return;
2255
2256     for (i = 0; i < sk_SSL_CIPHER_num(sk); i++) {
2257         /* LINTED */
2258         c = sk_SSL_CIPHER_value(sk, i);
2259         libbootlog(BOOTLOG_VERBOSE, "%08lx %s", c->id, c->name);
2260     }
2261     name = SSL_get_cipher_name(ssl);
2262     if (name == NULL)
2263         name = "";
2264     libbootlog(BOOTLOG_VERBOSE, "Current cipher = %s", name);
2265 }
```

_____unchanged_portion_omitted_____

new/usr/src/lib/libkmf/plugins/kmf_openssl/Makefile.com

1

```
*****
2176 Wed May 21 04:03:30 2014
new/usr/src/lib/libkmf/plugins/kmf_openssl/Makefile.com
4853 illumos-gate is not lint-clean when built with openssl 1.0
*****
```

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23 #
24 # Makefile for KMF Plugins
25 #

27 LIBRARY=      kmf_openssl.a
28 VERS=         .1

30 OBJECTS=      openssl_spi.o

32 include $(SRC)/lib/Makefile.lib

34 LIBLINKS=     $(DYNLIB:.so.1=.so)
35 KMFINC=       -I../.../include -I../.../ber_der/inc

37 BERLIB=       -lkmf -lkmfberder
38 BERLIB64=     $(BERLIB)

40 OPENSLLIBS=   $(BERLIB) -lcrypto -lcryptoutil -lc
41 OPENSLLIBS64= $(BERLIB64) -lcrypto -lcryptoutil -lc

43 LINTSSLLIBS   = $(BERLIB) -lcryptoutil -lc
44 LINTSSLLIBS64 = $(BERLIB64) -lcryptoutil -lc

46 # OpenSSLs API includes some macro expansions that are incompatible with lint,
47 # depending on the version of OpenSSL used
48 LINTFLAGS += -erroff=E_SUPPRESSION_DIRECTIVE_UNUSED
49 LINTFLAGS64 += -erroff=E_SUPPRESSION_DIRECTIVE_UNUSED
43 LINTSSLLIBS = $(BERLIB) -lcrypto -lcryptoutil -lc
44 LINTSSLLIBS64 = $(BERLIB64) -lcrypto -lcryptoutil -lc

51 SRCDIR=      ../common
52 INCDIR=      ../.../include

54 CFLAGS       += $(CCVERBOSE)
55 CPPFLAGS     += -D_REENTRANT $(KMFINC) \
56              -I$(INCDIR) -I$(ADJUNCT_PROTO)/usr/include/libxml2

58 CERRWARN     += -_gcc=-Wno-unused-label
59 CERRWARN     += -_gcc=-Wno-unused-value
```

new/usr/src/lib/libkmf/plugins/kmf_openssl/Makefile.com

2

```
60 CERRWARN     += -_gcc=-Wno-uninitialized

62 PICS=        $(OBJECTS:%=pics/%)

64 lint:=      OPENSLLIBS=    $(LINTSSLLIBS)
65 lint:=      OPENSLLIBS64=  $(LINTSSLLIBS64)

67 LDLIBS32     += $(OPENSLLIBS)

69 ROOTLIBDIR=  $(ROOTFS_LIBDIR)/crypto
70 ROOTLIBDIR64= $(ROOTFS_LIBDIR)/crypto/$(MACH64)

72 .KEEP_STATE:

74 LIBS        = $(DYNLIB)
75 all:        $(DYNLIB) $(LINTLIB)

77 lint: lintcheck

79 FRC:

81 include $(SRC)/lib/Makefile.targ
```

