

FreeNAS - Bug #15166

Permission User and Group list is not populated correctly when running as member DC (active directory)

05/05/2016 08:06 AM - Alexander Bauer

Status:	Closed: Not To Be Fixed	
Priority:	Important	
Assignee:	Erin Clark	
Category:	OS	
Target version:	N/A	
Seen in:	9.10-STABLE-201605021851	Needs Merging: Yes
Severity:	New	Needs Automation: No
Reason for Closing:		Support Suite Ticket: n/a
Reason for Blocked:		Hardware Configuration:
Needs QA:	Yes	ChangeLog Required: No
Needs Doc:	Yes	
Description		
The user and group list for the permissions of a volume are not populated correct.		
I joined my FreeNAS with an aActive Directory. On the shell wbinfo -u and wbinfo -g show all users and groups correct.		
When I try to assign the user and group in the permission dialog of volumes the users are not populated and from the groups is only one group from the active directory populated.		
Alexander		
Related issues:		
Related to FreeNAS - Bug #15207: Permissions dialog in webgui truncating user...		Closed: Behavior 05/06/2016
Related to FreeNAS - Bug #15209: Permission User and Group list is not popula...		Closed: Insufficient 05/06/2016

History

#1 - 05/05/2016 08:09 AM - Vaibhav Chauhan

- Category changed from 2 to 36
- Assignee set to Erin Clark
- Priority changed from No priority to Important

please attach debug and set correct seen in.

#2 - 05/05/2016 11:27 AM - Erin Clark

- Status changed from Unscreened to Screened

#3 - 05/05/2016 01:16 PM - Jordan Hubbard

BRB: Are there more than 500 users / groups in your AD server? The GUI truncates the list to 500.

Please also see request for save debug output above.

#4 - 05/05/2016 01:51 PM - an odos

Jordan Hubbard wrote:

BRB: Are there more than 500 users / groups in your AD server? The GUI truncates the list to 500.

Please also see request for save debug output above.

I just checked on my a FreeNAS server (FreeNAS-9.10-STABLE-201604261518) and a TrueNAS server (TrueNAS-9.3-STABLE-201604202233). The Group list is truncated to 50, not 500. Most of my AD users are missing from the GUI as well.

#5 - 05/05/2016 03:21 PM - Erin Clark

How many users do you have? The GUI is set to hide all of them if the number is greater than 500. You should be able to type in the <domain>\<username> into the field to set permissions when they are not displayed in this case.

#6 - 05/05/2016 11:27 PM - Alexander Bauer

- File Bildschirmfoto vom 2016-05-06 08-25-14.png added

- Seen in changed from Unspecified to 9.10-STABLE-201605021851

I have less than 10 Users and around 25 Groups

root is the only listed user
groups screenshot attached ...

Some output:

```
wbinfo -u
administrator
alexander
nfsnobody
nasadmin
johanna
susanne
dns-dc
krbtgt
nobody
guest
arne
dhcp
...
```

```
wbinfo -g
allowed rodc password replication group
enterprise read-only domain controllers
denied rodc password replication group
read-only domain controllers
group policy creator owners
ras and ias servers
domain controllers
enterprise admins
domain computers
cert publishers
dnsupdateproxy
domain admins
domain guests
schema admins
domain users
grpalexander
grpnsnobody
grpjohanna
grplibvirt
grpsusanne
dnsadmins
```

grpnobody
grpusers
grpwheel
grparne
grpqemu

/usr/local/etc/smb4.conf relevant part:

```
[global]
server max protocol = SMB3_11
encrypt passwords = yes
dns proxy = no
strict locking = no
oplocks = yes
deadtime = 15
max log size = 51200
max open files = 936884
logging = file
load printers = no
printing = bsd
printcap name = /dev/null
disable spoolss = yes
getwd cache = yes
guest account = nobody
map to guest = Bad User
obey pam restrictions = yes
directory name cache size = 0
kernel change notify = no
panic action = /usr/local/libexec/samba/samba-backtrace
nsupdate command = /usr/local/bin/samba-nsupdate -g
server string = FreeNAS Server
ea support = yes
store dos attributes = yes
lm announce = yes
hostname lookups = yes
time server = yes
acl allow execute always = true
dos filemode = yes
multicast dns register = yes
domain logons = no
idmap config *: backend = tdb
idmap config *: range = 10000-99999
server role = member server
workgroup = BAUERS
realm = BAUERS.DAHEIM
security = ADS
client use spnego = yes
cache directory = /var/tmp/.cache/.samba
local master = no
domain master = no
preferred master = no
ads dns update = yes
winbind cache time = 7200
winbind offline logon = yes
winbind enum users = yes
winbind enum groups = yes
winbind nested groups = yes
winbind use default domain = yes
winbind refresh tickets = yes
winbind nss info = rfc2307
idmap config BAUERS: backend = ad
idmap config BAUERS: range = 10000-99999
idmap config BAUERS: schema mode = rfc2307
allow trusted domains = no
client ldap sasl wrapping = seal
template shell = /bin/sh
template homedir = /home/%U
netbios name = SATURN
pid directory = /var/run/samba
create mask = 0666
directory mask = 0777
client ntlmv2 auth = yes
dos charset = CP437
unix charset = UTF-8
log level = 3
```

#7 - 05/05/2016 11:33 PM - Alexander Bauer

- File Bildschirmfoto vom 2016-05-06 08-31-15.png added

- File Bildschirmfoto vom 2016-05-06 08-33-26.png added

Erin Clark wrote:

How many users do you have? The GUI is set to hide all of them if the number is greater than 500. You should be able to type in the <domain>\<username> into the field to set permissions when they are not displayed in this case.

