

Joining Active Directory Error

<https://www.truenas.com/community/threads/joining-active-directory-error.97316/>

Hi everyone,

Im kinda new to TrueNAS and I'm working on a small proof of concept for school.

I'm stuck with one problem: When I'm trying to join my domain it gives this error:

1639072925931.png
Image not found or type unknown

I can ping the domain and the domain controller.

Anyone knows a fix?

[anodos](#)
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[anodos](#)

Sambassador

iXsystems

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Mar 6, 2014

Messages

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What version is this?

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[bartqn4](#)

Dabblers

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anodos said:

What version is this?

12.0

[Samuel Tai](#)

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Samuel Tai

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Moderator

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Apr 24, 2020

Messages

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What's the full version? 12.0 doesn't tell us that much.

Show : 13.0-U5.3 build, running since 9.3 (2015)

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[bartqn4](#)

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[Samuel Tai](#) said:

What's the full version? 12.0 doesn't tell us that much.

CORE 12.0

Is that the full version name?

[Samuel Tai](#)
Profile not found or type unknown

Samuel Tai

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[bartqn4](#) said:

CORE 12.0

Is that the full version name?

What does the version show in System Information widget in the Dashboard? We're looking for something like 12.0-U7.

Show : 13.0-U5.3 build, running since 9.3 (2015)

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Samuel Tai said:

What does the version show in System Information widget in the Dashboard?
We're looking for something like 12.0-U7.

12.0-U5

[Samuel Tai](#)
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Samuel Tai

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For the domain account name, try just the account without the domain in front. It's probably prepending the domain in front of your domain\account, so of course there won't be an account

matching domain\domain\account.

Show : 13.0-U5.3 build, running since 9.3 (2015)

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anodos

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12.0-U5

update to U7, there is a critical winbindd security vulnerability in U5, otherwise Samuel Tai is right. Later versions also have better error reporting.

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[Samuel Tai said:](#)

For the domain account name, try just the account without the domain in front. It's probably prepending the domain in front of your domain\account, so of course there won't be an account matching domain\domain\account.

I tried that already, didn't work

B

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[anodos said:](#)

update to U7, there is a critical winbindd security vulnerability in U5, otherwise Samuel Tai is right. Later versions also have better error reporting.

Did this, same error. Should be something with the domain account then right?

[Samuel Tai](#) Signature found or type unknown

[Samuel Tai](#)

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Are you leaving the \ in front of the account?

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Samuel Tai said:

Are you leaving the \ in front of the account?

Both not working, so DOMAIN\Administrator and Administrator not working

[Samuel Tai](#)
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[Samuel Tai](#)

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How is your domain set up? This smells like password authentication for Administrator has been disabled.

Also, have you looked at the manual?

<https://www.truenas.com/docs/core/directoryservices/activedirectory/>

You've already stated DNS is working. How about NTP? Are you sync'ed to the DC? Are you using the NetBIOS domain or the DNS domain for your forest?

Show : 13.0-U5.3 build, running since 9.3 (2015)

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Samuel Tai said:

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Also, have you looked at the manual?

<https://www.truenas.com/docs/core/directoryservices/activedirectory/>

You've already stated DNS is working. How about NTP? Are you sync'ed to the DC? Are you using the NetBIOS domain or the DNS domain for your forest?

Yes, NTP is enabled. I think I'm using the DNS domain.
How do I check password authentication option?

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anodos

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The particular place you're failing at is when we try to kinit to get a kerberos ticket. You can try to kinit from CLI by running command ``kinit administrator@fqdn``. It might give more useful information.

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anodos said:

The particular place you're failing at is when we try to kinit to get a kerberos ticket. You can try to kinit from CLI by running command `kinit administrator@fqdn`. It might give more useful information.

 unknown

I haven't set up Kerberos or anything tho, should I do that? Kinda new to this stuff.

[Samuel Tai](#) unknown

Samuel Tai

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AD *requires* Kerberos. No wonder it's not working. You're just trying to join an ordinary domain.

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• #19

Samuel Tai said:

AD *requires* Kerberos. No wonder it's not working. You're just trying to join an ordinary domain.

Thanks! Will try that tomorrow

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anodos

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• #20

AD *requires* Kerberos. No wonder it's not working. You're just trying to join an ordinary domain.

In theory if you have properly-functioning DNS, the OS kerberos client should allow you to kinit if you specify the FQDN. This probably indicates a DNS issue. Perhaps relevant SRV records for kerberos are not able to be queried through the configured nameservers.

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