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*****
17051 Wed Feb 20 13:14:38 2013
new/usr/src/man/man1m/Makefile
815 Need ipadm(1M) manual page
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*****
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11 #
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15 #
16 #
17 include ../../Makefile.master
18 #
19 MANSECT =      1m
20 #
21 COMMON_MANFILES =      6to4relay.1m      \|
22                        Intro.1m          \|
23                        Uutry.1m          \|
24                        accept.1m         \|
25                        acct.1m           \|
26                        acctadm.1m        \|
27                        acctcms.1m        \|
28                        acctcon.1m        \|
29                        acctmerg.1m       \|
30                        acctprc.1m        \|
31                        acctsh.1m         \|
32                        adbggen.1m        \|
33                        add_allocatable.1m \|
34                        add_drv.1m        \|
35                        addbadsec.1m      \|
36                        arp.1m            \|
37                        atohexlabel.1m    \|
38                        audit.1m          \|
39                        audit_warn.1m     \|
40                        auditconfig.1m    \|
41                        auditd.1m         \|
42                        auditrecord.1m    \|
43                        auditreduce.1m    \|
44                        auditstat.1m      \|
45                        automount.1m      \|
46                        automountd.1m     \|
47                        autopush.1m       \|
48                        bart.1m           \|
49                        beadm.1m          \|
50                        boot.1m           \|
51                        bootadm.1m        \|
52                        bootconfchk.1m    \|
53                        busstat.1m        \|
54                        cachefs.1m        \|
55                        cachefslog.1m     \|
56                        cachefspack.1m    \|

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57                        cachefsstat.1m   \|
58                        cachefswssize.1m  \|
59                        captoinfo.1m      \|
60                        catman.1m         \|
61                        cfgadm.1m         \|
62                        cfgadm_ac.1m      \|
63                        cfgadm_cardbus.1m  \|
64                        cfgadm_fp.1m      \|
65                        cfgadm_ib.1m      \|
66                        cfgadm_pci.1m     \|
67                        cfgadm_sata.1m    \|
68                        cfgadm_sbd.1m     \|
69                        cfgadm_scsi.1m    \|
70                        cfgadm_sdcard.1m  \|
71                        cfgadm_sysctrl.1m \|
72                        cfgadm_usb.1m     \|
73                        cfsadmin.1m       \|
74                        chat.1m           \|
75                        check-hostname.1m \|
76                        check-permissions.1m \|
77                        chroot.1m         \|
78                        clear_locks.1m    \|
79                        clinfo.1m         \|
80                        clri.1m           \|
81                        consadm.1m        \|
82                        conv_lp.1m        \|
83                        conv_lpd.1m       \|
84                        coreadm.1m        \|
85                        cpustat.1m        \|
86                        cron.1m           \|
87                        cryptoadm.1m      \|
88                        datadm.1m         \|
89                        dd.1m             \|
90                        devattr.1m        \|
91                        devfree.1m        \|
92                        devfsadm.1m       \|
93                        device_remap.1m   \|
94                        devinfo.1m        \|
95                        devlinks.1m       \|
96                        devnm.1m          \|
97                        devprop.1m        \|
98                        devreserv.1m      \|
99                        df.1m             \|
100                       df_ufs.1m        \|
101                       dfmounts.1m       \|
102                       dfmounts_nfs.1m   \|
103                       dfshares.1m       \|
104                       dfshares_nfs.1m   \|
105                       dhcpagent.1m      \|
106                       dhcpconfig.1m     \|
107                       dhcpcmgr.1m       \|
108                       dhtadm.1m         \|
109                       disks.1m          \|
110                       diskscan.1m       \|
111                       dispadmin.1m      \|
112                       dladm.1m          \|
113                       dlmgmt.1m         \|
114                       dmesg.1m          \|
115                       dminfo.1m         \|
116                       dns-sd.1m         \|
117                       domainname.1m    \|
118                       drvconfig.1m      \|
119                       dsbitmap.1m       \|
120                       dscfg.1m          \|
121                       dscfgadm.1m       \|
122                       dscfglockd.1m     \|

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123 dsstat.lm //
124 dsvclockd.lm //
125 dtrace.lm //
126 dumpadm.lm //
127 editmap.lm //
128 edquota.lm //
129 eeprom.lm //
130 embedded_su.lm //
131 etrn.lm //
132 fcinfo.lm //
133 fdetach.lm //
134 fdisk.lm //
135 ff.lm //
136 ff_ufs.lm //
137 fiocompress.lm //
138 flowadm.lm //
139 fmadm.lm //
140 fmd.lm //
141 fmdump.lm //
142 fmstat.lm //
143 fmthard.lm //
144 format.lm //
145 fruadm.lm //
146 fsck.lm //
147 fsck_cacheufs.lm //
148 fsck_pcfs.lm //
149 fsck_udfs.lm //
150 fsck_ufs.lm //
151 fsdb.lm //
152 fsdb_udfs.lm //
153 fsdb_ufs.lm //
154 fsirand.lm //
155 fssnap.lm //
156 fssnap_ufs.lm //
157 fsstat.lm //
158 fstyp.lm //
159 ftpaddhost.lm //
160 ftpconfig.lm //
161 ftprestart.lm //
162 ftpshut.lm //
163 fuser.lm //
164 fwflash.lm //
165 fwtmp.lm //
166 getdev.lm //
167 getdevpolicy.lm //
168 getdgrp.lm //
169 getent.lm //
170 gettable.lm //
171 getty.lm //
172 getvol.lm //
173 groupadd.lm //
174 groupdel.lm //
175 groupmod.lm //
176 growfs.lm //
177 gsscred.lm //
178 gssd.lm //
179 hal-device.lm //
180 hal-fdi-validate.lm //
181 hal-find.lm //
182 hal-get-property.lm //
183 hald.lm //
184 halt.lm //
185 hextoalabel.lm //
186 hostconfig.lm //
187 htable.lm //
188 ickey.lm //

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189 id.lm //
190 idmap.lm //
191 idmapd.lm //
192 idsconfig.lm //
193 if_mpadm.lm //
194 ifconfig.lm //
195 ifparse.lm //
196 iiadm.lm //
197 iicpbmp.lm //
198 iicpsd.lm //
199 ikeadm.lm //
200 ikecert.lm //
201 in.chargend.lm //
202 in.comsat.lm //
203 in.daytimed.lm //
204 in.dhcpd.lm //
205 in.discardd.lm //
206 in.echod.lm //
207 in.fingerd.lm //
208 in.ftpd.lm //
209 in.iked.lm //
210 in.lpd.lm //
211 in.mpathd.lm //
212 in.ndpd.lm //
213 in.rarpd.lm //
214 in.rdisc.lm //
215 in.rexecd.lm //
216 in.ripngd.lm //
217 in.rlogind.lm //
218 in.routed.lm //
219 in.rshd.lm //
220 in.rwhod.lm //
221 in.talkd.lm //
222 in.telnetd.lm //
223 in.tftpd.lm //
224 in.timed.lm //
225 in.uucpd.lm //
226 inetadm.lm //
227 inetconv.lm //
228 inetd.lm //
229 infocmp.lm //
230 init.lm //
231 inityp21.lm //
232 install.lm //
233 installf.lm //
234 installgrub.lm //
235 intrd.lm //
236 intrstat.lm //
237 iostat.lm //
238 ipaddrsel.lm //
239 ipadm.lm //
240 ipf.lm //
241 ipfs.lm //
242 ipfstat.lm //
243 ipmon.lm //
244 ipmpstat.lm //
245 ipnat.lm //
246 ippool.lm //
247 ipqosconf.lm //
248 ipsecalgs.lm //
249 ipsecconf.lm //
250 ipseckey.lm //
251 iscsiadm.lm //
252 isns.lm //
253 isnsadm.lm //
254 itadm.lm //

