

Strange problem with NSS_LDAP in Solaris 9

Source: <http://unix.derkeiler.com/Mailing-Lists/SunManagers/2005-02/0357.html>

From: Luiz Alfredo Baggiotto (luiz_at_pucrs.br)

Date: 02/23/05

Date: Wed, 23 Feb 2005 14:43:04 -0300

To: <sunmanagers@sunmanagers.org>

Dear all

I'm installing a OpenLDAP in one Solaris 9 server. Everything seems to work ok, but I realized a strange behavior. The slapd daemon initializes too slowly (approximately 1 minute) and generate this error log:

```
Feb 23 13:58:41 arrakis slapd[1989]: [ID 702911 local4.debug] @(#) $OpenLDAP:
slapd 2.2.23 (Jan 26 2005 15:39:22) $
Feb 23 13:58:41 arrakis
@arrakis:/root/adm/soft/openldap-2.2.23/servers/slapd
Feb 23 13:58:41 arrakis slapd[1989]: [ID 982204 local4.info] nss_ldap:
reconnecting to LDAP server...
Feb 23 13:58:41 arrakis last message repeated 1 time
Feb 23 13:58:41 arrakis slapd[1989]: [ID 582712 local4.info] nss_ldap:
reconnecting to LDAP server (sleeping 4 seconds)...
Feb 23 13:58:45 arrakis slapd[1989]: [ID 582712 local4.info] nss_ldap:
reconnecting to LDAP server (sleeping 8 seconds)...
Feb 23 13:58:53 arrakis slapd[1989]: [ID 582712 local4.info] nss_ldap:
reconnecting to LDAP server (sleeping 16 seconds)...
Feb 23 13:59:09 arrakis slapd[1989]: [ID 582712 local4.info] nss_ldap:
reconnecting to LDAP server (sleeping 32 seconds)...
Feb 23 13:59:41 arrakis slapd[1989]: [ID 305409 local4.error] nss_ldap: could
not hard reconnect to LDAP server - Server is unavail
lable
Feb 23 13:59:41 arrakis slapd[1989]: [ID 592912 local4.debug]
bdb_back_initialize: Sleepycat Software: Berkeley DB 4.3.27: (Decemb
er 22, 2004)
Feb 23 13:59:41 arrakis slapd[1989]: [ID 178880 local4.debug] bdb_db_init:
Initializing BDB database
Feb 23 13:59:41 arrakis slapd[1990]: [ID 100111 local4.debug] slapd starting
```

The command line is:

```
/usr/local/libexec/slapd -u ldap -g ldap -h ldaps:/// ldap:///
```

The user and group 'ldap' are locally stored:

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```
# grep ldap /etc/passwd
ldap:x:30:30:LDAP User:/var/empty:/bin/false
# grep ldap /etc/group
ldap::30:ldap
#
```

Well, when I initialize the service with the 'root' user (/usr/local/libexec/slapd -h ldaps:/// ldap:///), the problem not occurs, but it's not very good.

I tried to change some parameters and has discovered that when I have in /etc/nsswitch.conf the key 'group:' without the ldap parameter, the initialization is normal.

That is, the problem isn't happening when in /etc/nsswitch.conf I have:

Group: files

After the daemon initializes, I can change this line to

Group: files ldap

And everything works very good. But if /etc/nsswitch.conf is configured in this form, occurs the initialization problem.

Has anyone some idea about it?

Thanks in advance

Luiz

sunmanagers mailing list
sunmanagers@sunmanagers.org
<http://www.sunmanagers.org/mailman/listinfo/sunmanagers>