

```

*****
142695 Thu Apr  4 13:55:27 2019
new/usr/src/cmd/dfs.cmds/sharemgr/commands.c
10685 SMB code needs smatch fixes
*****
1 /*
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19 * CDDL HEADER END
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26  * Copyright 2019, Joyent, Inc.
27 */

29 #include <sys/types.h>
30 #include <sys/stat.h>
31 #include <fcntl.h>
32 #include <stdlib.h>
33 #include <stdio.h>
34 #include <string.h>
35 #include <ctype.h>
36 #include <unistd.h>
37 #include <getopt.h>
38 #include <utmpx.h>
39 #include <pwd.h>
40 #include <auth_attr.h>
41 #include <secdb.h>
42 #include <sys/param.h>
43 #include <sys/stat.h>
44 #include <errno.h>

46 #include <libshare.h>
47 #include "sharemgr.h"
48 #include <libscf.h>
49 #include <libxml/tree.h>
50 #include <libintl.h>
51 #include <assert.h>
52 #include <iconv.h>
53 #include <langinfo.h>
54 #include <dirent.h>

56 static char *sa_get_usage(sa_usage_t);

58 /*
59  * Implementation of the common sub-commands supported by sharemgr.
60  * A number of helper functions are also included.
61  */

```

```

63 /*
64  * has_protocol(group, proto)
65  *   If the group has an optionset with the specified protocol,
66  *   return true (1) otherwise false (0).
67  */
68 static int
69 has_protocol(sa_group_t group, char *protocol)
70 {
71     sa_optionset_t optionset;
72     int result = 0;

74     optionset = sa_get_optionset(group, protocol);
75     if (optionset != NULL) {
76         result++;
77     }
78     return (result);
79 }

```

unchanged portion omitted

new/usr/src/cmd/fs.d/smbclnt/fksmbcl/Makefile

1

```
*****
2624 Thu Apr 4 13:55:28 2019
new/usr/src/cmd/fs.d/smbclnt/fksmbcl/Makefile
10685 SMB code needs smatch fixes
*****
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27 PROG= fksmbcl

29 OBJS_LOCAL = \
30 fksmbcl_main.o \
31 fkdev.o \
32 fknewvc.o \
33 fkiod_cl.o \
34 shares.o

36 OBJS= ${OBJS_LOCAL}
37 SRCS= ${OBJS_LOCAL}.o.c}

39 include ../../../Makefile.cmd
40 include ../../../Makefile.ctf

42 # Force SOURCEDEBUG
43 CSOURCEDEBUGFLAGS = -g
44 CCSOURCEDEBUGFLAGS = -g
45 STRIP_STABS = :

47 # Note: need our sys includes _before_ ENVCPPFLAGS, proto etc.
48 # Also, like Makefile.uts, reset CPPFLAGS
49 # CPPFLAGS.first += -I$(SRC)/lib/libfakekernel/common
50 CPPFLAGS.first += -I$(SRC)/lib/smbclnt/libfknsmb/common
51 CPPFLAGS= $(CPPFLAGS.first)

53 INCS += -I$(SRC)/uts/common/fs/smbclnt
54 INCS += -I$(SRC)/uts/common
55 INCS += -I$(SRC)/common/smbclnt
56 INCS += -I$(SRC)/common

58 # Allow cpp to find libfknsmb.h etc. via
59 # include <libfknsmb/common/libfknsmb.h>
60 INCS += -I$(SRC)/lib/smbclnt
61 INCS += -I$(SRC)/lib/libsmarfs
```

new/usr/src/cmd/fs.d/smbclnt/fksmbcl/Makefile

2

```
62 INCS += -I$(SRC)/lib/libsmarfs/netnsmb

64 CPPFLAGS += $(INCS)
65 CPPFLAGS += -D_REENTRANT
66 CPPFLAGS += -D_FILE_OFFSET_BITS=64
67 CPPFLAGS += -D_LARGEFILE64_SOURCE=1
68 CPPFLAGS += -DFKSMBCL
69 # Always want DEBUG here
70 CPPFLAGS += -DDEBUG

72 # needs work
73 SMOFF += all_func_returns

75 CSTD= $(CSTD_GNU99)

77 CFLAGS += $(CCVERBOSE)
78 CFLAGS64 += $(CCVERBOSE)

80 LDFLAGS += $(ZNOLAZYLOAD)
81 LDFLAGS += -R/usr/lib/smbfs
82 LDLIBS += -L$(ROOT)/usr/lib/smbfs
83 LDLIBS += -lsmbfs -lfksmbfs -lfknsmb
84 LDLIBS += -lsocket

86 ROOTSMBDDIR = $(ROOTLIB)/smbfs
87 ROOTSMBDFILE = $(PROG:%=$(ROOTSMBDDIR)/%)

89 .KEEP_STATE:

91 all: $(PROG)

93 $(PROG): $(OBJS)
94 $(LINK.c) -o $(PROG) $(OBJS) $(LDLIBS)
95 $(POST_PROCESS)

97 clean:
98 -$(RM) $(OBJS)

100 # lots of lint due to mixing kernel+user stuff. give up.
101 lint: # lint_SRCS

103 include ../../../Makefile.targ

105 install: all $(ROOTSMBDFILE)

107 $(ROOTSMBDDIR)/%: %
108 $(INS.file)
```