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255 k5srvutil.1m //
256 kadb.1m //
257 kadmin.1m //
258 kadmind.1m //
259 kclient.1m //
260 kdb5_ldap_util.1m //
261 kdb5_util.1m //
262 kdcmgr.1m //
263 kernel.1m //
264 keyserv.1m //
265 killall.1m //
266 kprop.1m //
267 kpropd.1m //
268 kproplog.1m //
269 krb5kdc.1m //
270 ksslcfg.1m //
271 kstat.1m //
272 ktk_t_warnd.1m //
273 labelit.1m //
274 labelit_hsf.1m //
275 labelit_udfs.1m //
276 labelit_ufs.1m //
277 latencytop.1m //
278 ldap_cachemgr.1m //
279 ldapd.1m //
280 ldapclient.1m //
281 link.1m //
282 listdgrp.1m //
283 listen.1m //
284 locator.1m //
285 lockfs.1m //
286 lockstat.1m //
287 lofiadm.1m //
288 logadm.1m //
289 logins.1m //
290 lpadmin.1m //
291 lpfilter.1m //
292 lpforms.1m //
293 lpget.1m //
294 lpmove.1m //
295 lpsched.1m //
296 lpset.1m //
297 lpshut.1m //
298 lpssystem.1m //
299 lpusers.1m //
300 luxadm.1m //
301 mail.local.1m //
302 makedbm.1m //
303 makemap.1m //
304 mdmonitor.1m //
305 medstat.1m //
306 metaaclear.1m //
307 metadb.1m //
308 metadevadm.1m //
309 metahs.1m //
310 metaimport.1m //
311 metainit.1m //
312 metaoffline.1m //
313 metaparam.1m //
314 metarecover.1m //
315 metarename.1m //
316 metareplace.1m //
317 metaroot.1m //
318 metaset.1m //
319 metassist.1m //
320 metastat.1m //

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321 metasync.1m //
322 metattach.1m //
323 mkdevalloc.1m //
324 mkdevmaps.1m //
325 mkfifo.1m //
326 mkfile.1m //
327 mkfs.1m //
328 mkfs_pcfs.1m //
329 mkfs_udfs.1m //
330 mkfs_ufs.1m //
331 mknod.1m //
332 mkpwdict.1m //
333 modinfo.1m //
334 modload.1m //
335 modunload.1m //
336 mount.1m //
337 mount_cachefs.1m //
338 mount_hsf.1m //
339 mount_nfs.1m //
340 mount_pcfs.1m //
341 mount_smbfs.1m //
342 mount_tmpfs.1m //
343 mount_udfs.1m //
344 mount_ufs.1m //
345 mountall.1m //
346 mouted.1m //
347 mpathadm.1m //
348 mpstat.1m //
349 msgid.1m //
350 mvdir.1m //
351 ncaconfd.1m //
352 ncheck.1m //
353 ncheck_ufs.1m //
354 ndd.1m //
355 ndmpadm.1m //
356 ndmpd.1m //
357 ndmpstat.1m //
358 netstat.1m //
359 netstrategy.1m //
360 newaliases.1m //
361 newfs.1m //
362 newkey.1m //
363 nfs4cbd.1m //
364 nfsd.1m //
365 nfslogd.1m //
366 nfsmapid.1m //
367 nfsstat.1m //
368 nlsadmin.1m //
369 nscadm.1m //
370 nscd.1m //
371 nwamd.1m //
372 passmgmt.1m //
373 pbind.1m //
374 picld.1m //
375 ping.1m //
376 pkgadd.1m //
377 pkgadm.1m //
378 pkgask.1m //
379 pkgchk.1m //
380 pkgrm.1m //
381 plockstat.1m //
382 pmadm.1m //
383 pmconfig.1m //
384 pntadm.1m //
385 polkit-is-privileged.1m //
386 pooladm.1m //

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387 poolbind.1m //
388 poolcfg.1m //
389 poold.1m //
390 poolstat.1m //
391 ports.1m //
392 powerd.1m //
393 powertop.1m //
394 pppmgr.1m //
395 pppd.1m //
396 pppdump.1m //
397 pppoe.1m //
398 pppoed.1m //
399 pppstats.1m //
400 praudit.1m //
401 print-service.1m //
402 printmgr.1m //
403 projadd.1m //
404 projdel.1m //
405 projmod.1m //
406 prstat.1m //
407 prtconf.1m //
408 prtdiag.1m //
409 prtfru.1m //
410 prtpicl.1m //
411 prtvtoc.1m //
412 psradm.1m //
413 psrinfo.1m //
414 psrset.1m //
415 putdev.1m //
416 putdgrp.1m //
417 pwck.1m //
418 pwconv.1m //
419 quot.1m //
420 quota.1m //
421 quotacheck.1m //
422 quotaon.1m //
423 raidctl.1m //
424 ramdiskadm.1m //
425 rcapadm.1m //
426 rcapd.1m //
427 rctladm.1m //
428 rdate.1m //
429 reboot.1m //
430 rem_drv.1m //
431 remove_allocatable.1m //
432 removef.1m //
433 repquota.1m //
434 rmmount.1m //
435 rmt.1m //
436 rmvolmgr.1m //
437 roleadd.1m //
438 roledel.1m //
439 rolemod.1m //
440 root_archive.1m //
441 route.1m //
442 routeadm.1m //
443 rpc.bootparamd.1m //
444 rpc.mdcommd.1m //
445 rpc.metad.1m //
446 rpc.metamedd.1m //
447 rpc.metamhd.1m //
448 rpc.rexd.1m //
449 rpc.rstatd.1m //
450 rpc.rusersd.1m //
451 rpc.rwalld.1m //
452 rpc.smserverd.1m //

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453 rpc.sprayd.1m //
454 rpc.yppasswdd.1m //
455 rpc.yppupdated.1m //
456 rpcbind.1m //
457 rpcinfo.1m //
458 rquotad.1m //
459 rsh.1m //
460 rtc.1m //
461 rtquery.1m //
462 runacct.1m //
463 rwall.1m //
464 sac.1m //
465 sacadm.1m //
466 saf.1m //
467 sar.1m //
468 sasinfo.1m //
469 savecore.1m //
470 sbdadm.1m //
471 scadm.1m //
472 scmadm.1m //
473 sdpadm.1m //
474 sendmail.1m //
475 setuname.1m //
476 sftp-server.1m //
477 share.1m //
478 share_nfs.1m //
479 shareall.1m //
480 sharectl.1m //
481 sharemgr.1m //
482 showmount.1m //
483 shutdown.1m //
484 slpd.1m //
485 smbadm.1m //
486 smbd.1m //
487 smbiod.1m //
488 smbios.1m //
489 smbstat.1m //
490 smrsh.1m //
491 smtnrhd.1m //
492 smtnrhtp.1m //
493 smtnzonecfg.1m //
494 sndradm.1m //
495 sndrd.1m //
496 sndrsyncd.1m //
497 snoop.1m //
498 soconfig.1m //
499 sppptun.1m //
500 spray.1m //
501 ssh-keysign.1m //
502 sshd.1m //
503 statd.1m //
504 stmfadm.1m //
505 stmsboot.1m //
506 strace.1m //
507 strclean.1m //
508 strerr.1m //
509 sttydefs.1m //
510 su.1m //
511 sulogin.1m //
512 svadm.1m //
513 svc.configd.1m //
514 svc.ipfd.1m //
515 svc.startd.1m //
516 svcadm.1m //
517 svccfg.1m //
518 swap.1m //

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519 sync.lm //
520 syncinit.lm //
521 syncloop.lm //
522 syncstat.lm //
523 sysdef.lm //
524 syseventadm.lm //
525 syseventconfd.lm //
526 syseventd.lm //
527 syslogd.lm //
528 tapes.lm //
529 tcpd.lm //
530 tcpdchk.lm //
531 tcpdmatch.lm //
532 th_define.lm //
533 th_manage.lm //
534 tic.lm //
535 tnchkdb.lm //
536 tnctl.lm //
537 tnd.lm //
538 tninfo.lm //
539 tpmadm.lm //
540 traceroute.lm //
541 trapstat.lm //
542 ttyadm.lm //
543 ttymon.lm //
544 tuneufs.lm //
545 txzomgr.lm //
546 tzselect.lm //
547 uadmin.lm //
548 ucodeadm.lm //
549 ufsdump.lm //
550 ufsrestore.lm //
551 unshare.lm //
552 unshare_nfs.lm //
553 update_drv.lm //
554 updatehome.lm //
555 useradd.lm //
556 userdel.lm //
557 usermod.lm //
558 utmpd.lm //
559 uucheck.lm //
560 uucico.lm //
561 uucleanup.lm //
562 uusched.lm //
563 uuxqt.lm //
564 vmstat.lm //
565 volcopy.lm //
566 volcopy_ufs.lm //
567 vscanadm.lm //
568 vscand.lm //
569 wall.lm //
570 wanboot_keygen.lm //
571 wanboot_keymgmt.lm //
572 wanboot_pl2split.lm //
573 wanbootutil.lm //
574 whodo.lm //
575 wificonfig.lm //
576 wpad.lm //
577 wracct.lm //
578 wusbadm.lm //
579 ypbind.lm //
580 ypinit.lm //
581 ypmake.lm //
582 ypmmap2src.lm //
583 yppoll.lm //
584 yppush.lm //

