

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

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1274 Tue May 20 11:53:48 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

Reviewed by Keith Wesolowski <keith.wesolowski@joyent.com>

Reviewed by Alexander Eremin <alexander.eremin@nexenta.com>

\*\*\*\*\*

```
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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=-Who-uninitialized

34 # OpenSSL 1.0 and 0.9.8 produce different lint warnings
35 LINTFLAGS += -erroff=E_SUPPRESSION_DIRECTIVE_UNUSED
36 LINTFLAGS64 += -erroff=E_SUPPRESSION_DIRECTIVE_UNUSED

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

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

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1265 Tue May 20 11:53:48 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
Reviewed by Keith Wesolowski <keith.wesolowski@joyent.com>
Reviewed by Alexander Eremin <alexander.eremin@nexenta.com>
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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

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*****
1236 Tue May 20 11:53:49 2014
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4853 illumos-gate is not lint-clean when built with openssl 1.0
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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
```

```

*****
2444 Tue May 20 11:53:49 2014
new/usr/src/cmd/ssh/libssh/Makefile.com
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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 \

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60 log.o \
61 mac.o \
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) $@ $(AROBJ)

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
98 lintcheck := LDLIBS += -lcrypto -lz -lsocket -lnsl -lc
99 $(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

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

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*****
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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
```

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

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59 include .././Makefile.targ
```

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*****
1580 Tue May 20 11:53:50 2014
new/usr/src/cmd/ssh/sftp/Makefile
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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

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

```

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

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*****
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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
```

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

2

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

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

1

```
*****
1548 Tue May 20 11:53:50 2014
new/usr/src/cmd/ssh/ssh-agent/Makefile
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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
```

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

2

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

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

1

```
*****
1551 Tue May 20 11:53:51 2014
new/usr/src/cmd/ssh/ssh-keygen/Makefile
4853 illumos-gate is not lint-clean when built with openssl 1.0
Reviewed by Keith Wesolowski <keith.wesolowski@joyent.com>
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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
```

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

2

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

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

1

```
*****
1564 Tue May 20 11:53:51 2014
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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
```

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

2

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60 install: all $(ROOTPROG)
```

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

1

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*****
1685 Tue May 20 11:53:51 2014
new/usr/src/cmd/ssh/ssh-keysign/Makefile
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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 LDDLIBS += $(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)
```

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

2

```
59 lint: lint_SRCS

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)
```

```

*****
1681 Tue May 20 11:53:52 2014
new/usr/src/cmd/ssh/ssh/Makefile
4853 illumos-gate is not lint-clean when built with openssl 1.0
Reviewed by Keith Wesolowski <keith.wesolowski@joyent.com>
Reviewed by Alexander Eremin <alexander.eremin@nexenta.com>
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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)

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

```

```

*****
2503 Tue May 20 11:53:52 2014
new/usr/src/cmd/ssh/sshd/Makefile
4853 illumos-gate is not lint-clean when built with openssl 1.0
Reviewed by Keith Wesolowski <keith.wesolowski@joyent.com>
Reviewed by Alexander Eremin <alexander.eremin@nexenta.com>
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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-key.o \
55 bsmaudit.o \
56 groupaccess.o \
57 gss-serv.o \
58 loginrec.o \
59 servconf.o \

```

```

60 serverloop.o \
61 session.o \
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 -lbsm \
77 -lwrap \
78 -lcrypto \
79 -lgss \
80 -lcontract
81 MAPFILES = $(MAPFILE.INT) $(MAPFILE.NGB)
82 LDFFLAGS += $(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_O)

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 Tue May 20 11:53:52 2014

new/usr/src/common/net/wanboot/boot\_http.c

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

Reviewed by Keith Wesolowski <keith.wesolowski@joyent.com>

Reviewed by Alexander Eremin <alexander.eremin@nexenta.com>

\*\*\*\*\*

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

```
*****
2110 Tue May 20 11:53:53 2014
new/usr/src/lib/libkmf/plugins/kmf_openssl/Makefile.com
4853 illumos-gate is not lint-clean when built with openssl 1.0
Reviewed by Keith Wesolowski <keith.wesolowski@joyent.com>
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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 # OpenSSL 1.0 and 0.9.8 produce different lint warnings
47 LINTFLAGS    += -erroff=E_SUPPRESSION_DIRECTIVE_UNUSED
48 LINTFLAGS64  += -erroff=E_SUPPRESSION_DIRECTIVE_UNUSED
49 LINTSSLLIBS  = $(BERLIB) -lcrypto -lcryptoutil -lc
44 LINTSSLLIBS64 = $(BERLIB64) -lcrypto -lcryptoutil -lc

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

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

57 CERRWARN     += -_gcc=-Wno-unused-label
```