I checked that ... but it does not work ... (checked with the group) see attached screen shot and my wbinfos -g output

#8 - 05/06/2016 11:48 AM - Erin Clark

Could you attach a debug file, go to System > Advanced and click Save Debug that way I can see your logs and maybe get a better idea of what is going on?

#9 - 05/06/2016 02:36 PM - an odos

Erin Clark wrote:

Could you attach a debug file, go to System > Advanced and click Save Debug that way I can see your logs and maybe get a better idea of what is going on?

Erin I attached two debug files in a as a separate private bug here: <https://bugs.freenas.org/issues/15207>

Sorry if that makes things a bit more janky for you.

The debug file contains (ixdiagnose/fndebug/ActiveDirectory, and ixdiagnose/fndebug/DirectoryCache) contain all AD users and groups.

#10 - 05/06/2016 03:05 PM - Alexander Bauer

I send you the requested debug output as private bug [\[\[https://bugs.freenas.org/issues/15209\]\]](https://bugs.freenas.org/issues/15209)

Erin Clark wrote:

Could you attach a debug file, go to System > Advanced and click Save Debug that way I can see your logs and maybe get a better idea of what is going on?

#11 - 05/06/2016 06:00 PM - Erin Clark

- Related to Bug #15207: Permissions dialog in webgui truncating user and group list to 50 members - debug files per request in Bug #15166 added

#12 - 05/11/2016 08:34 AM - an odos

Response from William Grzybowski in Bug 15207 is "This is by design. When number of users is higher than 50, you have to use autocomplete for the user to show up."

Honestly after years of using FreeNAS, I never realized that the drop-down menu was also a text field that I could type in. This feature is also not documented. See here: http://doc.freenas.org/9.10/freenas_storage.html#change-permissions

50 users / groups is kinda low if a person is using AD. I assume this is for performance reasons. Perhaps it would be better to exclude users / groups from directory services in the dropdown. Then update documentation / tooltip to reflect the proper method of accessing users / groups from directory services (typing in and letting it autocomplete).

As it now stands, it just appears broken to the end-user.

P.S. - Really looking forward to a UI overhaul in FreeNAS 10.

#13 - 05/11/2016 08:44 AM - an odos

A side-note regarding auto-complete. The autocomplete behavior partially depends on samba configuration. If we have the user "joebob" in domain "foo", and "Use Default Domain" is checked, then joebob will appear in the dropdown as "joebob". If "Use Default Domain" is unchecked then he will appear as "foo\joebob". In the latter case, users will need to begin searching for AD users and groups by prepending the domain name to the user name (just typing "joebob" won't work).

It would be nice to be able to just select whether we want to search through local accounts or domain accounts, but I can understand if no one really wants to hack at the FreeNAS 9 gui at this point.

#14 - 05/12/2016 01:49 PM - Jordan Hubbard

- Related to Bug #15209: Permission User and Group list is not populated correctly when running as member DC (active directory) added

#15 - 05/12/2016 03:38 PM - Erin Clark

So you are running the FreeNAS box as a Domain Controller on the domain, is that correct?

#16 - 05/12/2016 06:20 PM - an odos

Erin Clark wrote:

So you are running the FreeNAS box as a Domain Controller on the domain, is that correct?

My servers are configured as AD member servers. Not domain controllers.

#17 - 05/12/2016 06:55 PM - Erin Clark

Alright well can we do a teamviewer sometime tomorrow or next week so I can see what is going on with your system?

#18 - 05/12/2016 11:14 PM - Alexander Bauer

Hi Erin,

my Domain Controller (samba) is running in a jail on the FreeNAS Server.
The FreeNAS server itself is member of that domain ...

Erin Clark wrote:

So you are running the FreeNAS box as a Domain Controller on the domain, is that correct?

#19 - 05/12/2016 11:19 PM - Jordan Hubbard

That must lead to some fascinating race conditions., for obvious reasons.

#20 - 05/13/2016 12:01 AM - Alexander Bauer

would I recommend this setup => No
will I do it again => No

and yes, there are manual tasks needed regarding a reboot-ing (disabling directory services, disabling CIFS sharing, fixed ips (no dhcp) for server and jails ...)

Jordan Hubbard wrote:

That must lead to some fascinating race conditions., for obvious reasons.

#21 - 05/13/2016 03:44 PM - Erin Clark

Well out of curiosity I could do a teamviewer and take a peek just to see if there really is a bug with this but it is an unusual configuration so I can't guarantee a fix. Let me know when you would like to do that, preferably sometime after 1:00 PST someday next week.

#22 - 05/23/2016 07:20 AM - Alexander Bauer

- *Private changed from No to Yes*

Hi Erin,

today or next week would be fine (I was on vacation last week)

Alexander

Erin Clark wrote:

Well out of curiosity I could do a teamviewer and take a peek just to see if there really is a bug with this but it is an unusual configuration so I can't guarantee a fix. Let me know when you would like to do that, preferably sometime after 1:00 PST someday next week.

#23 - 06/03/2016 05:04 PM - Erin Clark

Could you email me erin 'at' ixsystems.com about some time next week we could maybe do a teamviewer, perhaps sometime tuesday or wednesday morning?

#24 - 09/06/2016 07:19 AM - Kris Moore

- Status changed from Screened to Closed: Not To Be Fixed

Timing out

#25 - 08/07/2017 02:20 PM - Dru Lavigne

- Target version set to N/A

- Private changed from Yes to No

Files

Bildschirmfoto vom 2016-05-06 08-25-14.png	173 KB	05/06/2016	Alexander Bauer
Bildschirmfoto vom 2016-05-06 08-31-15.png	34.1 KB	05/06/2016	Alexander Bauer
Bildschirmfoto vom 2016-05-06 08-33-26.png	33.7 KB	05/06/2016	Alexander Bauer