

Error when join Qnap NAS to ClearOS Domain

Posted by Luke Healey - 2010/08/17 19:16

Hi all -

i'm trying to get my Qnap NAS attached to my domain.

this is the error i recieve from the Qnap box:

Microsoft network settings failed. Please check the DNS server, domain name, and user name and password for logging in the domain.

```
===== DEBUG START =====
```

```
/usr/local/samba/bin/net time set -S server.datalab.co.nz
```

```
echo ***** | /usr/bin/kinit "winadmin@DATALAB.CO.NZ"
```

```
kinit(v5): Cannot contact any KDC for requested realm while getting initial credentials
```

```
echo ***** | /usr/bin/kinit "winadmin@DATALAB.CO.NZ"
```

Any ideas on this?

My Config:

```
ClearOS domain:          datalab.co.nz
ClearOS server           hostname: server
Windows Domain:         HOME
Windows DNS Lookup:     home.datalab.co.nz
```

Qnap Windows Domain Config:

Server Description (Optional):

```
Domain NetBIOS Name:    HOME
```

```
AD Server Name:        server
```

```
Domain:                datalab.co.nz
```

Organization Unit (Optional):

```
Domain Administrator Username: winadmin
```

```
Domain Administrator Password: *****
```

-yes, i have DNS, NTP, WINS configured correctly on the Qnap box = all pointing to server IP

Re: Error when join Qnap NAS to ClearOS Domain

Posted by Paul Gale - 2010/12/19 06:10

Did you get this to work? I'm having the same problem.

Re:Error when join Qnap NAS to ClearOS Domain

Posted by Steve Lennox - 2011/11/07 18:09

Anyone manage to resolve this ? We are in the process of bringing up a ClearOS system as a PDC to replace the existing Windos2008 DC.

We have (2) QNAP NAS boxes running without a problem in Active directory... but LDAP / Samba access control to these is not working out at all.... Worst case ...is there a way to "flexshare" the NAS folder shares and maintain some sort of read / write / access control ?

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Re>Error when join Qnap NAS to ClearOS Domain

Posted by herballizard - 2011/11/19 16:56

Just thinking about something different but have you thought about using issci option of your qnap and creating lun then try to get the flexshare to use it as storage instead? Not sure if its possible

As opposed to adding the unit to the domain as a workstation esk type of device via samba

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Re>Error when join Qnap NAS to ClearOS Domain

Posted by Steve Lennox - 2011/11/30 17:21

The device has 5TB of DATA on the array... it appears , in order create an ISSCI system we need to format the array and start from scratch.. not an option at this time.

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Re>Error when join Qnap NAS to ClearOS Domain

Posted by Duncan Rix - 2012/01/02 13:00

Hi Guys

Thought Id share this with you all though this appears to be an old post!

For Christmas I got a Qnap TS-412 and have spent the past 24 hour trying to connect it to my ClearOS server's LDAP.

After many hours of not really getting any where and realising that Qnap logs where not giving an error's when joining. I started to look more at the LDAP server its self.

I ran the first command listed here under the heading "Accessing the LDAP Directory via Command Line".

Using the info listed I found my Qnap NAS in there all ready connected. So after some more perusing of the command line output I found where my user accounts where.

So for Users Base DN I used

ou=Users,ou=Accounts,dc=example,dc=co,dc=uk

and for Group Base DN

ou=Groups,ou=Accounts,dc=example,dc=co,dc=uk

I can now see all my user's and group's from the Qnap YAY

Now thats as far as iv got so far so iv not tested adding a domain user and file share, I was just well chuffed to have it working. Hope this helps you all, and I shall report back after more testing.

Happy new Year all

Re:Error when join Qnap NAS to ClearOS Domain

Posted by Steve Lennox - 2012/01/02 13:34

SWEET! Good work...

I'll check it out...

Steve Lennox
HeavyH2O.com
QNAP TS-859 Pro+ TurboNAS
3.5.2 Build 1126T

Re:Error when join Qnap NAS to ClearOS Domain

Posted by Alexander Gehrler - 2014/07/04 05:05

I know that this thread is old. But I think it could be an important Information:

The connection to the QNAP with ldap works fine and you see the clearos-users and groups. But the qnap does not have the Information who is member in the groups.

You can test it on the qnap-shell with getent group:

```
# getent group
administrators:x:0:admin,alex
everyone:x:100:admin
guest:x:65534:guest
allusers:*:63000:
guests:*:1000546:
domain_admins:*:1000512:
domain_users:*:1000513:
domain_guests:*:1000514:
domain_computers:*:1000515:
```

```
administrators*:1000544:  
users*:1000545:  
power_users*:1000547:  
account_operators*:1000548:  
server_operators*:1000549:  
print_operators*:1000550:  
backup_operators*:1000551:  
mygroup*:60012:
```

You see the groups but not the mebmbers. The reason is that in the clearos the groupmembers are explained like this:

member: cn=Alexander Gehrer,ou=Users,ou=Accounts,dc=alexunil,dc=net

The qnap would need an answer like that:

memberUid: alex

I dont have a solution for this. I installed phpLDAPadmin and added the memberUids manually to the groups but this could not be the best Solution.

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Re:Error when join Qnap NAS to ClearOS Domain

Posted by Nick Howitt - 2014/07/04 12:49

@Alexander, O/T PM sent

Never mind, after many weeks I've just worked it out.

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Re:Error when join Qnap NAS to ClearOS Domain

Posted by Alexander Gehrer - 2014/07/06 02:00

@Nick: Thanks for encouraging me

Ok, I find it out: :lol:

On the qnap I had to add 2 lines in the nss_ldap.conf:

```
nss_schema    rfc2307bis  
nss_map_attribute uniqueMember member
```

Hope it helps someone. I spent many hours for this (simple) solution.

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