

# LDAP authentication and multiple domains

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[Scott MacDonald](#) 69 posts since

Mar 17, 2006

We moved our server from a windows box to a linux box, and we found that the NTDomain authentication would no longer work for people who weren't in the default domain.

So I started configuring LDAP. However, I've run into some issues, it seems like all the items to help with user ids are setup as if only one domain exists.

The `teamcity.users.login.capture=DOMAIN_A\\(.*)`

I can't get this to use multiple domains, if i do `(DOMAIN_A|DOMAIN_B)\\(.*)` then the username is passed in as `DOMAIN_A\userid`, which means all the users we have linked & their roles won't work anymore. I'm not sure how this thing is doing regex to know that `DOMAIN_A\\(.*)` goes to just the user id, and the other patterns do not.

I tried to use the `teamcity.users.acceptedLogin` property instead of the capture as in the web docs, but it didn't do anything, still saw users login as `DOMAIN\userid`

Is there any way we can get the NTDomainAuthentication working under linux like it did in windows? I know in windows we had that `ntlm.compatibilityMode=true` setting that worked great for us. People could login with the default domain, or put in the `domain\userid`. nice and flexible. I'd really like to get back to that.

I did notice for ldap that if you use the `teamcity.auth.formatDN` setting, you dont' have to enter the domain, but you screw over other domains as team city isn't smart enough to

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realize that DOMAIN\_A\userid shouldn't be translated to DOMAIN\_A\DOMAIN\_A\userid. If it did, this would solve most of my problems. As 95% of my users are on DOMAIN\_A.

I've attached a sample of what i have going now.

Thanks!

-Scott MacDonald

**Attachments:**

- [ldap-config.properties.zip](#) (626 bytes)



[Pavel Sher](#) 2,148 posts since

Mar 6, 2008 1. **Re: LDAP authentication and multiple domains** Feb 9, 2010 1:31 PM

Have you tried to work without ntlm.compatibilityMode ? If set to true then native authentication using native code will be used and obviously it will not work under Linux. If set to false, then TeamCity will use jcifs (<http://jcifs.samba.org/>) which should work under Linux too. jCifs has some configuration settings that might help in your situation, see <http://jcifs.samba.org/src/docs/api/overview-summary.html#scp>

Any jcifs related property specified in ntlm-config.properties file will be passed to jCIFS library.



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Mar 17, 2006 2. **Re: LDAP authentication and multiple domains** Feb 9, 2010 6:37 PM

That is how we are currently setup on our server everyone is using, which led to this problem. Under linux with ntcompatilby off, the default domain works, but no other does.



[Pavel Sher](#) 2,148 posts since

Mar 6, 2008 3. **Re: LDAP authentication and multiple domains** Feb 9, 2010 6:43 PM

Have you tried to specify fqdn of the domain server host? I.e. if domain server DNS name is some.host.com, have you tried to login using: some.host.com\username ?



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## LDAP authentication and multiple domains

Mar 17, 2006 4. **Re: LDAP authentication and multiple domains** Feb 9, 2010 6:48 PM

That worked! Its a little irritating, but it worked. Let me see if the guys in the 2nd domain work too.



[Pavel Sher](#) 2,148 posts since

Mar 6, 2008 5. **Re: LDAP authentication and multiple domains** Feb 9, 2010 6:53 PM

I can guess that jCIFS tries to locate windows domain servers using DNS lookups. You can add domain names to /etc/hosts on the TeamCity server to be able to use short names.



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Mar 17, 2006 6. **Re: LDAP authentication and multiple domains** Feb 9, 2010 6:43 PM

I've looked through the JCIFS stuff but nothing is popping out as what i can use to make sure the userid gets processed correctly. Currently with the NTDomain, the user can type in their username and the default domain figures it out. But if i type in DOMAIN\_A\userid, it doesn't know what i'm talking about with the ntcompatibility turned off.

If you have any pointers, let me know.