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585 ypserv.lm //
586 ypset.lm //
587 ypstart.lm //
588 ypxfr.lm //
589 zdb.lm //
590 zdump.lm //
591 zfs.lm //
592 zic.lm //
593 zoneadm.lm //
594 zoneadmd.lm //
595 zonecfg.lm //
596 zpool.lm //
597 zstreamdump.lm //

599 i386_MANFILES = lms.lm //
600 parted.lm //
601 mkntfs.lm //
602 ntfsctl.lm //
603 ntfsclone.lm //
604 ntfscluster.lm //
605 ntfscomp.lm //
606 ntfsdcp.lm //
607 ntfsfix.lm //
608 ntfsinfo.lm //
609 ntfslabel.lm //
610 ntfsls.lm //
611 ntfsprogs.lm //
612 ntfsresize.lm //
613 ntfsundelete.lm //

615 sparc_MANFILES = cvcd.lm //
616 dcs.lm //
617 drd.lm //
618 efdaemon.lm //
619 ldmadm.lm //
620 monitor.lm //
621 obpsym.lm //
622 oplhpd.lm //
623 prtsc.lm //
624 sckmd.lm //
625 sf880drd.lm //
626 vntsd.lm //

628 MANSOFILES = acctcon1.lm //
629 acctcon2.lm //
630 acctdisk.lm //
631 acctdusg.lm //
632 accton.lm //
633 acctprcl.lm //
634 acctprc2.lm //
635 acctwtmp.lm //
636 bootparamd.lm //
637 chargefee.lm //
638 ckpacct.lm //
639 closewtmp.lm //
640 comsat.lm //
641 dcopy.lm //
642 devfsadmd.lm //
643 dodisk.lm //
644 fccadm.lm //
645 fingerd.lm //
646 ftpd.lm //
647 grpck.lm //
648 hal-find-by-capability.lm //
649 hal-find-by-property.lm //
650 hal-set-property.lm //

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651      intro.lm                \/
652      kadmin.local.lm        \/
653      lastlogin.lm           \/
654      metadetach.lm          \/
655      metaonline.lm          \/
656      monacct.lm              \/
657      nulladm.lm              \/
658      poweroff.lm            \/
659      prctmp.lm               \/
660      prdaily.lm              \/
661      prtacct.lm              \/
662      quotaoff.lm            \/
663      rarpd.lm                \/
664      rdisc.lm                \/
665      reject.lm               \/
666      restricted_shell.lm     \/
667      rexd.lm                 \/
668      rexecd.lm               \/
669      rlogind.lm              \/
670      routed.lm               \/
671      rshd.lm                 \/
672      rstatd.lm               \/
673      rusersd.lm              \/
674      rwalld.lm               \/
675      rwhod.lm                \/
676      sa1.lm                  \/
677      sa2.lm                  \/
678      sadc.lm                 \/
679      shutacct.lm             \/
680      sprayd.lm               \/
681      startup.lm              \/
682      talkd.lm                \/
683      telinit.lm              \/
684      telnetd.lm              \/
685      tftpd.lm                \/
686      turnacct.lm            \/
687      umount.lm               \/
688      umount_smbfs.lm         \/
689      umountall.lm            \/
690      unlink.lm               \/
691      unshareall.lm           \/
692      utmp2wtmp.lm           \/
693      uucpd.lm                 \/
694      uutry.lm                 \/
695      wtmpfix.lm              \/
696      yppasswd.lm             \/
697      ypstop.lm               \/
698      yppupdated.lm           \/
699      ypxfr_1perday.lm        \/
700      ypxfr_1perhour.lm      \/
701      ypxfr_2perday.lm       \/
702      ypxfrd.lm                \/

704 MANFILES = $(COMMON_MANFILES) $( $(MACH)_MANFILES ) $(MANSOFILES)

706 intro.lm                := SOSRC = man1m/Intro.lm

708 uutry.lm                 := SOSRC = man1m/Uutry.lm

710 reject.lm                := SOSRC = man1m/accept.lm

712 acctdisk.lm              := SOSRC = man1m/acct.lm
713 acctdusg.lm              := SOSRC = man1m/acct.lm
714 accton.lm                 := SOSRC = man1m/acct.lm
715 acctwtmp.lm               := SOSRC = man1m/acct.lm
716 closewtmp.lm             := SOSRC = man1m/acct.lm

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717 utmp2wtmp.lm            := SOSRC = man1m/acct.lm

719 acctcon1.lm              := SOSRC = man1m/acctcon.lm
720 acctcon2.lm              := SOSRC = man1m/acctcon.lm

722 acctprc1.lm              := SOSRC = man1m/acctprc.lm
723 acctprc2.lm              := SOSRC = man1m/acctprc.lm

725 chargefee.lm             := SOSRC = man1m/acctsh.lm
726 ckpacct.lm               := SOSRC = man1m/acctsh.lm
727 dodisk.lm                 := SOSRC = man1m/acctsh.lm
728 lastlogin.lm             := SOSRC = man1m/acctsh.lm
729 monacct.lm                := SOSRC = man1m/acctsh.lm
730 nulladm.lm                := SOSRC = man1m/acctsh.lm
731 prctmp.lm                  := SOSRC = man1m/acctsh.lm
732 prdaily.lm                 := SOSRC = man1m/acctsh.lm
733 prtacct.lm                 := SOSRC = man1m/acctsh.lm
734 shutacct.lm               := SOSRC = man1m/acctsh.lm
735 startup.lm                 := SOSRC = man1m/acctsh.lm
736 turnacct.lm               := SOSRC = man1m/acctsh.lm

738 dcopy.lm                  := SOSRC = man1m/clri.lm

740 devfsadmd.lm              := SOSRC = man1m/devfsadmd.lm

742 fcadm.lm                  := SOSRC = man1m/fcinfo.lm

744 wtmpfix.lm                := SOSRC = man1m/fwtmp.lm

746 hal-find-by-capability.lm := SOSRC = man1m/hal-find.lm
747 hal-find-by-property.lm  := SOSRC = man1m/hal-find.lm

749 hal-set-property.lm      := SOSRC = man1m/hal-get-property.lm

751 poweroff.lm               := SOSRC = man1m/halt.lm

753 comsat.lm                 := SOSRC = man1m/in.comsat.lm
754 fingerd.lm                := SOSRC = man1m/in.fingerd.lm
755 ftpd.lm                    := SOSRC = man1m/in.ftpd.lm
756 rarpd.lm                   := SOSRC = man1m/in.rarpd.lm
757 rdisc.lm                   := SOSRC = man1m/in.rdisc.lm
758 rexecd.lm                  := SOSRC = man1m/in.rexecd.lm
759 rlogind.lm                 := SOSRC = man1m/in.rlogind.lm
760 routed.lm                   := SOSRC = man1m/in.routed.lm
761 rshd.lm                     := SOSRC = man1m/in.rshd.lm
762 rwhod.lm                    := SOSRC = man1m/in.rwhod.lm
763 talkd.lm                    := SOSRC = man1m/in.talkd.lm
764 telnetd.lm                 := SOSRC = man1m/in.telnetd.lm
765 tftpd.lm                    := SOSRC = man1m/in.tftpd.lm
766 uucpd.lm                    := SOSRC = man1m/in.uucpd.lm

768 telinit.lm                := SOSRC = man1m/init.lm

770 kadmin.local.lm           := SOSRC = man1m/kadmin.lm

772 unlink.lm                  := SOSRC = man1m/link.lm

774 metaonline.lm             := SOSRC = man1m/metaoffline.lm

776 metadetach.lm            := SOSRC = man1m/metattach.lm

778 umount.lm                  := SOSRC = man1m/mount.lm

780 umount_smbfs.lm           := SOSRC = man1m/mount_smbfs.lm

782 umountall.lm              := SOSRC = man1m/mountall.lm

```

```
784 grpck.lm           := SOSRC = man1m/pwck.lm
786 quotaoff.lm       := SOSRC = man1m/quotaon.lm
788 bootparamd.lm     := SOSRC = man1m/rpc.bootparamd.lm
789 rexd.lm            := SOSRC = man1m/rpc.rexd.lm
790 rstatd.lm          := SOSRC = man1m/rpc.rstatd.lm
791 rusersd.lm         := SOSRC = man1m/rpc.rusersd.lm
792 rwallld.lm         := SOSRC = man1m/rpc.rwallld.lm
793 sprayd.lm          := SOSRC = man1m/rpc.sprayd.lm
794 yppasswdd.lm       := SOSRC = man1m/rpc.yppasswdd.lm
795 yppupdated.lm      := SOSRC = man1m/rpc.yppupdated.lm