new/usr/src/lib/libkmf/plugins/kmf\_openssl/Makefile.com

2

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

61 PICS=        $(OBJECTS:%=pics%)

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

66 LDLIBS32     += $(OPENSLLIBS)

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

71 .KEEP_STATE:

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

76 lint: lintcheck

78 FRC:

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

\*\*\*\*\*

133868 Tue May 20 11:53:53 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  
Reviewed by Keith Wesolowski <keith.wesolowski@joyent.com>  
Reviewed by Alexander Eremin <alexander.eremin@nexenta.com>  
\*\*\*\*\*

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             }
3785         }
3786         if (sk_X509_ATTRIBUTE_push(pkey->attributes, attr) == NULL) {
3787             X509_ATTRIBUTE_free(attr);
3788             return (KMF_ERR_MEMORY);
3789         }
3790     } else {
3791         return (KMF_ERR_MEMORY);
3792     }
3793
3794     return (KMF_OK);
3795 }
```

unchanged\_portion\_omitted

```

*****
2572 Tue May 20 11:53:54 2014
new/usr/src/lib/libpkg/Makefile.com
4853 illumos-gate is not lint-clean when built with openssl 1.0
Reviewed by Keith Wesolowski <keith.wesolowski@joyent.com>
Reviewed by Alexander Eremin <alexander.eremin@nexenta.com>
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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   ncgrpw.o   nhash.o \
36         pkgexecl.o  pkgexecv.o pkgmount.o \
37         pkgtrans.o  ppkgmap.o \
38         progerr.o   putcfile.o rmdir.o \
39         runcmd.o    srchcfile.o tputcfent.o \
40         verify.o    security.o pkgweb.o \
41         pkgerr.o    keystore.o pl2lib.o \
42         vfpops.o    fmkdir.o  pkgstr.o \
43         handlelocalfs.o pkgserv.o
44 #
45 #
46 # include library definitions
47 include $(SRC)/lib/Makefile.lib
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
60         -erroff=E_BAD_PTR_CAST_ALIGN,E_BAD_PTR_CAST
61 $(LINTLIB) := SRCS = $(SRCDIR)/$(LINTSRC)
62 #
63 #
64 LIBS = $(DYNLIB) $(LINTLIB)
65 #
66 #
67 LDLIBS +=    -lc -lwanboot -lscf -ladm
68 #
69 # libcrypto and libssl have no lint library, and so can only be used when
70 # building
71 $(DYNLIB) := LDLIBS += -lcrypto -lssl
72 LDLIBS +=    -lc -lssl -lwanboot -lcrypto -lscf -ladm
73 CFLAGS +=    $(CVERBOSE)
74 CERRWARN +=  -_gcc=-Wno-unused-label
75 CERRWARN +=  -_gcc=-Wno-parentheses
76 CERRWARN +=  -_gcc=-Wno-uninitialized
77 CERRWARN +=  -_gcc=-Wno-clobbered
78 CERRWARN +=  -_gcc=-Wno-switch
79 CERRWARN +=  -_gcc=-Wno-unused-value
80 CPPFLAGS +=  -I$(SRCDIR) -D_FILE_OFFSET_BITS=64
81 #
82 .KEEP_STATE:
83 #
84 all:         $(LIBS)
85 #
86 $(POFILE):  $(MSGFILES)
87             $(BUILDPO.msgfiles)
88 #
89 _msg:       $(MSGDOMAINPOFILE)
90 #
91 lint:       lintcheck
92 #
93 # include library targets
94 include $(SRC)/lib/Makefile.targ
95 include $(SRC)/Makefile.msg.targ

```

```

*****
6803 Tue May 20 11:53:54 2014
new/usr/src/lib/libpkg/common/security.c
4853 illumos-gate is not lint-clean when built with openssl 1.0
Reviewed by Keith Wesolowski <keith.wesolowski@joyent.com>
Reviewed by Alexander Eremin <alexander.eremin@nexenta.com>
*****
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;