new/usr/src/lib/libkmf/plugins/kmf_openssl/common/openssl_spi.c

1

133868 Wed May 21 04:03:30 2014

new/usr/src/lib/libkmf/plugins/kmf_openssl/common/openssl_spi.c

4853 illumos-gate is not lint-clean when built with openssl 1.0

_____unchanged_portion_omitted_____

```
3757 static KMF_RETURN
3758 set_pkey_attr(EVP_PKEY *pkey, ASN1_TYPE *attrib, int nid)
3759 {
3760     X509_ATTRIBUTE *attr = NULL;
3761
3762     if (pkey == NULL || attrib == NULL)
3763         return (KMF_ERR_BAD_PARAMETER);
3764
3765     if (pkey->attributes == NULL) {
3766         pkey->attributes = sk_X509_ATTRIBUTE_new_null();
3767         if (pkey->attributes == NULL)
3768             return (KMF_ERR_MEMORY);
3769     }
3770     attr = X509_ATTRIBUTE_create(nid, attrib->type, attrib->value.ptr);
3771     if (attr != NULL) {
3772         int i;
3773         X509_ATTRIBUTE *a;
3774         for (i = 0;
3775              i < sk_X509_ATTRIBUTE_num(pkey->attributes); i++) {
3776             /* LINTED E_BAD_PTR_CASE_ALIGN */
3777             a = sk_X509_ATTRIBUTE_value(pkey->attributes, i);
3778             if (OBJ_obj2nid(a->object) == nid) {
3779                 X509_ATTRIBUTE_free(a);
3780                 /* LINTED E_BAD_PTR_CAST_ALIGN */
3781                 (void) sk_X509_ATTRIBUTE_set(pkey->attributes,
3782                                             sk_X509_ATTRIBUTE_set(pkey->attributes,
3783                                                                     i, attr);
3784                 return (KMF_OK);
3785             }
3786         }
3787         if (sk_X509_ATTRIBUTE_push(pkey->attributes, attr) == NULL) {
3788             X509_ATTRIBUTE_free(attr);
3789             return (KMF_ERR_MEMORY);
3790         }
3791     } else {
3792         return (KMF_ERR_MEMORY);
3793     }
3794
3795     return (KMF_OK);
3796 }
```

_____unchanged_portion_omitted_____

new/usr/src/lib/libpkg/Makefile.com

1

2572 Wed May 21 04:03:31 2014
new/usr/src/lib/libpkg/Makefile.com
4853 illumos-gate is not lint-clean when built with openssl 1.0

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25 #
26
27 LIBRARY= libpkg.a
28 VERS= .1
29
30 # include library definitions
31 OBJECTS= \
32     canonize.o ckparam.o ckvolseq.o \
33     devtype.o dstream.o gpkglst.o \
34     gpkgmap.o isdir.o logerr.o \
35     mappath.o ncgrp.o nhash.o \
36     pkgexcl.o pkgexecv.o pkgmount.o \
37     pkgtrans.o ppgkmap.o \
38     progerr.o putcf.o rrmkdir.o \
39     runcmd.o srchcf.o tputcf.o \
40     verify.o security.o pkgweb.o \
41     pkgerr.o keystore.o pl2lib.o \
42     vfpop.o fmkdir.o pkgstr.o \
43     handlelocalfs.o pkgserve.o
44
45 # include library definitions
46 include $(SRC)/lib/Makefile.lib
47
48
49 SRCDIR= ../common
50
51 POFILE = libpkg.po
52 MSGFILES = $(OBJECTS:%.o=../common/%.i)
53 CLEANFILES += $(MSGFILES)
54
55 # This library is NOT lint clean
56
57 # openssl forces us to ignore dubious pointer casts, thanks to its clever
58 # use of macros for stack management.
59 LINTFLAGS= -umx -errtags \
60     -erroff=E_BAD_PTR_CAST_ALIGN,E_BAD_PTR_CAST,E_SUPPRESSION_DIRECT
61     -erroff=E_BAD_PTR_CAST_ALIGN,E_BAD_PTR_CAST
```

new/usr/src/lib/libpkg/Makefile.com

2

61 \$(LINTLIB):= SRCS = \$(SRCDIR)/\$(LINTSRC)

64 LIBS = \$(DYNLIB) \$(LINTLIB)

67 LDLIBS += -lc -lwanboot -lscf -ladm

69 # libcrypto and libssl have no lint library, and so can only be used when
70 # building

71 \$(DYNLIB) := LDLIBS += -lcrypto -lssl

67 LDLIBS += -lc -lssl -lwanboot -lcrypto -lscf -ladm

73 CFLAGS += \$(CCVERBOSE)

74 CERRWARN += -gcc=-Wno-unused-label

75 CERRWARN += -gcc=-Wno-parentheses

76 CERRWARN += -gcc=-Wno-uninitialized

77 CERRWARN += -gcc=-Wno-clobbered

78 CERRWARN += -gcc=-Wno-switch

79 CERRWARN += -gcc=-Wno-unused-value

80 CPPFLAGS += -I\$(SRCDIR) -D_FILE_OFFSET_BITS=64

82 .KEEP_STATE:

84 all: \$(LIBS)

86 \$(POFILE): \$(MSGFILES)

87 \$(BUILDPO.msgfiles)

89 _msg: \$(MSGDOMAINPOFILE)

91 lint: lintcheck

93 # include library targets

94 include \$(SRC)/lib/Makefile.targ

95 include \$(SRC)/Makefile.msg.targ

new/usr/src/lib/libpkg/common/security.c

1

6803 Wed May 21 04:03:32 2014

new/usr/src/lib/libpkg/common/security.c

4853 illumos-gate is not lint-clean when built with openssl 1.0

_____unchanged_portion_omitted_____