797 restricted_shell.lm := SOSRC = man1m/rsh.lm

799 sa1.lm             := SOSRC = man1m/sar.lm
800 sa2.lm             := SOSRC = man1m/sar.lm
801 sadc.lm            := SOSRC = man1m/sar.lm

803 unshareall.lm     := SOSRC = man1m/shareall.lm

805 ypxfrd.lm          := SOSRC = man1m/ypserv.lm

807 ypstop.lm         := SOSRC = man1m/ypstart.lm

809 ypxfr_1perday.lm   := SOSRC = man1m/ypxfr.lm
810 ypxfr_1perhour.lm := SOSRC = man1m/ypxfr.lm
811 ypxfr_2perday.lm  := SOSRC = man1m/ypxfr.lm

814 .KEEP_STATE:
816 include ../Makefile.man
818 install: $(ROOTMANFILES)
```

21828 Wed Feb 20 13:14:39 2013

new/usr/src/man/man1m/ipadm.1m

815 Need ipadm(1M) manual page

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```

1  '\" te
2  .\" Copyright (c) 2012, Joyent, Inc. All Rights Reserved
3  .\" The contents of this file are subject to the terms of the Common Development
4  .\" You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE or http:
5  .\" When distributing Covered Code, include this CDDL HEADER in each file and in
6  .TH IPADM 1M \"May 14, 2012\"
7  .SH NAME
8  ipadm \- configure IP network interfaces and protocol properties.
9  .SH SYNOPSIS
10 .LP
11 .nf
12 \fBipadm\fR create-if [\fB-t\fR] \fIinterface\fR
13 .fi
14
15 .LP
16 .nf
17 \fBipadm\fR disable-if \fB-t\fR \fIinterface\fR
18 .fi
19
20 .LP
21 .nf
22 \fBipadm\fR enable-if \fB-t\fR \fIinterface\fR
23 .fi
24
25 .LP
26 .nf
27 \fBipadm\fR delete-if \fIinterface\fR
28 .fi
29
30 .LP
31 .nf
32 \fBipadm\fR show-if [[\fB-p\fR] \fB-o\fR \fIfield\fR[,...]] [\fIinterface\fR]
33 .fi
34
35 .LP
36 .nf
37 \fBipadm\fR set-ifprop [\fB-t\fR] \fB-p\fR \fIprop\fR=<\fIvalue\fR[,...]> \fB-m\fR
38 .fi
39
40 .LP
41 .nf
42 \fBipadm\fR reset-ifprop [\fB-t\fR] \fB-p\fR \fIprop\fR \fB-m\fR \fIprotocol\fR
43 .fi
44
45 .LP
46 .nf
47 \fBipadm\fR show-ifprop [[\fB-c\fR] \fB-o\fR \fIfield\fR[,...]] [\fB-p\fR \fIprop
48 [\fIinterface\fR]
49 .fi
50
51 .LP
52 .nf
53 \fBipadm\fR create-addr [\fB-t\fR] \fB-T\fR static [\fB-d\fR]
54 \fB-a\fR {local|remote}=\fIaddr\fR[\fIprefixlen\fR],... \fIaddrobj\fR
55 .fi

```

```

57 .LP
58 .nf
59 \fBipadm\fR create-addr [\fB-t\fR] \fB-T\fR dhcp [\fB-w\fR \fIseconds\fR | forev
60 .fi
61
62 .LP
63 .nf
64 \fBipadm\fR create-addr [\fB-t\fR] \fB-T\fR addrconf [\fB-i\fR \fIinterface-id\f
65 [\fB-p\fR {stateful|stateless}={yes|no},...] \fIaddrobj\fR
66 .fi
67
68 .LP
69 .nf
70 \fBipadm\fR down-addr [\fB-t\fR] \fIaddrobj\fR
71 .fi
72
73 .LP
74 .nf
75 \fBipadm\fR up-addr [\fB-t\fR] \fIaddrobj\fR
76 .fi
77
78 .LP
79 .nf
80 \fBipadm\fR disable-addr \fB-t\fR \fIaddrobj\fR
81 .fi
82
83 .LP
84 .nf
85 \fBipadm\fR enable-addr \fB-t\fR \fIaddrobj\fR
86 .fi
87
88 .LP
89 .nf
90 \fBipadm\fR refresh-addr [\fB-i\fR] \fIaddrobj\fR
91 .fi
92
93 .LP
94 .nf
95 \fBipadm\fR delete-addr [\fB-r\fR] \fIaddrobj\fR
96 .fi
97
98 .LP
99 .nf
100 \fBipadm\fR show-addr [[\fB-p\fR] \fB-o\fR \fIfield\fR[,...]] [\fIaddrobj\fR]
101 .fi
102
103 .LP
104 .nf
105 \fBipadm\fR set-addrprop [\fB-t\fR] \fB-p\fR \fIprop\fR=<\fIvalue\fR[,...]> \fIa
106 .fi
107
108 .LP
109 .nf
110 \fBipadm\fR reset-addrprop [\fB-t\fR] \fB-p\fR \fIprop\fR=<\fIvalue\fR[,...]> \f
111 .fi
112
113 .LP
114 .nf
115 \fBipadm\fR show-addrprop [[\fB-c\fR] \fB-o\fR \fIfield\fR[,...]] [\fB-p\fR \fIp
116 .fi
117
118 .LP
119 .nf
120 \fBipadm\fR set-prop [\fB-t\fR] \fB-p\fR \fIprop\fR[+|=<\fIvalue\fR[,...]> \fI
121 .fi

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123 .LP
124 .nf
125 \fBipadm\fR reset-prop [\fB-t\fR] \fB-p\fR \fIprop\fR \fIprotocol\fR
126 .fi

128 .LP
129 .nf
130 \fBipadm\fR show-prop [[\fB-c\fR] \fB-o\fR \fIfield\fR[,...]] [\fB-p\fR \fIprop\
131 .fi

133 .SH DESCRIPTION
134 .sp
135 .LP

137 The \fBipadm\fR command is a stable replacement for the \fBifconfig\fR(1M) and
138 \fBndd\fR(1M) commands. It is used to create IP interfaces and to configure IP
139 addresses on those interfaces. It is also used to get, set or reset properties
140 on interfaces, addresses and protocols.
141 .LP
142 For subcommands that take an \fIaddrobj\fR, the \fIaddrobj\fR specifies a
143 unique address on the system. It is made up of two parts, delimited by a '/'.
144 The first part is the name of the interface and the second part is a string up
145 to 32 characters long. For example, "lo0/v4" is a loopback interface
146 addrobj name.
147 .LP
148 For subcommands that take a \fIprotocol\fR, this can be one of
149 the following values: ip, ipv4, ipv6, icmp, tcp, sctp or udp.

151 .SH SUBCOMMANDS
152 .sp
153 .LP
154 The following subcommands are supported:
155 .sp
156 .ne 2
157 .na
158 \fBifbcreate-if\fR [\fB-t\fR] \fIinterface\fR\fR
159 .ad
160 .sp .6
161 .RS 4n
162 The \fBifbcreate-if\fR subcommand is used to create an IP interface that will
163 handle both IPv4 and IPv6 packets. The interface will be enabled as part of
164 the creation process. The IPv4 interface will have the address 0.0.0.0.
165 The IPv6 interface will have the address ::.
166 .sp
167 The \fB-t\fR option (also \fB--temporary\fR) means
168 that the creation is temporary and will not be persistent across reboots.
169 .sp

171 .RE

173 .sp
174 .ne 2
175 .na
176 \fBifbdisable-if\fR \fB-t\fR \fIinterface\fR\fR
177 .ad
178 .sp .6
179 .RS 4n
180 The \fBifbdisable-if\fR subcommand is used to disable an IP interface.
181 .sp
182 The \fB-t\fR option (also \fB--temporary\fR) means
183 that the disable is temporary and will not be persistent across reboots.
184 .sp

186 .RE

188 .sp