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2607 Thu Apr 4 13:55:28 2019
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new/usr/src/lib/smbclnt/libfksmb/Makefile.com
```

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10685 SMB code needs smatch fixes
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*****
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28 #
```

```
30 LIBRARY = libfksmb.a
31 VERS = .1
```

```
33 OBJ_LOCAL = \
34 fksmb_sign_pkcs.o \
35 fake_ddi.o \
36 fake_fio.o \
37 fake_kmem.o \
38 fake_ktli.o \
39 fake_pkey.o \
40 fake_policy.o \
41 fake_sdt.o \
42 fake_softc.o \
43 fake_stream.o \
44 fake_strsubr.o
```

```
46 # See also: $SRC/uts/common/Makefile.files
47 # NB: Intentionally omitted, compared w/ the above:
48 # smb_dev.o smb_pass.o smb_sign_kcf.o
```

```
49 #
50 OBJ_NSMB = \
51 smb_dev.o \
52 smb_conn.o \
53 smb_iod.o \
54 smb_rq.o \
55 smb_sign.o \
56 smb_smb.o \
57 smb_subrs.o \
58 smb_time.o \
59 smb_tran.o \
60 smb_trantcp.o \
61 smb_usr.o \
```

```
62 smb2_rq.o \
63 smb2_sign.o \
64 smb2_smb.o \
65 subr_mchain.o
```

```
67 OBJECTS = \
68 $(OBJ_LOCAL) \
69 $(OBJ_NSMB)
```

```
71 include ../../Makefile.lib
72 include ../../Makefile.lib
```

```
74 # Force SOURCEDEBUG
75 CSOURCEDEBUGFLAGS = -g
76 CCSOURCEDEBUGFLAGS = -g
77 STRIP_STABS = :
```

```
79 # Note: need our sys includes _before_ ENVCPPFLAGS, proto etc.
80 # Also, like Makefile.uts, reset CPPFLAGS
81 CPPFLAGS.first += -I../../libfakekernel/common
82 CPPFLAGS.first += -I../common
83 CPPFLAGS= $(CPPFLAGS.first)
```

```
85 INCS += -I$(SRC)/uts/common/fs/smbclnt
86 INCS += -I$(SRC)/uts/common
```

```
88 CPPFLAGS += $(INCS) -D_REENTRANT -D_FAKE_KERNEL
89 CPPFLAGS += -D_FILE_OFFSET_BITS=64
90 # Always want DEBUG here
91 CPPFLAGS += -DDEBUG
```

```
93 CERRWARN += -_gcc=-Wno-switch
```

```
95 # needs work
96 SMOFF += all_func_returns,deref_check,signed
```

```
98 LDLIBS += $(MACH_LDLIBS)
99 LDLIBS += -lfakekernel -lpkcs11 -lnsl -lc
```

```
101 NSMB_DIR=$(SRC)/uts/common/fs/smbclnt/netsmb
102 SRCS= $(OBJ_LOCAL:%.o=$(SRCDIR)/%.c) \
103 $(OBJ_NSMB:%.o=$(NSMB_DIR)/%.c)
```

```
105 all:
```

```
107 pics%.o: $(NSMB_DIR)/%.c
108 $(COMPILE.c) -o $@ $<
109 $(POST_PROCESS_O)
```

```
111 .KEEP_STATE:
```

```
113 include ../../Makefile.targ
114 include ../../Makefile.targ
```