```
79 /*
80  * get_cert_chain - Builds a chain of certificates, from a given
81  * user certificate to a trusted certificate.
82  *
83  * Arguments:
84  * err - Error object to add errors to
85  * cert - User cert to start with
86  * cas - Trusted certs to use as trust anchors
87  * chain - The resulting chain of certs (in the form of an
88  * ordered set) is placed here.
89  *
90  * Returns:
91  * 0 - Success - chain is stored in 'chain'.
92  * non-zero - Failure, errors recorded in err
93  */
94 int
95 get_cert_chain(PKG_ERR *err, X509 *cert, STACK_OF(X509) *clcerts,
96               STACK_OF(X509) *cas, STACK_OF(X509) **chain)
97 {
98     X509_STORE_CTX *store_ctx = NULL;
99     X509_STORE *ca_store = NULL;
100     X509 *ca_cert = NULL;
101     int i;
102     int ret = 0;
103
104     if ((ca_store = X509_STORE_new()) == NULL) {
105         pkgerr_add(err, PKGERR_NOMEM,
106                  gettext(ERR_MEM));
107         ret = 1;
108         goto cleanup;
109     }
110
111     /* add all ca certs into the store */
112     for (i = 0; i < sk_X509_num(cas); i++) {
113         /* LINTED pointer cast may result in improper alignment */
114         ca_cert = sk_X509_value(cas, i);
115         if (X509_STORE_add_cert(ca_store, ca_cert) == 0) {
116             pkgerr_add(err, PKGERR_NOMEM, gettext(ERR_MEM));
117             ret = 1;
118             goto cleanup;
119         }
120     }
121
122     /* initialize context object used during the chain resolution */
123
124     if ((store_ctx = X509_STORE_CTX_new()) == NULL) {
125         pkgerr_add(err, PKGERR_NOMEM, gettext(ERR_MEM));
126         ret = 1;
127         goto cleanup;
128     }
129
130     (void) X509_STORE_CTX_init(store_ctx, ca_store, cert, clcerts);
131     /* attempt to verify the cert, which builds the cert chain */
132     if (X509_verify_cert(store_ctx) <= 0) {
133         pkgerr_add(err, PKGERR_CHAIN,
134                  gettext(ERR_CERTCHAIN),
135                  get_subject_display_name(cert),
136                  X509_verify_cert_error_string(store_ctx->error));
137         ret = 1;
138     }
139 }
```

new/usr/src/lib/libpkg/common/security.c

2

