Calculate Linux - Support # 733: LDAP, /etc/nsswitch.conf

Status:	Closed	Priority:	Normal
Author:	Aleksey Vasilyevich	Category:	Calculate Linux Desktop KDE
Created:	04/04/2015	Assignee:	
Updated:	04/17/2015	Due date:	
Subject:	LDAP, /etc/nsswitch.conf	!	
Description:	<pre><</pre>		
	cat /etc/gentoo-release		
	Calculate Linux Desktop 14.16 KDE		
	<pre></pre>		
	uname -a		
	Linux calculate 3.18.9-calculate #1 SMP PREEMPT Fri Mar 13 17:20:01 UTC 2015 x86_64 Intel(R		
	Core(TM) i5-3317U CPU @ 1.70GHz GenuineIntel GNU/Linux		
	Đ"Đ¾Đ»Đ³Đ°Ñ• Đ∙Đ°Đ³Ñ€ÑƒĐ∙аа Ñ•Đ¸Ñ•Ñ,ĐμĐ¼Ñ‹, и Đ°Đ²Ñ,Đ¾Ñ€Đ¸Đ∙Đ°Ñ†Đ¸Ñ		
	Đ¿Đ¾Đ»ÑŒĐ⋅Đ¾Đ²Đ°Ñ,ĐμĐ»Ñ•, Đ² Đ»Đ¾Đ³Đμ /var/log/messages Ñ€ÑƒĐ³Đ°ĐμÑ,ѕѕ LDAl		
	http://pastebin.calculate-linux.ru/ru/show/10736.		
	<pre><pre></pre></pre>		
	rc-update -a		
	·		
	slapd default		
	Đ•Đ¾ Đ¿Đ¾Ñ•Đ»Đμ Đ¿ĐμÑ€ĐμĐ∙Đ°Đ³Ñ€Ñ f Đ·Đ⁰и Đ¾Đ½ Đ½Đμ Đ∙Đ°Đ¿Ñ f щĐμĐ½		
	<pre><</pre>		
	/etc/init.d/slapd status		
	* status: stopped		
	4,41		
	Đ² Ñ€ÑƒÑ‡Đ½ÑƒÑŽ Ñ•Ñ,Đ°Ñ€Ñ,ÑƒĐµÑ,		
	<pre></pre>		
	/etc/init.d/slapd start		
	* Starting Idap-server		
	Đ»Đ¾Đ³ Đ¿Đ¾Ñ•Đ»Đµ Ñ•Ñ,Đ°Ñ€Ñ,а		
	<pre></pre>		
	Apr 4 16:47:45 calculate slapd[27345]: @(#) \$OpenLDAP: slapd 2.4.38 (Mar 30 2015 19:50:18) \$		
	@sandhov:/var/calculate/tmn/nortage/net-nds/openIdan-2 4 38-r2/work/openIdan-2 4 38-abi v86 64 amd64/		
	@sandbox:/var/calculate/tmp/portage/net-nds/openIdap-2.4.38-r2/work/openIdap-2.4.38-abi_x86_64.amd64/servers/slapd		
	Apr 4 16:47:45 calculate slapd[27347]: hdb_db_open: warning - no DB_CONFIG file found in directory		
	/var/lib/openIdap-data: (2).		
	Expect poor performance for suffi	x "dc=my-domain,dc=com"	

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Apr 4 16:47:46 calculate slapd[27347]: slapd starting

ls -l /etc/nsswitch.conf -rw-r--r-- 1 root root 700 аĐ¿Ñ€ 2 18:35 nsswitch.conf

Đ£Đ´Đ°Đ»Đ¸Đ» Ñ"аĐ¹Đ» /etc/nsswitch.conf, Đ¿Đ¾Ñ•Đ»Đμ чĐμĐ³Đ¾ Đ¿Ñ€Đ¾Ñ†ĐμѕѕĐ·Đ°Đ³Ñ€ÑƒĐ∙аи Đ、аĐ²Ñ,Đ¾Ñ€Đ¸ĐацĐ,и и ĐčĐ¾Ñ...Đ¾Đ´Đ¸Ñ, Đ½Đ¾Ñ€Đ¼Đ°Đ»ÑŒĐ½Đ¾.

cat /etc/nsswitch.conf

#-----

Modified Calculate-core 3.3.1.7

Processed template files:

/var/lib/layman/calculate/profiles/templates/3.3/2_ac_install_merge/sys-libs/glibc/nsswitch.conf

For modify this file, create /etc/nsswitch.conf.clt template.

passwd: files Idap files Idap shadow: files Idap group: hosts: files dns networks: files dns services: files Idap protocols: files Idap rpc: db files db files ethers: netmasks: files netgroup: files Idap bootparams: files automount: files Idap

aliases: files

History

04/05/2015 12:10 am - Scott Bertilson

I just ran into a similar problem in that I recently installed 14.12.1, had not updated for a few weeks, then updated last night; NOW I see a LOT of this sort of thing in /var/log/messages:

nss_Idap: failed to bind to LDAP server

Comparing with another instance (not yet updated) of CLDX, I see that, although it lists Idap in nsswitch.conf, it is missing /etc/Idap.conf so there is a quick end to attempts by pam_Idap to contact the LDAP server:

pam_ldap: missing file "/etc/ldap.conf"

This file is included with sys-auth/nss_ldap-265-r5 which is installed on both my non-updated and my updated host, but in my non-updated host /etc/ldap.conf isn't actually there.

I'm guessing that something changed in the templating / configuration setup which now allows the file to actually exist on the system....?

04/05/2015 01:29 am - Scott Bertilson

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I'd see this as related or similar to the following from 7 months ago:

http://www.calculate-linux.org/boards/15/topics/26673

[openIdap] nss_Idap failed to bind to LDAP (solved)

His solution was to edit /etc/nsswitch.conf to eliminate Idap from all the name services that had been using it. This seems like a reasonable approach to me, but I'd like to know if that's what would be the best approach (creating a template override to make it permanent).

04/05/2015 09:20 am - Scott Bertilson

Is there any way to create a template that would strip Idap from nsswitch.conf unless there is an Idap server running or is there some other trigger that might be used so that this could be automatic?

04/06/2015 09:17 pm - Scott Bertilson

Or, better yet, is there a way to modify the settings in /etc/ldap.conf or the behavior of nss_ldap so that it more quickly discerns that there is no LDAP server available to query and moves on to the next available name service source?

04/08/2015 10:11 am - Mikhail Hiretsky

Fixed in templates for nss_ldap (removing ldap.conf).

04/09/2015 09:03 pm - Scott Bertilson

Thanks for the fix.

Could you comment (or point me to something to read) on how this would be re-applied if one were to install and try to activate a local LDAP server to answer these queries? Would the normal process be to create a local override for the template to keep the file from being removed?

04/10/2015 10:39 am - Mikhail Hiretsky

If you want to configure Idap.conf then you should create /etc/Idap.conf.clt file with contents

Calculate merge(sys-auth/nss_ldap)!=&&pkg(sys-auth/nss_ldap)!=

you configuration data

04/17/2015 03:01 pm - Alexander Tratsevskiy

- Status changed from New to Closed

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