```

```

189 .ne 2
190 .na
191 \fBifbenable-if\fR \fB-t\fR \fIinterface\fR\fR
192 .ad
193 .sp .6
194 .RS 4n
195 The \fBifbenable-if\fR subcommand is used to enable an IP interface.
196 .sp
197 The \fB-t\fR option (also \fB--temporary\fR) means
198 that the enable is temporary and will not be persistent across reboots.
199 .sp

201 .RE

203 .sp
204 .ne 2
205 .na
206 \fBifbdelete-if\fR \fIinterface\fR\fR
207 .ad
208 .sp .6
209 .RS 4n
210 The \fBifbdelete-if\fR subcommand is used to permanently delete an IP interface.
211 .sp

213 .RE

215 .sp
216 .ne 2
217 .na
218 \fBifbshow-if\fR [[\fB-p\fR] \fB-o\fR \fIfield\fR[,...]] [\fIinterface\fR]\fR
219 .ad
220 .sp .6
221 .RS 4n
222 The \fBifbshow-if\fR subcommand is used to show the current IP interface
223 configuration.
224 .sp
225 The \fB-p\fR option (also \fB--parsable\fR) prints
226 the output in a parsable format.
227 .sp
228 The \fB-o\fR option (also \fB--output\fR) is used
229 to select which fields will be shown. The field value can be one of the
230 following names:
231 .sp
232 .ne 2
233 .na
234 .RS 4n
235 \fBifball\fR
236 .ad
237 .RS 4n
238 Display all fields
239 .RE

241 .sp
242 .ne 2
243 .na
244 \fBifbifname\fR
245 .ad
246 .RS 4n
247 The name of the interface
248 .RE

250 .sp
251 .ne 2
252 .na
253 \fBifbstate\fR
254 .ad

```

```

255 .RS 4n
256 The state can be one of the following values:
257 .sp
258 .ne 2
259 .na
260 .RS 4n
261 ok - resources for the interface have been allocated
262 .sp
263 offline - the interface is offline
264 .sp
265 failed - the interface's datalink is down
266 .sp
267 down - the interface is down
268 .sp
269 disabled - the interface is disabled
270 .RE
271 .RE

273 .sp
274 .ne 2
275 .na
276 \fBCURRENT\fR
277 .ad
278 .RS 4n
279 A set of single character flags indicating the following:
280 .sp
281 .ne 2
282 .na
283 .RS 4n
284 b - broadcast (mutually exclusive with 'p')
285 .br
286 m - multicast
287 .br
288 p - point-to-point (mutually exclusive with 'b')
289 .br
290 v - virtual interface
291 .br
292 I - IPMP
293 .br
294 s - IPMP standby
295 .br
296 i - IPMP inactive
297 .br
298 V - VRRP
299 .br
300 a - VRRP accept mode
301 .br
302 4 - IPv4
303 .br
304 6 - IPv6
305 .RE
306 .RE

308 .sp
309 .ne 2
310 .na
311 \fBPERSISTENT\fR
312 .ad
313 .RS 4n
314 A set of single character flags showing what configuration will be used the
315 next time the interface is enabled:
316 .sp
317 .ne 2
318 .na
319 .RS 4n
320 s - IPMP standby

```

```

321 .br
322 4 - IPv4
323 .br
324 6 - IPv6
325 .RE
326 .RE
327 .RE

329 .RE

331 .sp
332 .ne 2
333 .na
334 \fB\fBset-ifprop\fR [\fB-t\fR] \fB-p\fR \fIprop\fR=<\fIvalue\fR[,...]> \fB-m\fR
335 .ad
336 .sp .6
337 .RS 4n
338 The \fBset-ifprop\fR subcommand is used to set a property's value(s) on the IP
339 interface.
340 .sp
341 The \fB-t\fR option (also \fB--temporary\fR) means
342 that the setting is temporary and will not be persistent across reboots.
343 .sp
344 The \fB-p\fR option (also \fB--prop\fR) specifies the property name and
345 value(s). The property name can be one of the following:
346 .sp
347 .ne 2
348 .na

350 .RS 4n

352 \fBarp\fR
353 .ad
354 .RS 4n
355 Enables ("on") or disables ("off") ARP.
356 .RE

358 .sp
359 .ne 2
360 .na
361 \fBexchange_routes\fR
362 .ad
363 .RS 4n
364 Enables ("on") or disables ("off") the exchange of routing data.
365 .RE

367 .sp
368 .ne 2
369 .na
370 \fBforwarding\fR
371 .ad
372 .RS 4n
373 Enables ("on") or disables ("off") IP forwarding.
374 .RE

376 .sp
377 .ne 2
378 .na
379 \fBmetric\fR
380 .ad
381 .RS 4n
382 Set the routing metric to the numeric value. The value is treated as extra
383 hops to the destination.
384 .RE

386 .sp

```

```

387 .ne 2
388 .na
389 \fBmtu\fR
390 .ad
391 .RS 4n
392 Set the maximum transmission unit to the numeric value.
393 .RE

395 .sp
396 .ne 2
397 .na
398 \fBnud\fR
399 .ad
400 .RS 4n
401 Enables ("on") or disables ("off") neighbor unreachability detection.
402 .RE

404 .sp
405 .ne 2
406 .na
407 \fBusesrc\fR
408 .ad
409 .RS 4n
410 Indicates which interface to use for source address selection. A value
411 "none" may also be used.
412 .RE
413 .RE

415 .sp
416 The \fB-m\fR option (also \fB--module\fR) specifies which protocol
417 the setting applies to.
418 .sp

420 .RE
421 .RE

423 .sp
424 .ne 2
425 .na
426 \fB\breset-ifprop\fR [\fB-t\fR] \fB-p\fR \fIprop\fR \fB-m\fR \fIprotocol\fR \fI
427 .ad
428 .sp .6
429 .RS 4n
430 The \fBreset-ifprop\fR subcommand is used to reset an IP interface's property
431 value to the default.
432 .sp
433 The \fB-t\fR option (also \fB--temporary\fR) means
434 that the disable is temporary and will not be persistent across reboots.
435 .sp
436 The \fB-p\fR option (also \fB--prop\fR) specifies the property name.
437 See the \fBset-ifprop\fR subcommand for the list of property names.
438 .sp
439 The \fB-m\fR option (also \fB--module\fR) specifies which protocol
440 the setting applies to.
441 .sp

443 .RE

445 .sp
446 .ne 2
447 .na
448 \fB\fbshow-ifprop\fR [[\fB-c\fR]\fB-o\fR \fIfield\fR[,...]] [\fB-p\fR \fIprop\fR
449 [\fIinterface\fR]\fR
450 .ad
451 .sp .6
452 .RS 4n

```

```

453 The \fBshow-ifprop\fR subcommand is used to display the property values
454 for one or all of the IP interfaces.
455 .sp
456 The \fB-c\fR option (also \fB--parsable\fR) prints
457 the output in a parsable format.
458 .sp
459 The \fB-o\fR option (also \fB--output\fR) is used
460 to select which fields will be shown. The field value can be one of the
461 following names:
462 .sp
463 .ne 2
464 .na
465 .RS 4n
466 \fBALL\fR
467 .ad
468 .RS 4n
469 Display all fields
470 .RE

472 .sp
473 .ne 2
474 .na
475 \fBIFNAME\fR
476 .ad
477 .RS 4n
478 The name of the interface
479 .RE

481 .sp
482 .ne 2
483 .na
484 \fBPROPERTY\fR
485 .ad
486 .RS 4n
487 The name of the property
488 .RE

490 .sp
491 .ne 2
492 .na
493 \fBPROTO\fR
494 .ad
495 .RS 4n
496 The name of the protocol
497 .RE

499 .sp
500 .ne 2
501 .na
502 \fBPERM\fR
503 .ad
504 .RS 4n
505 If the property is readable ("r") and/or writable ("w").
506 .RE

508 .sp
509 .ne 2
510 .na
511 \fBCURRENT\fR
512 .ad
513 .RS 4n
514 The value of the property
515 .RE

517 .sp
518 .ne 2

