

FreeNAS - Bug #28063

Write local SID to correct DB file

01/29/2018 04:02 PM - Christopher Kennedy

Status: Done	
Priority: No priority	
Assignee: Andrew Walker	
Category: OS	
Target version: 11.1-U6	
Seen in: 11.1-U1	Needs Merging: No
Severity: Low Medium	Needs Automation: No
Reason for Closing:	Support Suite Ticket: n/a
Reason for Blocked:	Hardware Configuration: Super Micro 12 bay.
Needs QA: No	ChangeLog Required: No
Needs Doc: No	

Description

I was able to reproduce this issue where the samba groups no longer are seen in Windows share permissions and only show up as an Unknown SID after altering the freenas hostname. I suspect the Samba server changes the netbios name and alters the main server SID and in turn all of these are orphaned. I ran into this once and found redoing the storage dataset's by scratch and groups fixed it. Yet I am now in production with this and a large amount of data all with the right permissions (just wrong windows SID group permissions it seems). Does anyone else have experience fixing this issue with the least intrusive way on a production system you just altered the hostname of? Is it a bug or is it expected, and how does one fix it with the least interruptions?

This happened in 11.0, and I am on 11.1-U1 which it happened again.

Also fixsid.py looked like it fixed the group issue, yet then the username was just an SSID in windows. I had to actually change the user id number for that user and then re-do the storage setup with permissions / run recursively to make the user work again. I am not sure why, I just know that things break when changing the hostname consistently.

Thanks!

Related issues:

Related to FreeNAS - Bug #39628: Fix function for storing SIDs

Done

History

#1 - 01/30/2018 06:16 AM - Dru Lavigne

- Category set to OS
- Assignee changed from Release Council to John Hixson
- Target version set to 11.2-RC2
- Seen in changed from 11.1-U1 to 11.1-U1

#2 - 03/28/2018 11:22 PM - John Hixson

- Assignee changed from John Hixson to Timur Bakeyev

#3 - 04/16/2018 02:23 PM - Nick Wolff

- Severity set to Low Medium

#4 - 06/13/2018 08:58 AM - John Hixson

- Assignee changed from Timur Bakeyev to John Hixson

#5 - 06/14/2018 02:19 PM - John Hixson

- Assignee changed from John Hixson to Andrew Walker

Andrew, since you're currently into the group mapping code, you can fix this as well ;-)

#6 - 07/09/2018 03:51 AM - Andrew Walker

- Status changed from Not Started to In Progress

#7 - 07/09/2018 03:51 AM - Andrew Walker

PR for Master - <https://github.com/freenas/freenas/pull/1497>
another master PR: <https://github.com/freenas/freenas/pull/1597>

#8 - 07/09/2018 04:07 AM - Andrew Walker

It looks like we were storing the local SID in a temporary copy of the freenas config file rather than updating the actual freenas config. Regression introduced in <https://github.com/freenas/freenas/commit/b8a034>

#9 - 07/09/2018 05:09 AM - Dru Lavigne

- Target version changed from 11.2-RC2 to 11.2-BETA2

#10 - 07/10/2018 10:19 AM - Dru Lavigne

- Subject changed from When I rename the system hostname the group mapping for SAMBA breaks to Write local SID to correct DB file
- Status changed from In Progress to Ready for Testing
- Needs Doc changed from Yes to No
- Needs Merging changed from Yes to No

#12 - 07/17/2018 11:40 AM - Bonnie Follweiler

- Status changed from Ready for Testing to Passed Testing
- Needs QA changed from Yes to No

Test Passed in FreeNAS-11.2-MASTER-201807171249
(Build Date: Jul 17, 2018 15:52)

#13 - 07/17/2018 12:44 PM - Dru Lavigne

- Status changed from Passed Testing to Done

#14 - 07/26/2018 10:52 AM - Dru Lavigne

- Related to Bug #39628: Fix function for storing SIDs added

#15 - 07/26/2018 10:55 AM - Dru Lavigne

- Status changed from Done to Ready for Testing
- Needs QA changed from No to Yes

#17 - 07/26/2018 01:17 PM - Dru Lavigne

Method to test:

1) clear sid from freenas-v1.db

```
sqlite3 /data/freenas-v1.db 'UPDATE services_cifs SET cifs_SID = "";
```

2) run the smb4.conf generation script

```
/usr/local/libexec/nas/generate_smb4_conf.py
```

3) Verify that the SID was written to the db file correctly

sqlite3 /data/freenas-v1.db "SELECT cifs_SID from services_cifs;"

#18 - 07/26/2018 01:38 PM - Dru Lavigne

- Status changed from *Ready for Testing* to *In Progress*
- Target version changed from *11.2-BETA2* to *11.1-U6*
- Needs Merging changed from *No* to *Yes*

Stable PR: <https://github.com/freenas/freenas/pull/1599>

#19 - 08/02/2018 10:16 AM - Dru Lavigne

- Status changed from *In Progress* to *Ready for Testing*
- Needs Merging changed from *Yes* to *No*

#20 - 08/14/2018 01:56 PM - Bonnie Follweiler

- Status changed from *Ready for Testing* to *Passed Testing*
- Needs QA changed from *Yes* to *No*

Passed Testing in FreeNAS-11.1-U6-INTERNAL3

#21 - 08/15/2018 04:31 AM - Dru Lavigne

- Status changed from *Passed Testing* to *Done*