```
137         goto cleanup;
138     }
139     *chain = X509_STORE_CTX_get1_chain(store_ctx);
140
141 cleanup:
142     if (ca_store != NULL)
143         (void) X509_STORE_free(ca_store);
144     if (store_ctx != NULL) {
145         (void) X509_STORE_CTX_cleanup(store_ctx);
146         (void) X509_STORE_CTX_free(store_ctx);
147     }
148
149     return (ret);
150 }
151
152 /*
153  * Name: get_subject_name
154  * Description: Retrieves a name used for identifying a certificate's subject.
155  *
156  * Arguments: cert - The certificate to get the name from
157  *
158  * Returns : A static buffer containing the common name (CN) of the
159  *            subject of the cert.
160  *
161  * if the CN is not available, returns a string with the entire
162  * X509 distinguished name.
163  */
164 char
165 *get_subject_display_name(X509 *cert)
166 {
167     X509_NAME *xname;
168     static char sname[ATTR_MAX];
169
170     xname = X509_get_subject_name(cert);
171     if (X509_NAME_get_text_by_NID(xname,
172                                   NID_commonName, sname,
173                                   ATTR_MAX) <= 0) {
174         (void) strncpy(sname,
175                       X509_NAME_oneline(xname, NULL, 0), ATTR_MAX);
176         X509_NAME_oneline(xname,
177                           NULL, 0), ATTR_MAX);
178         sname[ATTR_MAX - 1] = '\0';
179     }
180     return (sname);
181 }
182
183 /*
184  * Name: get_display_name
185  * Description: Retrieves a name used for identifying a certificate's issuer.
186  *
187  * Arguments: cert - The certificate to get the name from
188  *
189  * Returns : A static buffer containing the common name (CN)
190  *            of the issuer of the cert.
191  *
192  * if the CN is not available, returns a string with the entire
193  * X509 distinguished name.
194  */
195 char
196 *get_issuer_display_name(X509 *cert)
197 {
198     X509_NAME *xname;
199     static char sname[ATTR_MAX];
200
201     xname = X509_get_issuer_name(cert);
202     if (X509_NAME_get_text_by_NID(xname,
203                                   NID_commonName, sname,
204                                   ATTR_MAX) <= 0) {
205         (void) strncpy(sname,
206                       X509_NAME_oneline(xname, NULL, 0), ATTR_MAX);
207         X509_NAME_oneline(xname,
208                           NULL, 0), ATTR_MAX);
209         sname[ATTR_MAX - 1] = '\0';
210     }
211     return (sname);
212 }
```

```
201     xname = X509_get_issuer_name(cert);
202     if (X509_NAME_get_text_by_NID(xname,
203         NID_commonName, sname,
204         ATTR_MAX) <= 0) {
205         (void) strncpy(sname,
206             X509_NAME_oneline(xname, NULL, 0), ATTR_MAX);
207         X509_NAME_oneline(xname,
208             NULL, 0), ATTR_MAX);
209         sname[ATTR_MAX - 1] = '\0';
210     }
211     return (sname);
212 }
```

unchanged_portion_omitted

new/usr/src/lib/libwanboot/Makefile.com

1