```

```

519 .na
520 \fBPERSISTENT\fR
521 .ad
522 .RS 4n
523 The persistent value of the property
524 .RE

526 .sp
527 .ne 2
528 .na
529 \fBDEFAULT\fR
530 .ad
531 .RS 4n
532 The default value of the property
533 .RE

535 .sp
536 .ne 2
537 .na
538 \fBPOSSIBLE\fR
539 .ad
540 .RS 4n
541 The possible values for the property
542 .RE
543 .RE

545 .sp
546 The \fB-p\fR option (also \fB--prop\fR) is used
547 to specify which properties to display. See the \fBset-ifprop\fR
548 subcommand for the list of property names.
549 .sp
550 The \fB-m\fR option (also \fB--module\fR) specifies which protocol
551 to display.
552 .sp

554 .RE

556 .sp
557 .ne 2
558 .na
559 \fB\fBcreate-addr\fR [\fB-t\fR] \fB-T\fR static [\fB-d\fR] \\  

560 \fB-a\fR {local|remote}=\fIaddr\fR[\fIprefixlen\fR],... \fIaddrobj\fR\fR
561 .br
562 \fB\fBcreate-addr\fR [\fB-t\fR] \fB-T\fR dhcp [\fB-w\fR \fIseconds\fR | forever
563 .br
564 \fB\fBcreate-addr\fR [\fB-t\fR] \fB-T\fR addrconf [\fB-i\fR \fIinterface-id\fR]
565 [\fB-p\fR {stateful|stateless}={yes|no},...] \fIaddrobj\fR\fR
566 .ad
567 .sp .6
568 .RS 4n
569 The \fBcreate-addr\fR subcommand is used to set an address on an IP interface.
570 The address will be enabled but can be disabled using the \fBdisable-addr\fR
571 subcommand. This subcommand has three different forms, depending on the
572 value of the \fB-T\fR option.
573 .sp
574 The \fB-t\fR option (also \fB--temporary\fR) means
575 that the address is temporary and will not be persistent across reboots.
576 .sp
577 The \fB-T\fR static option creates a static addrobj. This takes the following
578 options:
579 .RS 4n

581 The \fB-d\fR option (also \fB--down\fR) means the address is down.
582 .sp
583 The \fB-a\fR option (also \fB--address\fR) specifies the address.
584 The "local" or "remote" prefix can be used for a point-to-point interface.

```

```

585 In this case, both addresses must be given.
586 Otherwise, the equal sign ("=") should be omitted and the address should be
587 provided by itself and with no second address.
588 .sp

590 .RE

592 The \fB-T\fR dhcp option causes the address to be obtained via DHCP.
593 This takes the following options:
594 .RS 4n

596 The \fB-w\fR option (also \fB--wait\fR) gives the time, in seconds,
597 that the command should wait to obtain an address.
598 .sp

600 .RE

602 The \fB-T\fR addrconf option creates an auto-configured address.
603 This takes the following options:
604 .RS 4n

606 The \fB-i\fR option (also \fB--interface-id\fR) gives the interface ID to
607 be used.
608 .sp
609 The \fB-p\fR option (also \fB--prop\fR) indicates which method of
610 auto-configuration should be used.
611 .sp

613 .RE
614 .RE

616 .sp
617 .ne 2
618 .na
619 \fB\fBdown-addr\fR [\fB-t\fR] \fIaddrobj\fR\fR
620 .ad
621 .sp .6
622 .RS 4n
623 The \fBdown-addr\fR subcommand is used to down the address. This will
624 stop packets from being sent or received.
625 .sp
626 The \fB-t\fR option (also \fB--temporary\fR) means
627 that the down is temporary and will not be persistent across reboots.
628 .sp

630 .RE

632 .sp
633 .ne 2
634 .na
635 \fB\fBup-addr\fR [\fB-t\fR] \fIaddrobj\fR\fR
636 .ad
637 .sp .6
638 .RS 4n
639 The \fBup-addr\fR subcommand is used to up the address. This will
640 enable packets to be sent and received.
641 .sp
642 The \fB-t\fR option (also \fB--temporary\fR) means
643 that the up is temporary and will not be persistent across reboots.
644 .sp

646 .RE

648 .sp
649 .ne 2
650 .na

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```

651 \fB\fBdisable-addr\fR \fB-t\fR \fIiaddrobj\fR\fR
652 .ad
653 .sp .6
654 .RS 4n
655 The \fBdisable-addr\fR subcommand is used to disable the address.
656 .sp
657 The \fB-t\fR option (also \fB--temporary\fR) means
658 that the disable is temporary and will not be persistent across reboots.
659 .sp

661 .RE

663 .sp
664 .ne 2
665 .na
666 \fB\fBenable-addr\fR \fB-t\fR \fIiaddrobj\fR\fR
667 .ad
668 .sp .6
669 .RS 4n
670 The \fBenable-addr\fR subcommand is used to enable the address.
671 .sp
672 The \fB-t\fR option (also \fB--temporary\fR) means
673 that the disable is temporary and will not be persistent across reboots.
674 .sp

676 .RE

678 .sp
679 .ne 2
680 .na
681 \fB\fBrefresh-addr\fR [\fB-i\fR] \fIiaddrobj\fR\fR
682 .ad
683 .sp .6
684 .RS 4n
685 The \fBrefresh-addr\fR subcommand is used to extend the lease for DHCP
686 addresses. It also restarts duplicate address detection for Static addresses.
687 .sp
688 The \fB-i\fR option (also \fB--inform\fR) means
689 that the network configuration will be obtained from DHCP without taking
690 a lease on the address.
691 .sp

693 .RE

695 .sp
696 .ne 2
697 .na
698 \fB\fBdelete-addr\fR [\fB-r\fR] \fIiaddrobj\fR\fR
699 .ad
700 .sp .6
701 .RS 4n
702 The \fBdelete-addr\fR subcommand deletes the given address.
703 .sp
704 The \fB-r\fR option (also \fB--release\fR) is used for DHCP-assigned
705 addresses to indicate that the address should be released.
706 .sp

708 .RE

710 .sp
711 .ne 2
712 .na
713 \fB\fBshow-addr\fR [[\fB-p\fR] \fB-o\fR \fIifield\fR[,...]] [\fIiaddrobj\fR]\fR
714 .ad
715 .sp .6
716 .RS 4n

```

```

717 The \fBshow-addr\fR subcommand is used to show the current address properties.
718 .sp
719 The \fB-p\fR option (also \fB--parsable\fR) prints
720 the output in a parsable format.
721 .sp
722 The \fB-o\fR option (also \fB--output\fR) is used
723 to select which fields will be shown. The field value can be one of the
724 following names:
725 .sp
726 .ne 2
727 .na
728 .RS 4n
729 \fBALL\fR
730 .ad
731 .RS 4n
732 Display all fields
733 .RE

735 .sp
736 .ne 2
737 .na
738 \fBADDROBJ\fR
739 .ad
740 .RS 4n
741 The name of the address
742 .RE

744 .sp
745 .ne 2
746 .na
747 \fBTYPE\fR
748 .ad
749 .RS 4n
750 The type of the address. It can be "static", "dhcp" or "addrconf".
751 .RE

753 .sp
754 .ne 2
755 .na
756 \fBSTATE\fR
757 .ad
758 .RS 4n
759 The state of the address. It can be one of the following values:
760 .sp
761 .ne 2
762 .na
763 .RS 4n
764 disabled s see the \fBdisable-addr\fR subcommand
765 .sp
766 down - see the \fBdown-addr\fR subcommand
767 .sp
768 duplicate - the address is a duplicate
769 .sp
770 inaccessible - the interface for this address has failed
771 .sp
772 ok - the address is up
773 .sp
774 tentative - duplicate address detection in progress
775 .RE
776 .RE

778 .sp
779 .ne 2
780 .na
781 \fBCURRENT\fR
782 .ad

