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**********************************************************
   45538 Sat Aug 24 11:03:00 2013
new/usr/src/cmd/nscd/nscd_switch.c
use memset, for Albert
4075 nscd spuriously thinks all databases are privileged
**********************************************************
______unchanged_portion_omitted_

 184 /*
 185  * Call the input initf function to extract the
 186  * NSS front end parameters and examine them to
 187  * determine if an NSS lookup is to be performed
 188  * on a regular or a pseudo (called from compat
 189  * backend) database. Then set the necessary
 190  * parameters for later data structures creation
 191  * and processing.
 192  */
 193 static nscd_rc_t
 194 getparams(
 195         int                     search_fnum,
 196         nss_db_initf_t          initf,
 197         nscd_nsw_params_t       *params)
 198 {

 200         nscd_rc_t       rc = NSCD_SUCCESS;
 201         nss_db_params_t *p;
 202         int             j;
 203         char            *dbn;
 204         const char      *n;
 205         char            *me = "getparams";

 207         p = &params->p;
 208         (void) memset(params, 0, sizeof (nscd_nsw_params_t));
 208         (void) memset(p, 0, sizeof (*p));
 209         (*initf)(p);
 210         params->dbi = -1;
 211         params->cfgdbi = -1;
 212         params->compati = -1;
 213         params->dnsi = -1;

 215         /* map database name to index */
 216         n = p->name;
 217         for (j = 0; j < NSCD_NUM_DB; j++) {
 218                 dbn = NSCD_NSW_DB_NAME(j);
 219                 if (*n != *dbn)
 220                         continue;
 221                 if (strcmp(n, dbn) == 0) {
 222                         params->dbi = j;
 223                         if (*n != 'h' && *n != 'i' && *n != 's' && *n != 'a')
 224                                 break;
 225                         if (strcmp(n, NSS_DBNAM_HOSTS) == 0 &&
 226                             search_fnum == NSS_DBOP_HOSTS_BYNAME)
 227                                 params->dnsi = 0;
 228                         else if (strcmp(n, NSS_DBNAM_IPNODES) == 0 &&
 229                             search_fnum == NSS_DBOP_IPNODES_BYNAME)
 230                                 params->dnsi = 1;
 231                         else if (strcmp(n, NSS_DBNAM_SHADOW) == 0)
 232                                 params->privdb = 1;
 233                         break;
 234                 }
 235         }

 237         /*
 238          * use the switch policy for passwd_compat or
 239          * group_compat?
 240          */
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 241         if (p->config_name != NULL) {

 242                 n = p->config_name;
 243                 for (j = 0; j < NSCD_NUM_DB; j++) {
 244                         dbn = NSCD_NSW_DB_NAME(j);
 245                         if (*n == *dbn) {
 246                                 if (strcmp(n, dbn) == 0) {
 247                                         params->cfgdbi = j;
 248                                         break;
 249                                 }
 250                         }
 251                 }
 252         }

 254         /* map the database name to the pseudo database index */
 255         if (params->cfgdbi != -1) {
 256                 if (strstr(p->config_name, "_compat") != NULL) {
 257                         n = p->name;
 258                         for (j = params->cfgdbi; j < NSCD_NUM_DB; j++) {
 259                                 dbn = NSCD_NSW_DB_NAME(j);
 260                                 if (*n == *dbn) {
 261                                         if (strcmp(n, dbn) == 0) {
 262                                                 params->compati = j;
 263                                                 break;
 264                                         }
 265                                 }
 266                         }
 267                 }
 268         }

 270         /*
 271          * if unsupported database, let caller determine what to do next
 272          */
 273         if (params->dbi == -1) {
 274                 _NSCD_LOG(NSCD_LOG_SWITCH_ENGINE, NSCD_LOG_LEVEL_DEBUG)
 275                 (me, "unsupported database: %s\n", p->name);
 276                 return (NSCD_CFG_UNSUPPORTED_SWITCH_DB);
 277         }

 279         return (rc);
 280 }
______unchanged_portion_omitted_
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