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*****
66824 Mon Oct 1 02:16:58 2012
new/usr/src/cmd/cmd-inet/usr.lib/in.ndpd/main.c
3245 in.ndpd daemon should not be session leader
*****
_____unchanged_portion_omitted_____

908 static void
909 daemonize_ndpd(void)
910 {
911     FILE *pidfp;
912     mode_t pidmode = (S_IRUSR | S_IWUSR | S_IRGRP | S_IROTH); /* 0644 */
913     struct itimerval it;
914     boolean_t timerval = _B_TRUE;

916     /*
917     * Need to get current timer settings so they can be restored
918     * after the fork(), as the it_value and it_interval values for
919     * the ITIMER_REAL timer are reset to 0 in the child process.
920     */
921     if (getitimer(ITIMER_REAL, &it) < 0) {
922         if (debug & D_TIMER)
923             logmsg(LOG_DEBUG,
924                 "daemonize_ndpd: failed to get itimerval\n");
925         timerval = _B_FALSE;
926     }

928     /* Open pid file, blow away any existing file if it exists. */
929     if ((pidfp = fopen(PATH_PID, "w")) == NULL) {
930         (void) fprintf(stderr, "%s: unable to open " PATH_PID ": %s\n",
931             argv0[0], strerror(errno));
932     }

934 #endif /* ! codereview */
935     /* Daemonize. */
936     if (daemon(0, 0) == -1) {
937         switch (fork()) {
938             case 0:
939                 /* Child */
940                 break;
941             case -1:
942                 logperror("fork");
943                 exit(1);
944             default:
945                 /* Parent */
946                 _exit(0);
947         }

948     /* Store our process id */
949     if (pidfp != NULL) {
950         /* Store our process id, blow away any existing file if it exists. */
951         if ((pidfp = fopen(PATH_PID, "w")) == NULL) {
952             (void) fprintf(stderr, "%s: unable to open " PATH_PID ": %s\n",
953                 argv0[0], strerror(errno));
954         } else {
955             (void) fprintf(pidfp, "%ld\n", getpid());
956             (void) fclose(pidfp);
957             (void) chmod(PATH_PID, pidmode);
958         }

959     (void) close(0);
960     (void) close(1);
961     (void) close(2);

962     (void) chdir("/");
963     (void) open("/dev/null", O_RDWR);

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956     (void) dup2(0, 1);
957     (void) dup2(0, 2);
958     (void) setsid();

960     already_daemonized = _B_TRUE;

962     /*
963     * Restore timer values, if we were able to save them; if not,
964     * check and set the right value by calling run_timeouts().
965     */
966     if (timerval) {
967         if (setitimer(ITIMER_REAL, &it, NULL) < 0) {
968             logperror("daemonize_ndpd: setitimer");
969             exit(2);
970         } else {
971             run_timeouts();
972         }
973     }
974 }
_____unchanged_portion_omitted_____

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