```

```

783 .RS 4n
784 A set of single character flags indicating the following:
785 .sp
786 .ne 2
787 .na
788 .RS 4n
789 U - up
790 .br
791 u - unnumbered (matches another local address)
792 .br
793 p - private, not advertised to routing
794 .br
795 t - temporary IPv6 address
796 .br
797 d - deprecated (not used for outgoing packets)
798 .RE
799 .RE

801 .sp
802 .ne 2
803 .na
804 \fBPERSISTENT\fR
805 .ad
806 .RS 4n
807 A set of single character flags showing the configuration which will be used
808 when the address is enabled.
809 .sp
810 .ne 2
811 .na
812 .RS 4n
813 U - up
814 .br
815 p - private, not advertised to routing
816 .br
817 d - deprecated (not used for outgoing packets)
818 .RE
819 .RE

821 .sp
822 .ne 2
823 .na
824 \fBADDR\fR
825 .ad
826 .RS 4n
827 The address
828 .RE
829 .RE

831 .RE

833 .sp
834 .ne 2
835 .na
836 \fB\fBset-addrprop\fR [\fB-t\fR] \fB-p\fR \fIprop\fR=<\fIvalue\fR[,...]> \fIaddr
837 .ad
838 .sp .6
839 .RS 4n
840 The \fBset-addrprop\fR subcommand is used to set a property's value(s) on the
841 addrobj.
842 .sp
843 The \fB-t\fR option (also \fB--temporary\fR) means
844 that the setting is temporary and will not be persistent across reboots.
845 .sp
846 The \fB-p\fR option (also \fB--prop\fR) specifies the property name and
847 value(s). The property name can be one of the following:
848 .sp

```

```

849 .ne 2
850 .na

852 .RS 4n

854 \fBbroadcast\fR
855 .ad
856 .RS 4n
857 The broadcast address (read-only)
858 .RE

860 .sp
861 .ne 2
862 .na
863 \fBdeprecated\fR
864 .ad
865 .RS 4n
866 The address should not be used to send packets but can still receive packets.
867 Can be "on" or "off".
868 .RE

870 .sp
871 .ne 2
872 .na
873 \fBprefixlen\fR
874 .ad
875 .RS 4n
876 The number of bits in the IPv4 netmask or IPv6 prefix.
877 .RE

879 .sp
880 .ne 2
881 .na
882 \fBprivate\fR
883 .ad
884 .RS 4n
885 The address is not advertised to routing.
886 Can be "on" or "off".
887 .RE

889 .sp
890 .ne 2
891 .na
892 \fBtransmit\fR
893 .ad
894 .RS 4n
895 Packets can be transmitted.
896 Can be "on" or "off".
897 .RE

899 .sp
900 .ne 2
901 .na
902 \fBzone\fR
903 .ad
904 .RS 4n
905 The zone the addrobj is in.
906 .RE

908 .RE
909 .RE

911 .sp
912 .ne 2
913 .na
914 \fB\fBreset-addrprop\fR [\fB-t\fR] \fB-p\fR \fIprop\fR \fIaddrobj\fR\fR

```

```

915 .ad
916 .sp .6
917 .RS 4n
918 The \fBreset-addrprop\fR subcommand is used to reset an addrobj's property
919 value to the default.
920 .sp
921 The \fB-t\fR option (also \fB--temporary\fR) means
922 that the disable is temporary and will not be persistent across reboots.
923 .sp
924 The \fB-p\fR option (also \fB--prop\fR) specifies the property name.
925 See the \fBset-addrprop\fR subcommand for the list of property names.
926 .sp

928 .RE

930 .sp
931 .ne 2
932 .na
933 \fB\fBshow-addrprop\fR [[\fB-c\fR]\fB-o\fR \fIfield\fR[,...]] [\fB-p\fR \fIprop\
934 .ad
935 .sp .6
936 .RS 4n
937 The \fBshow-addrprop\fR subcommand is used to display the property values
938 for one or all of the addrobjs.
939 .sp
940 The \fB-c\fR option (also \fB--parsable\fR) prints
941 the output in a parsable format.
942 .sp
943 The \fB-o\fR option (also \fB--output\fR) is used
944 to select which fields will be shown. The field value can be one of the
945 following names:
946 .sp
947 .ne 2
948 .na
949 .RS 4n
950 \fB\fbALL\fR
951 .ad
952 .RS 4n
953 Display all fields
954 .RE

956 .sp
957 .ne 2
958 .na
959 \fB\fbADDDROBJ\fR
960 .ad
961 .RS 4n
962 The name of the addrobj
963 .RE

965 .sp
966 .ne 2
967 .na
968 \fB\fbPROPERTY\fR
969 .ad
970 .RS 4n
971 The name of the property
972 .RE

974 .sp
975 .ne 2
976 .na
977 \fB\fbPERM\fR
978 .ad
979 .RS 4n
980 If the property is readable ("r") and/or writable ("w").

```

```

981 .RE

983 .sp
984 .ne 2
985 .na
986 \fB\fbCURRENT\fR
987 .ad
988 .RS 4n
989 The value of the property
990 .RE

992 .sp
993 .ne 2
994 .na
995 \fB\fbPERSISTENT\fR
996 .ad
997 .RS 4n
998 The persistent value of the property
999 .RE

1001 .sp
1002 .ne 2
1003 .na
1004 \fB\fbDEFAULT\fR
1005 .ad
1006 .RS 4n
1007 The default value of the property
1008 .RE

1010 .sp
1011 .ne 2
1012 .na
1013 \fB\fbPOSSIBLE\fR
1014 .ad
1015 .RS 4n
1016 The possible values for the property
1017 .RE
1018 .RE

1020 .sp
1021 The \fB-p\fR option (also \fB--prop\fR) is used
1022 to specify which properties to display. See the \fBset-addrprop\fR
1023 subcommand for the list of property names.
1024 .sp

1026 .RE

1028 .sp
1029 .ne 2
1030 .na
1031 \fB\fbset-prop\fR [\fB-t\fR] \fB-p\fR \fIprop\fR[+|-]=<\fIvalue\fR[,...]> \fIpro
1032 .ad
1033 .sp .6
1034 .RS 4n
1035 The \fBset-prop\fR subcommand is used to set a property's value(s) on the
1036 protocol.
1037 .sp
1038 The \fB-t\fR option (also \fB--temporary\fR) means
1039 that the setting is temporary and will not be persistent across reboots.
1040 .sp
1041 The \fB-p\fR option (also \fB--prop\fR) specifies the property name and
1042 value(s). The optional [+|-] syntax can be used to add/remove values from the
1043 current list of values on the property.
1044 The property name can be one of the following:
1045 .sp
1046 .ne 2

```

```

1047 .na
1049 .RS 4n
1051 \fBecn\fR
1052 .ad
1053 .RS 4n
1054 Explicit congestion control (TCP-only)
1055 Can be "never", "passive" or "active".
1056 .RE
1058 \fBextra_priv_ports\fR
1059 .ad
1060 .RS 4n
1061 Additional privileged ports (SCTP, TCP or UDP)
1062 .RE
1064 \fBforwarding\fR
1065 .ad
1066 .RS 4n
1067 Packet forwarding is enabled.
1068 Can be "on" or "off".
1069 .RE
1071 \fBhoplimit\fR
1072 .ad
1073 .RS 4n
1074 The IPv6 hoplimit.
1075 .RE
1077 \fBlargest_anon_port\fR
1078 .ad
1079 .RS 4n
1080 Largest ephemeral port (SCTP, TCP or UDP)
1081 .RE
1083 \fBrecv_maxbuf\fR
1084 .ad
1085 .RS 4n
1086 Receive buffer size (ICMP, SCTP, TCP or UDP)
1087 .RE
1089 \fBsack\fR
1090 .ad
1091 .RS 4n
1092 Selective acknowledgement (TCP).
1093 Can be "active", "passive" or "never".
1094 .RE
1096 \fBsend_maxbuf\fR
1097 .ad
1098 .RS 4n
1099 Send buffer size (ICMP, SCTP, TCP or UDP)
1100 .RE
1102 \fBsmallest_anon_port\fR
1103 .ad
1104 .RS 4n
1105 Smallest ephemeral port (SCTP, TCP or UDP)
1106 .RE
1108 \fBsmallest_nonpriv_port\fR
1109 .ad
1110 .RS 4n
1111 Smallest non-privileged port (SCTP, TCP or UDP)
1112 .RE

