

pam winbind solaris 10?

Source: <http://unix.derkeiler.com/Newsgroups/comp.unix.solaris/2006-01/msg01301.html>

- *From:* tom@xxxxxxxxxxxxxxxxxxxx
 - *Date:* 19 Jan 2006 11:13:55 -0800
-

I have no problem getting pam and winbindd (samba) to play well, though Solaris 10 has been a real challenge (still is) I am reading the docs <http://docs.sun.com/app/docs/doc/816-4557/6maosrj0?a=view#pam-36> and see they have really re-worked pam since Solaris 9.

I am attempting to run winbindd as an auth module but get conflicting results; it appears the module just is not working, pam, in it's new implementation does not accept it.

Here is a snip from the system during a ssh login:

```
Jan 19 10:27:00 testhost2 pam_winbind[17861]: [ID 467601 auth.error]
request failed: No such user, PAM error was 13, NT error was
NT_STATUS_NO_SUCH_USER
```

So something is happening at the pam_winbind layer.

And the winbindd log:

```
[2006/01/19 13:46:06, 6] nsswitch/winbindd.c:new_connection(638)
accepted socket 17
[2006/01/19 13:46:06, 3]
nsswitch/winbindd_misc.c:winbindd_interface_version(454)
[ 0]: request interface version
[2006/01/19 13:46:06, 3]
nsswitch/winbindd_misc.c:winbindd_priv_pipe_dir(487)
[ 0]: request location of privileged pipe
[2006/01/19 13:46:06, 6] nsswitch/winbindd.c:new_connection(638)
accepted socket 18
[2006/01/19 13:46:06, 3]
nsswitch/winbindd_user.c:winbindd_getpwnam(336)
[ 0]: getpwnam TESTDOM+testuser
[2006/01/19 13:46:12, 3]
nsswitch/winbindd_user.c:winbindd_getpwnam(336)
[ 0]: getpwnam TESTDOM+testuser
[2006/01/19 13:46:12, 3]
nsswitch/winbindd_user.c:winbindd_getpwnam(336)
[ 0]: getpwnam TESTDOM+testuser
[2006/01/19 13:46:12, 3]
nsswitch/winbindd_user.c:winbindd_getpwnam(336)
[ 0]: getpwnam TESTDOM+testuser
```

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Anyone have some ideas?

I have included a copy of my pam.conf for Solaris 10 as well as a copy from my 'working' Solaris 9.

```
=====BEGIN pam.conf Solaris 9 =====
#
#ident "@(#)pam.conf 1.20 02/01/23 SMI"
#
# Copyright 1996–2002 Sun Microsystems, Inc. All rights reserved.
# Use is subject to license terms.
#
# PAM configuration
#
# Unless explicitly defined, all services use the modules # defined in
the "other" section.
#
# Modules are defined with relative pathnames, i.e., they are #
relative to /usr/lib/security/$ISA. Absolute path names, as # present
in this file in previous releases are still acceptable.
#
# Authentication management
#
# login service (explicit because of pam_dial_auth) #
login auth requisite pam_authtok_get.so.1
login auth sufficient pam_dhkeys.so.1
login auth sufficient pam_unix_auth.so.1
login auth sufficient pam_dial_auth.so.1
login auth sufficient /usr/lib/security/pam_winbind.so.1
try_first_pass
#
# rlogin service (explicit because of pam_rhost_auth) #
rlogin auth requisite pam_authtok_get.so.1
rlogin auth sufficient pam_dhkeys.so.1
rlogin auth sufficient pam_unix_auth.so.1
rlogin auth sufficient /usr/lib/security/pam_winbind.so.1
try_first_pass
#
# rsh service (explicit because of pam_rhost_auth, # and pam_unix_auth
for meaningful
rsh auth required pam_unix_auth.so.1
#
# PPP service (explicit because of pam_dial_auth) #
ppp auth requisite pam_authtok_get.so.1
ppp auth required pam_dhkeys.so.1
ppp auth required pam_unix_auth.so.1
ppp auth required pam_dial_auth.so.1
#
# Default definitions for Authentication management # Used when service
name is not #explicitly mentioned for authentication #
```

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```
other auth requisite pam_authtok_get.so.1
other auth sufficient pam_dhkeys.so.1
other auth sufficient pam_unix_auth.so.1
other auth sufficient /usr/lib/security/pam_winbind.so.1
try_first_pass
#
# passwd command (explicit because of a different authentication
module) #
passwd auth required pam_passwd_auth.so.1
#
# cron service (explicit because of non-usage of pam_roles.so.1) #
cron account required pam_projects.so.1
cron account required pam_unix_account.so.1
#
# Default definition for Account management # Used when service name is
not explicitly mentioned for account management #
other account requisite pam_roles.so.1
other account sufficient pam_projects.so.1
other account sufficient pam_unix_account.so.1
#
# Default definition for Session management # Used when service name is
not explicitly mentioned for session management #
other session required pam_unix_session.so.1
other session sufficient /usr/lib/security/pam_winbind.so.1
#
# Default definition for Password management # Used when service name
is not explicitly mentioned for password management #
other password required pam_dhkeys.so.1
other password requisite pam_authtok_get.so.1
other password requisite pam_authtok_check.so.1
other password required pam_authtok_store.so.1
#
# Support for Kerberos V5 authentication (uncomment to use Kerberos) #
#rlogin auth optional pam_krb5.so.1 try_first_pass
#login auth optional pam_krb5.so.1 try_first_pass
#other auth optional pam_krb5.so.1 try_first_pass
#cron account optional pam_krb5.so.1
#other account optional pam_krb5.so.1
#other session optional pam_krb5.so.1
#other password optional pam_krb5.so.1 try_first_pass
#=====END pam.conf Solaris 9 =====