```
*****
2998 Wed May 21 04:03:32 2014
new/usr/src/lib/libwanboot/Makefile.com
4853 illumos-gate is not lint-clean when built with openssl 1.0
*****
```

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25 #

27 LIBRARY =      libwanboot.a
28 VERS =        .1

30 # List of locally located modules.
31 LOC_DIR =      ../common
32 LOC_OBJS =      socket_inet.o bootinfo_aux.o
33 LOC_SRCS =      $(LOC_OBJS:%.o=$(LOC_DIR)/%.c)

35 # List of common wanboot objects.
36 COM_DIR =      ../../../common/net/wanboot
37 COM_OBJS =      auxutil.o \
38                 boot_http.o \
39                 bootconf.o \
40                 bootconf_errmsg.o \
41                 bootinfo.o \
42                 bootlog.o \
43                 http_errorstr.o \
44                 pl2access.o \
45                 pl2auxpars.o \
46                 pl2auxutl.o \
47                 pl2err.o \
48                 pl2misc.o \
49                 parseURL.o
50 COM_SRCS =      $(COM_OBJS:%.o=$(COM_DIR)/%.c)

52 # List of common DHCP modules.
53 DHCP_DIR =      $(SRC)/common/net/dhcp
54 DHCP_OBJS =      dhcpinfo.o
55 DHCP_SRCS =      $(DHCP_OBJS:%.o=$(DHCP_DIR)/%.c)

57 OBJECTS =      $(LOC_OBJS) $(COM_OBJS) $(DHCP_OBJS)

59 include ../../Makefile.lib

61 LIBS +=         $(LINTLIB)
```

new/usr/src/lib/libwanboot/Makefile.com

2

```
62 LDLIBS +=      -lnvpair -lresolv -lnsl -lsocket -ldevinfo -ldhcuputil \
63                 -linetutil -lc

65 # libcrypto and libssl have no lint library, so we can only use it when
66 # building
67 $(DYNLIB) := LDLIBS += -lcrypto -lssl

63                 -linetutil -lc -lcrypto -lssl
69 CPPFLAGS =      -I$(SRC)/common/net/wanboot/crypt $(CPPFLAGS.master)
70 CERRWARN +=      _gcc=-Wno-switch
71 CERRWARN +=      _gcc=-Wno-parentheses
72 CERRWARN +=      _gcc=-Wno-unused-value
73 CERRWARN +=      _gcc=-Wno-uninitialized

75 # Must override SRCS from Makefile.lib since sources have
76 # multiple source directories.
77 SRCS =           $(LOC_SRCS) $(COM_SRCS) $(DHCP_SRCS)

79 # Must define location of lint library source.
80 SRCDIR =         $(LOC_DIR)
81 $(LINTLIB) :=    SRCS = $(SRCDIR)/$(LINTSRC)

83 # OpenSSL requires us to turn this off
84 LINTFLAGS +=     -erroff=E_BAD_PTR_CAST_ALIGN
85 LINTFLAGS64 +=   -erroff=E_BAD_PTR_CAST_ALIGN

87 # OpenSSLs API includes some macro expansions that are incompatible with lint,
88 # depending on the version of OpenSSL used
89 LINTFLAGS +=     -erroff=E_SUPPRESSION_DIRECTIVE_UNUSED
90 LINTFLAGS64 +=   -erroff=E_SUPPRESSION_DIRECTIVE_UNUSED
91 #endif /* ! codereview */

93 CFLAGS +=        $(CCVERBOSE)
94 CPPFLAGS +=      -I$(LOC_DIR) -I$(COM_DIR) -I$(DHCP_DIR)

96 .KEEP_STATE:

98 all: $(LIBS)

100 lint: lintcheck

102 pics/%.o: $(COM_DIR)/%.c
103           $(COMPILE.c) -o $@ $<
104           $(POST_PROCESS_O)

106 pics/%.o: $(DHCP_DIR)/%.c
107           $(COMPILE.c) -o $@ $<
108           $(POST_PROCESS_O)

110 include ../../Makefile.targ
```