```

```

1114 \fBttl\fR
1115 .ad
1116 .RS 4n
1117 The IPv4 time-to-live.
1118 .RE
1120 .RE
1121 .RE
1123 .sp
1124 .ne 2
1125 .na
1126 \fB\fBreset-prop\fR [\fB-t\fR] \fB-p\fR \fBIprop\fR \fIprotocol\fR\fR
1127 .ad
1128 .sp .6
1129 .RS 4n
1130 The \fBreset-prop\fR subcommand is used to reset a protocol's property
1131 value to the default.
1132 .sp
1133 The \fB-t\fR option (also \fB--temporary\fR) means
1134 that the disable is temporary and will not be persistent across reboots.
1135 .sp
1136 The \fB-p\fR option (also \fB--prop\fR) specifies the property name.
1137 See the \fBset-prop\fR subcommand for the list of property names.
1138 .sp
1140 .RE
1142 .sp
1143 .ne 2
1144 .na
1145 \fB\fBshow-prop\fR [[\fB-c\fR]\fB-o\fR \fIfield\fR[,...]] [\fB-p\fR \fIprop\fR,.
1146 .ad
1147 .sp .6
1148 .RS 4n
1149 The \fBshow-prop\fR subcommand is used to display the property values
1150 for one or all of the protocols.
1151 .sp
1152 The \fB-c\fR option (also \fB--parsable\fR) prints
1153 the output in a parsable format.
1154 .sp
1155 The \fB-o\fR option (also \fB--output\fR) is used
1156 to select which fields will be shown. The field value can be one of the
1157 following names:
1158 .sp
1159 .ne 2
1160 .na
1161 .RS 4n
1162 \fBALL\fR
1163 .ad
1164 .RS 4n
1165 Display all fields
1166 .RE
1168 .sp
1169 .ne 2
1170 .na
1171 \fBPROTO\fR
1172 .ad
1173 .RS 4n
1174 The name of the protocol
1175 .RE
1177 .sp
1178 .ne 2

```



```

1179 .na
1180 \fBPROPERTY\fR
1181 .ad
1182 .RS 4n
1183 The name of the property
1184 .RE

1186 .sp
1187 .ne 2
1188 .na
1189 \fBPERM\fR
1190 .ad
1191 .RS 4n
1192 If the property is readable ("r") and/or writable ("w").
1193 .RE

1195 .sp
1196 .ne 2
1197 .na
1198 \fBCURRENT\fR
1199 .ad
1200 .RS 4n
1201 The value of the property
1202 .RE

1204 .sp
1205 .ne 2
1206 .na
1207 \fBPERSISTENT\fR
1208 .ad
1209 .RS 4n
1210 The persistent value of the property
1211 .RE

1213 .sp
1214 .ne 2
1215 .na
1216 \fBDEFAULT\fR
1217 .ad
1218 .RS 4n
1219 The default value of the property
1220 .RE

1222 .sp
1223 .ne 2
1224 .na
1225 \fBPOSSIBLE\fR
1226 .ad
1227 .RS 4n
1228 The possible values for the property
1229 .RE
1230 .RE

1232 .sp
1233 The \fB-p\fR option (also \fB--prop\fR) is used
1234 to specify which properties to display. See the \fBset-prop\fR
1235 subcommand for the list of property names.
1236 .sp

1238 .RE

1240 .SH SEE ALSO
1241 .sp
1242 .LP
1243 \fBifconfig\fR(1M), \fBdladm\fR(1M), \fBndd\fR(1M), \fBzonecfg\fR(1M),
1244 \fBarp\fR(1M), \fBcfgadm\fR(1M), \fBif_mpadm\fR(1M), \fBnsswitch.conf\fR(4),

```

```

1245 and \fBdhcp\fR(5).

```

new/usr/src/pkg/manifests/system-network.mf

1

```
*****
4418 Wed Feb 20 13:14:40 2013
new/usr/src/pkg/manifests/system-network.mf
815 Need ipadm(1M) manual page
Reviewed by: Albert Lee <trisk@nexenta.com>
Reviewed by: Carlos Cardenas <cardenas12@gmail.com>
Reviewed by: Dan Kimmel <dan.kimmel@delphix.com>
Reviewed by: Christopher Siden <christopher.siden@delphix.com>
Reviewed by: Adam Leventhal <ahl@delphix.com>
*****
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 #
22 #
23 # Copyright (c) 2010, Oracle and/or its affiliates. All rights reserved.
24 #
25 #
26 set name=pkg.fmri value=pkg:/system/network@$(PKGVERS)
27 set name=pkg.description \
28   value="core software for network infrastructure configuration"
29 set name=pkg.summary value="Core Solaris Network Infrastructure"
30 set name=info.classification value=org.opensolaris.category.2008:System/Core
31 set name=variant.arch value=$(ARCH)
32 dir path=etc group=sys
33 dir path=etc/default group=sys
34 dir path=etc/dladm group=netadm owner=dladm
35 dir path=etc/inet group=sys
36 dir path=etc/inet/ike group=sys
37 dir path=etc/inet/ike/crls group=sys
38 dir path=etc/inet/ike/publickeys group=sys
39 dir path=etc/inet/secret group=sys mode=0700
40 dir path=etc/inet/secret/ike.privatekeys group=sys mode=0700
41 dir path=etc/ipadm group=netadm owner=netadm
42 dir path=etc/nwam group=netadm owner=netadm
43 dir path=etc/nwam/loc group=netadm owner=netadm
44 dir path=etc/nwam/loc/NoNet group=netadm owner=netadm
45 dir path=sbin group=sys
46 dir path=usr/share/man
47 dir path=usr/share/man/man1m
48 file path=etc/default/dhcpagent group=sys \
49   original_name=SUNWcnetr:etc/default/dhcpagent preserve=true
50 file path=etc/default/inetinit group=sys \
51   original_name=SUNWcnetr:etc/default/inetinit preserve=true
52 file path=etc/default/ipsec group=sys \
53   original_name=SUNWcnetr:etc/default/ipsec preserve=true
54 file path=etc/default/mpathd group=sys \
55   original_name=SUNWcnetr:etc/default/mpathd preserve=true
56 file path=etc/dladm/datalink.conf group=netadm \
```

new/usr/src/pkg/manifests/system-network.mf

2

```
57   original_name=SUNWcnetr:etc/dladm/datalink.conf owner=dladm preserve=true
58 file path=etc/dladm/flowadm.conf group=netadm \
59   original_name=SUNWcnetr:etc/dladm/flowadm.conf owner=dladm preserve=true
60 file path=etc/dladm/flowprop.conf group=netadm \
61   original_name=SUNWcnetr:etc/dladm/flowprop.conf owner=dladm preserve=true
62 file path=etc/dladm/secobj.conf group=netadm mode=0660 \
63   original_name=SUNWcnetr:etc/dladm/secobj.conf owner=dladm preserve=true
64 file path=etc/inet/datemsk.ndpd group=sys mode=0444
65 file path=etc/inet/ike/config.sample group=sys mode=0444
66 file path=etc/inet/ipsecalg group=sys \
67   original_name=SUNWcnetr:etc/inet/ipsecalg preserve=true
68 file path=etc/inet/ipsecinit.sample group=sys mode=0444
69 file path=etc/inet/secret/ike.preshared group=sys mode=0600 \
70   original_name=SUNWcnetr:etc/inet/secret/ike.preshared preserve=true
71 file path=etc/inet/secret/ipseckeys.sample group=sys mode=0600
72 file path=etc/ipadm/ipadm.conf group=netadm owner=netadm preserve=true
73 file path=etc/nwam/loc/NoNet/ipf.conf.dfl group=netadm owner=netadm \
74   preserve=true
75 file path=etc/nwam/loc/NoNet/ipf6.conf.dfl group=netadm owner=netadm \
76   preserve=true
77 file path=etc/nwam/loc/create_loc_auto group=netadm owner=netadm preserve=true
78 file path=etc/nwam/loc/create_loc_nonet group=netadm owner=netadm \
79   preserve=true
80 file path=sbin/dladm mode=0555
81 file path=sbin/dlstat mode=0555
82 file path=sbin/flowadm mode=0555
83 file path=sbin/flowstat mode=0555
84 file path=sbin/ipadm mode=0555
85 file path=usr/share/man/man1m/dladm.1m
86 file path=usr/share/man/man1m/flowadm.1m
87 file path=usr/share/man/man1m/ipadm.1m
88 group groupname=netadm gid=65
89 legacy pkg=SUNWcnetr \
90   desc="core software for network infrastructure configuration" \
91   name="Core Solaris Network Infrastructure (Root)"
92 license cr_Sun license=cr_Sun
93 license lic_CDDL license=lic_CDDL
94 user username=dladm ftpuser=false gcos-field="Datalink Admin" group=netadm \
95   uid=15
96 user username=netadm ftpuser=false gcos-field="Network Admin" group=netadm \
97   uid=16
98 user username=netcfg ftpuser=false gcos-field="Network Configuration Admin" \
99   group=netadm uid=17
```