

FreeNAS - Feature #40684

Allow NIS to be ID provider for Active Directory

08/03/2018 11:33 AM - John Hixson

Status:	Done	Estimated time:	0.00 hour
Priority:	No priority		
Assignee:	John Hixson		
Category:	Services		
Target version:	11.1-U6		
Severity:	New	Needs Merging:	No
Reason for Closing:		Needs Automation:	No
Reason for Blocked:		Support Suite Ticket:	n/a
Needs QA:	No	Hardware Configuration:	
Needs Doc:	No		

Description

In addition to autorid, rid, ad, etc. idmap backends. It's possible in samba to use external directory services to provide IDs for domain users. We have at least two customers that want this, and in general it's a good feature to have.

We can mostly support this out of the box with new ui in the nightlies as far as I can tell. I have it working in a test environment. The only code change I had to make was as follows:

```
root@catherder:/usr/local/lib/python3.6/site-packages/middlewared/etc_files # diff -u nsswitch.conf.orig nsswitch.conf
--- nsswitch.conf.orig      2018-07-06 19:02:32.698539683 -0400
+++ nsswitch.conf          2018-07-06 19:02:52.887779423 -0400
@@ -20,10 +20,6 @@
     passwd = ['files']
     sudoers = ['files']

-     if ad_enabled or dc_enabled:
-         group.append('winbind')
-         passwd.append('winbind')
-
+     if ldap_enabled:
+         ldap_anonymous_bind = safe_call('notifier.common', 'system', 'ldap_anonymous_bind')
+         ldap_sudo_configured = safe_call('notifier.common', 'system', 'ldap_sudo_configured')
@@ -41,6 +37,10 @@
     group.append('nis')
     hosts.append('nis')
     passwd.append('nis')
+
+     if ad_enabled or dc_enabled:
+         group.append('winbind')
+         passwd.append('winbind')
%>

group: ${' '.join(group)}
```

This allowed me to set up NIS and LDAP as ID providers with a slightly customized smb4.conf file and the idmap_nss backend.

Related issues:

Copied from FreeNAS - Feature #36963: Allow NIS to be ID provider for Active ...

Done

Associated revisions

Revision 1678eb88 - 08/03/2018 11:34 AM - Andrew Madrid

Place winbind after nis and ldap in nsswitch.conf

(cherry picked from commit 1c925b36cc749de86ca7b14581a4e5a490e2fd80)

(11.1-stable)
Ticket: #40684

History

#1 - 08/03/2018 11:33 AM - John Hixson

- Copied from Feature #36963: Allow NIS to be ID provider for Active Directory added

#2 - 08/03/2018 01:29 PM - John Hixson

11.1-stable PR: <https://github.com/freenas/freenas/pull/1636>

#4 - 08/05/2018 11:06 AM - Dru Lavigne

- Status changed from Unscreened to In Progress
- Assignee changed from Andrew Walker to John Hixson
- Needs QA changed from No to Yes
- Needs Merging changed from No to Yes

#5 - 08/06/2018 02:34 PM - Dru Lavigne

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

#6 - 08/10/2018 12:24 PM - Bonnie Follweiler

- File Screen Shot 2018-08-10 at 3.22.22 PM.png added
- Status changed from Ready for Testing to Failed Testing

Testing in FreeNAS 11.1-U6Internal2

#7 - 08/13/2018 01:02 PM - Dru Lavigne

- Category changed from OS to Services

#8 - 08/17/2018 09:38 AM - Bonnie Follweiler

- File Screen Shot 2018-08-17 at 12.37.32 PM.png added
- Status changed from Failed Testing to Passed Testing
- Needs QA changed from Yes to No

Passed Testing in FreeNAS 11.1-U6 Internal5

#9 - 08/18/2018 06:19 AM - Dru Lavigne

- Status changed from Passed Testing to Done

Files

Screen Shot 2018-08-10 at 3.22.22 PM.png	63.3 KB	08/10/2018	Bonnie Follweiler
Screen Shot 2018-08-17 at 12.37.32 PM.png	43.9 KB	08/17/2018	Bonnie Follweiler