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    }

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        }
121    /* initialize context object used during the chain resolution */

123    if ((store_ctx = X509_STORE_CTX_new()) == NULL) {
124        pkgerr_add(err, PKGERR_NOMEM, gettext(ERR_MEM));
125        ret = 1;
126        goto cleanup;
127    }

129    (void) X509_STORE_CTX_init(store_ctx, ca_store, cert, clcerts);
130    /* attempt to verify the cert, which builds the cert chain */
131    if (X509_verify_cert(store_ctx) <= 0) {
132        pkgerr_add(err, PKGERR_CHAIN,
133                 gettext(ERR_CERTCHAIN),
134                 get_subject_display_name(cert),

```

```

135         X509_verify_cert_error_string(store_ctx->error));
136         ret = 1;
137         goto cleanup;
138     }
139     *chain = X509_STORE_CTX_get1_chain(store_ctx);

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     }

149     return (ret);
150 }

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 {
168     X509_NAME *xname;
169     static char sname[ATTR_MAX];

171     xname = X509_get_subject_name(cert);
172     if (X509_NAME_get_text_by_NID(xname,
173                                  NID_commonName, sname,
174                                  ATTR_MAX) <= 0) {
175         (void) strncpy(sname,
176                       X509_NAME_oneline(xname, NULL, 0), ATTR_MAX);
177         X509_NAME_oneline(xname,
178                          NULL, 0), ATTR_MAX);
179     }
180     sname[ATTR_MAX - 1] = '\0';
181     return (sname);
182 }

182 /*
183 * Name:             get_display_name
184 * Description:      Retrieves a name used for identifying a certificate's issuer.
185 *
186 * Arguments:       cert - The certificate to get the name from
187 *
188 * Returns :        A static buffer containing the common name (CN)
189 *                  of the issuer of the cert.
190 *
191 *                  if the CN is not available, returns a string with the entire
192 *                  X509 distinguished name.
193 */
194 char
195 *get_issuer_display_name(X509 *cert)
196 {
198     X509_NAME *xname;

```

```
199     static char     sname[ATTR_MAX];
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

```

*****
2932 Tue May 20 11:53:54 2014
new/usr/src/lib/libwanboot/Makefile.com
4853 illumos-gate is not lint-clean when built with openssl 1.0
Reviewed by Keith Wesolowski <keith.wesolowski@joyent.com>
Reviewed by Alexander Eremin <alexander.eremin@nexenta.com>
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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)
62 LDLIBS += -lnypair -lresolv -lnsl -lsocket -ldevinfo -ldhcputil \
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 # OpenSSL 1.0 and 0.9.8 produce different lint warnings
88 LINTFLAGS += -erroff=E_SUPPRESSION_DIRECTIVE_UNUSED
89 LINTFLAGS64 += -erroff=E_SUPPRESSION_DIRECTIVE_UNUSED
90 #endif /* ! codereview */

92 CFLAGS += $(CVERBOSE)
93 CPPFLAGS += -I$(LOC_DIR) -I$(COM_DIR) -I$(DHCP_DIR)

95 .KEEP_STATE:

97 all: $(LIBS)

99 lint: lintcheck

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

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

109 include ../../Makefile.targ

```

new/usr/src/lib/pkcs11/pkcs11\_tpm/Makefile.com

1

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2438 Tue May 20 11:53:54 2014

new/usr/src/lib/pkcs11/pkcs11\_tpm/Makefile.com

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

Reviewed by Keith Wesolowski <keith.wesolowski@joyent.com>

Reviewed by Alexander Eremin <alexander.eremin@nexenta.com>

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```
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19 # CDDL HEADER END
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21 # Copyright 2009 Sun Microsystems, Inc. All rights reserved.
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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)
```

new/usr/src/lib/pkcs11/pkcs11\_tpm/Makefile.com

2

```
61 #      set signing mode
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 TSPINCINCDIR=$(TSSROOT)/usr/include
72 TSSLIB=-L$(TSPILIBDIR)
73 TSSLIB64=-L$(TSPILIBDIR)/$(MACH64)
74 TSSINC=-I$(TSPINCINCDIR)

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
```