#=====BEGIN pam.conf Solaris 10 =====
#
#ident "@(#)pam.conf 1.28 04/04/21 SMI"
#
# Copyright 2004 Sun Microsystems, Inc. All rights reserved.
# Use is subject to license terms.
#
# PAM configuration
#
```

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```
# Unless explicitly defined, all services use the modules
# defined in the "other" section.
#
# Modules are defined with relative pathnames, i.e., they are
# relative to /usr/lib/security/$ISA. Absolute path names, as
# present in this file in previous releases are still acceptable.
#
# Authentication management
#
# login service (explicit because of pam_dial_auth)
#
login auth requisite pam_authtok_get.so.1
#----- Begin Winbind -----#
#----- Notes: Pass, OK, stacked authtok_get first
login auth binding pam_winbind.so.1 try_first_pass
#----- End Winbind -----#
login auth required pam_dhkeys.so.1
login auth required pam_unix_cred.so.1
login auth required pam_unix_auth.so.1
login auth required pam_dial_auth.so.1
#
# rlogin service (explicit because of pam_rhost_auth)
#
rlogin auth sufficient pam_rhosts_auth.so.1
rlogin auth requisite pam_authtok_get.so.1
#----- Begin Winbind -----#
#----- Notes: OK
rlogin auth required pam_winbind.so.1 try_first_pass
#----- End Winbind -----#
rlogin auth required pam_dhkeys.so.1
rlogin auth required pam_unix_cred.so.1
rlogin auth required pam_unix_auth.so.1
#
# Kerberized rlogin service
#
krlogin auth required pam_unix_cred.so.1
krlogin auth binding pam_krb5.so.1
krlogin auth required pam_unix_auth.so.1
#
# rsh service (explicit because of pam_rhost_auth,
# and pam_unix_auth for meaningful pam_setcred)
#
rsh auth sufficient pam_rhosts_auth.so.1
rsh auth required pam_unix_cred.so.1
#
# Kerberized rsh service
#
krsh auth required pam_unix_cred.so.1
krsh auth binding pam_krb5.so.1
krsh auth required pam_unix_auth.so.1
#
```

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```
# Kerberized telnet service
#
ktelnet auth required pam_unix_cred.so.1
ktelnet auth binding pam_krb5.so.1
ktelnet auth required pam_unix_auth.so.1
#
# PPP service (explicit because of pam_dial_auth)
#
ppp auth requisite pam_authtok_get.so.1
ppp auth required pam_dhkeys.so.1
ppp auth required pam_unix_cred.so.1
ppp auth required pam_unix_auth.so.1
ppp auth required pam_dial_auth.so.1
#
# Default definitions for Authentication management
# Used when service name is not explicitly mentioned for authentication
#
other auth requisite pam_authtok_get.so.1
#---- Begin Winbind ----#
#---- Notes: Pass, OK, but asks for password twice and passes on the
second # try without the "try_first_pass"
other auth binding pam_winbind.so.1 try_first_pass debug
#---- End Winbind -----#
other auth required pam_dhkeys.so.1
other auth required pam_unix_cred.so.1
other auth required pam_unix_auth.so.1
other auth required pam_krb5.so.1 use_first_pass
#
# passwd command (explicit because of a different authentication
module)
#
#---- Begin Winbind -----#
#---- Notes: no problem for files users.
passwd auth required pam_winbind.so.1
#---- End Winbind -----#
passwd auth required pam_passwd_auth.so.1
#
# cron service (explicit because of non-usage of pam_roles.so.1)
#
cron account required pam_unix_account.so.1
#
# Default definition for Account management
# Used when service name is not explicitly mentioned for account
management
#
other account requisite pam_roles.so.1
other account required pam_unix_account.so.1
#---- Begin Winbind ----#
#---- Notes: Pass, OK
other account sufficient pam_winbind.so.1
#---- End Winbind -----#
```

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```
#
# Default definition for Session management
# Used when service name is not explicitly mentioned for session
management
#
#----- Begin Winbind -----#
#----- Notes: Causes
other session required pam_winbind.so.1 try_first_pass
#----- End Winbind -----#
other session required pam_unix_session.so.1
#
# Default definition for Password management
# Used when service name is not explicitly mentioned for password
management
#
other password required pam_dhkeys.so.1
other password requisite pam_authok_get.so.1
other password requisite pam_authok_check.so.1
other password required pam_authok_store.so.1
#----- Begin Winbind -----#
#----- Notes:
other password sufficient pam_winbind.so.1 try_first_pass
#----- End Winbind -----#
#
# Support for Kerberos V5 authentication and example configurations can
# be found in the pam_krb5(5) man page under the "EXAMPLES" section.
#
#=====END pam.conf Solaris 10 =====
thanks
```

My email is thomas not tom.

thanks again.

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- *Follow-Ups:*

- ◆ [Re: pam winbind solaris 10?](#)

- ◆ *From:* Casper H . S . Dik

- Prev by Date: [Re: nslookup works, dns does not in mozilla](#)
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