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I The print CSS took over when I printed this out. But it nevertheless helps visualize the ldap authorization options and user interface I have going thus far. Feedback please!

LDAP to drupal role Mapping Configuration

LDAP Server used in drupal role mapping.

College of Education Local LDAP

Only apply the following LDAP to drupal role authorization mapping to users authenticated via LDAP.

Part I. How are drupal role names derived from LDAP data?
First, we need to configure how LDAP data is used to derive drupal role names. One or more of the following 3 approaches may be used.

I.A. Derive drupal role from DN

drupal role is derived from user's DN

Check this option if your users' DNs look like `cn=jdoe,ou=Group1,cn=example,cn=com` and `Group1` turns out to be the drupal role_short you want.

Attribute of the DN which contains the role name

ou

The name of the attribute which contains the role name. In the example above, it would be `ou`, as the DN contains the string `ou=Group1` and `Group1` happens to be the desired role name.

I.B. Derive drupal roles by attribute

roles are specified by LDAP attributes

Attribute names (one per line)

```
memberOf
```

If the roles are stored in the user entries, along with the rest of their data, then enter here a list of attributes which may contain them.

I.C. Derive drupal roles from entry

☐ roles exist as LDAP entries where a multivalued attribute contains the members' CNs

LDAP DNs containing roles (one per line)

Enter here a list of LDAP nodes from where roles should be searched for. The module will look them up recursively from the given nodes.

Attribute holding roles members

Name of the multivalued attribute which holds the CNs of roles members, for example: memberUid

Part II. Mapping and White List.

The rules in Part I. will create a list of drupal role names. The next field allows you to transform the drupal role names derived in Part I. By checking the checkbox below it, the same list can be used as a white list to limit which drupal role names are mapped from LDAP.

II.A.LDAP to drupal role mapping and filtering

@todo (this needs some rewriting. Its fuzzy. This module automatically decides the drupal roles based on

- LDAP group: Admins => drupal role: Admins
- LDAP group: ou=Underlings,dc=myorg,dc=mytld => drupal role: Underlings.

Mapping of LDAP to drupal role

```
Campus Account|campus accounts
Ed IT Nag|nag
```

Enter a list of LDAP groups and their !consumer_name mappings, one per line with a | delimiter. Should be in the form [ldap group]|[!consumer_name] such as:
cn=ED IT NAG Staff,DC=ad,DC=uiuc,DC=edu|admin
cn=Ed Webs UIUC Webmasters,DC=ad,DC=uiuc,DC=edu|committee member

☑ Use LDAP group to drupal roles filtering

If enabled, only above mapped LDAP groups will be mapped to !consumer_name_plural. If not enabled, a !consumer_name will be created for every ldap group the user is associated with.

III.A. Map in both directions.

☐ Check this option if you want LDAP data to be modified if a user has a drupal role. In other words, synchronize both ways. For this to work the ldap server needs to writeable, the right side of the mappings list must be unique, and I.B or I.C. derivation must be used.

III.B. When should drupal roles be synchronized?

☑ When a user logs on

☐ Manually or via another module

"When a user logs on" is the common way to do this. Manually may make sense in the following cases:

- If you are testing how you mappings would work on a test server and don't want to keep logging on.
- You have another module that is using this module as an API.
- You are just using LDAP Authorization to get the site going then want to deal with drupal role names via the drupal interface.

III.C. What actions would you like performed when drupal roles are synchronized?

☑ Revoke drupal roles created by LDAP Authorization

☐ Revoke drupal roles NOT created by LDAP Authorization

☑ Create drupal roles if they do not exist.

Think about these.

Update