new/usr/src/lib/smbclnt/libfksmbfs/Makefile.com

1

```
*****
3325 Thu Apr  4 13:55:28 2019
new/usr/src/lib/smbclnt/libfksmbfs/Makefile.com
10685 SMB code needs smatch fixes
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28 #

30 LIBRARY =      libfksmbfs.a
31 VERS =        .1

33 OBJ_LOCAL = \
34     fksmbfs_rwlock.o \
35     fake_fssub.o \
36     fake_getdents.o \
37     fake_lookup.o \
38     fake_misc.o \
39     fake_modconf.o \
40     fake_nbmlck.o \
41     fake_open.o \
42     fake_rename.o \
43     fake_rw.o \
44     fake_stat.o \
45     fake_unlink.o \
46     fake_vfs.o \
47     fake_vnode.o \
48     fake_zone.o

50 # See also: $SRC/uts/common/Makefile.files
51 # NB: Intentionally omitted, compared w/ the above:
52 #   smbfs_rwlock.o
53 #
54 OBJ_FS_SMBFS = \
55     smbfs_vfsops.o \
56     smbfs_vnops.o \
57     smbfs_client.o \
58     smbfs_node.o \
59     smbfs_smb.o \
60     smbfs_smb1.o \
61     smbfs_smb2.o \
```

new/usr/src/lib/smbclnt/libfksmbfs/Makefile.com

2

```
62     smbfs_subr.o \
63     smbfs_subr2.o \
64     smbfs_acl.o \
65     smbfs_xattr.o

67 OBJ_CMN_SMBFS = \
68     smbfs_ntacl.o

70 OBJ_MISC = \
71     acl_common.o \
72     pathname.o \
73     refstr.o

75 OBJECTS = \
76     $(OBJ_LOCAL) \
77     $(OBJ_FS_SMBFS) \
78     $(OBJ_CMN_SMBFS) \
79     $(OBJ_MISC)

81 include ../../Makefile.lib
82 include ../../Makefile.lib

84 # Force SOURCEDEBUG
85 CSOURCEDEBUGFLAGS = -g
86 CCSOURCEDEBUGFLAGS = -g
87 STRIP_STABS = :

89 # Note: need our sys includes _before_ ENVCPPFLAGS, proto etc.
90 # Also, like Makefile.uts, reset CPPFLAGS
91 CPPFLAGS.first += -I../../libfakekernel/common
92 CPPFLAGS.first += -I../../libfksmb/common
93 CPPFLAGS.first += -I./common
94 CPPFLAGS= $(CPPFLAGS.first)

96 INCS += -I$(SRC)/uts/common/fs/smbclnt
97 INCS += -I$(SRC)/uts/common
98 INCS += -I$(SRC)/common/smbclnt
99 INCS += -I$(SRC)/common

101 CPPFLAGS += $(INCS) -D_REENTRANT -D_FAKE_KERNEL
102 CPPFLAGS += -D_FILE_OFFSET_BITS=64
103 # Always want DEBUG here
104 CPPFLAGS += -DDEBUG

106 CERRWARN += -_gcc=-Wno-switch
107 CERRWARN += -_gcc=-Wno-parentheses

109 # needs work
110 SMOFF += all_func_returns,deref_check,signed,or_vs_and

112 LDLIBS += $(MACH_LDLIBS)
113 LDLIBS += -lfksmb -lfakekernel -lidmap -lcmdutils -lavl -lc

115 FS_SMBFS_DIR=$(SRC)/uts/common/fs/smbclnt/smbfs
116 CMN_SMBFS_DIR=$(SRC)/common/smbclnt
117 SRCS= $(OBJ_LOCAL:.o=$(SRCDIR)/%.c) \
118     $(OBJ_FS_SMBFS:.o=$(FS_SMBFS_DIR)/%.c) \
119     $(OBJ_CMN_SMBFS:.o=$(CMN_SMBFS_DIR)/%.c)

121 all:

123 pics/%.o: $(FS_SMBFS_DIR)/%.c
124     $(COMPILE.c) -o $@ $<
125     $(POST_PROCESS_O)

127 # pathname.o
```

new/usr/src/lib/smbclnt/libfksmbfs/Makefile.com

3

```
128 pics/%.o:          $(SRC)/uts/common/fs/%.c
129     $(COMPILE.c) -o $@ $<
130     $(POST_PROCESS_O)

132 # refstr.o
133 pics/%.o:          $(SRC)/uts/common/os/%.c
134     $(COMPILE.c) -o $@ $<
135     $(POST_PROCESS_O)

137 pics/acl_common.o:      $(SRC)/common/acl/acl_common.c
138     $(COMPILE.c) -o $@ $(SRC)/common/acl/acl_common.c
139     $(POST_PROCESS_O)

141 .KEEP_STATE:

143 include ../../Makefile.targ
144 include ../../../../Makefile.targ
```