With the switch from Pear Net_LDAP2 to Zend\Ldap, the LDAP authentication to the AD is broken in Tiki 19.1.

With exactly the same configuration as with Tiki 18.3, I get this error message in the Action Log:

```
Error: 0x31 (Invalid credentials; 80090308: LdapErr: DSID-0C090400, comment: AcceptSecurityContext error, data 52e, v1db1):
sAMAccountName=wiebe.oudshoorn,cn=users,dc=moba-bv,dc=local at line 262 in D
```

I have done some research with WireShark to inspect the packages from and to the LDAP server, when someone logs in to the wiki:

Tiki 18.3:
It's very clear where this is going wrong. It's trying to do a bind request with only the username instead of `username at domain.url` (row 355 in 18.3 screenshot vs row 239 in 19.1 screenshot).

Although LDAP bind type is set to 'AD', so according to `lib\auth\ldap.php` row 184 it should add the correct information to the bind request instead of performing a 'plain' bind.

My LDAP settings:

![My LDAP settings](image)

- **Importance**: 8
- **Easy to solve?**: 5
- **Priority**: 40
- **Demonstrate Bug**: This bug has been demonstrated on show2.tikiwiki.org

**SVN update**

- **Ticket ID**: 7050
- **Created**: Monday 25 March, 2019 15:20:30 GMT-0000
- **LastModif**: Monday 19 August, 2019 11:32:11 GMT-0000

**Comments**

**Marc Laporte** 26 Mar 19 14:38 GMT-0000

Thanks for reporting and sorry about that.  
https://pear.php.net/package/Net_LDAP2/ was no longer maintained so we had to make a change.

We are looking into this. And thank you for your very detailed report.
Thank you for looking into this issue! If there is anyway I can assist, please let me know.

Hi Marc, any news on this bug?

Hi, can you test these versions:

- trunk: https://sourceforge.net/p/tikiwiki/code/69985
- 19.x: https://sourceforge.net/p/tikiwiki/code/69986

It should be back using user@domain for binding, when selecting Active Directory binding type.

Hi Ricardo,

Unfortunately I get this message:

```
__ Error
Email cannot be set because this email is already in use by another user__
```

And I'm not able to login.

Hi Wiebe,

Just to make sure I understand, you upgrade the instance (same DB) from 18.3 to 19.1 and now the same user/password cannot be used.

(The error above sounds like tiki is attempting to create a new user)
Hi Ricardo,

Sorry for my late reply, I didn't get a notification of your reply somehow?

I did indeed upgrade same DB from 18.3 to 19.1, same settings.
Trying to login a random AD user who already has logged in 18.3 by using his AD account.

Is it helpful to capture new traces with Wireshark?

I was comparing 18.x and 19.x/20.x/trunk and indeed there is a difference in the case of the attributes (that can easily justify this behaviour).

Do you mind testing with one of the latest version?
trunk:
https://sourceforge.net/p/tikiwiki/code/7017

20.x:
https://sourceforge.net/p/tikiwiki/code/7017

19.x:
https://sourceforge.net/p/tikiwiki/code/7017
Marc Laporte 19 Aug 19 11:30 GMT-0000

Should be fixed in latest 20.x (reported via email)

Attachments

<table>
<thead>
<tr>
<th>filename</th>
<th>created</th>
<th>hits</th>
<th>comment</th>
<th>version</th>
<th>filetype</th>
</tr>
</thead>
</table>

No attachments for this item

The original document is available at https://dev.tiki.org/item7050-LDAP-authentication-to-AD-broken