new/usr/src/lib/pkcs11/pkcs11_tpm/Makefile.com

1

```
*****
2438 Wed May 21 04:03:32 2014
new/usr/src/lib/pkcs11/pkcs11_tpm/Makefile.com
4853 illumos-gate is not lint-clean when built with openssl 1.0
*****
```

```
1 #
2 # CDDL HEADER START
3 #
4 # The contents of this file are subject to the terms of the
5 # Common Development and Distribution License (the "License").
6 # You may not use this file except in compliance with the License.
7 #
8 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
9 # or http://www.opensolaris.org/os/licensing.
10 # See the License for the specific language governing permissions
11 # and limitations under the License.
12 #
13 # When distributing Covered Code, include this CDDL HEADER in each
14 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
15 # If applicable, add the following below this CDDL HEADER, with the
16 # fields enclosed by brackets "[]" replaced with your own identifying
17 # information: Portions Copyright [yyyy] [name of copyright owner]
18 #
19 # CDDL HEADER END
20 #
21 # Copyright 2009 Sun Microsystems, Inc. All rights reserved.
22 # Use is subject to license terms.
23 #
24 LIBRARY =      pkcs11_tpm.a
25 VERS =        .1

27 OBJECTS= api_interface.o \
28          apiutil.o \
29          asnl.o \
30          cert.o \
31          data_obj.o \
32          decr_mgr.o \
33          dig_mgr.o \
34          encr_mgr.o \
35          globals.o \
36          hwf_obj.o \
37          key.o \
38          key_mgr.o \
39          loadsave.o \
40          log.o \
41          mech_md5.o \
42          mech_rsa.o \
43          mech_sha.o \
44          new_host.o \
45          obj_mgr.o \
46          object.o \
47          sess_mgr.o \
48          sign_mgr.o \
49          template.o \
50          tpm_specific.o \
51          utility.o \
52          verify_mgr.o
```

55 include \$(SRC)/lib/Makefile.lib

57 SRCDIR= ../common

59 SRCS= \$(OBJECTS:%.o=\$(SRCDIR)/%.c)

61 # set signing mode

new/usr/src/lib/pkcs11/pkcs11_tpm/Makefile.com

2

62 POST_PROCESS_SO += ; \$(ELFSIGN_CRYPT0)

64 ROOTLIBDIR=\$(ROOT)/usr/lib/security
65 ROOTLIBDIR64=\$(ROOT)/usr/lib/security/\$(MACH64)

67 LIBS=\$(DYNLIB) \$(DYNLIB64)

69 TSSROOT=\$(ADJUNCT_PROTO)
70 TSPILIBDIR=\$(TSSROOT)/usr/lib
71 TSPINCNDIR=\$(TSSROOT)/usr/include
72 TSSLIB=-L\$(TSPILIBDIR)
73 TSSLIB64=-L\$(TSPILIBDIR)/\$(MACH64)
74 TSSINC=-I\$(TSPINCNDIR)

76 LDLIBS += \$(TSSLIB) -L\$(ADJUNCT_PROTO)/lib -lc -luuid -lmd -ltspi

78 # libcrypto has no lint library, so we can only use it when
79 # building
80 \$(LIBS) := LDLIBS += -lcrypto

76 LDLIBS += \$(TSSLIB) -L\$(ADJUNCT_PROTO)/lib -lc -luuid -lmd -ltspi -lcrypto
82 CPPFLAGS += -xCC -D_POSIX_PTHREAD_SEMANTICS \$(TSSINC)
83 CPPFLAGS64 += \$(CPPFLAGS)
84 C99MODE= \$(C99_ENABLE)

86 CERRWARN += -_gcc=-Wno-parentheses
87 CERRWARN += -_gcc=-Wno-unused-label
88 CERRWARN += -_gcc=-Wno-uninitialized

90 LINTSRC= \$(OBJECTS:%.o=\$(SRCDIR)/%.c)

92 \$(LINTLIB):= SRCS = \$(SRCDIR)/\$(LINTSRC)
93 LINTSRC= \$(SRCS)

95 CLOBBERFILES += C.ln

97 .KEEP_STATE:

99 all: \$(LIBS)

100

101 lint: \$\$\$(LINTSRC)

102 \$(LINT.c) \$(LINTCHECKFLAGS) \$(LINTSRC) \$(LDLIBS)

104 pics/%.o: \$(SRCDIR)/%.c

105 \$(COMPILE.c) -o \$@ \$<

106 \$(POST_PROCESS_O)

108 include \$(SRC)/lib/Makefile.targ