

Table of Contents

ADFS User Mapping Contrib.	1
Installation Notes.....	1
Restricting Access.....	1
Controlling access to a Web or Topic.....	1
Test Cases.....	2


ADFS User Mapping Contrib

This module is written to use the information which comes from SSO authentication server.

From there we can use a lot of variables like groups, names and mailing lists.

The idea is to use the available group-information of each user to protect Twiki Webs and / or Twiki Topics.

With this module the users are now allowed to restrict their pages from unauthorized viewing by setting the twiki access control commands (AllowView, DenyView, AllowChange, Denychange) to one of the e-groups from NICE environment.

 **Tip:** <http://twiki.org/cgi-bin/view/TWiki/TWikiAccessControl> on Twiki.org has additional documentation on access control.


Installation Notes


- download ADFSUserMapping.pm (save link as..)
- copy or move the module in your Twiki root directory
/twiki/lib/TWiki/Users/
- open LocalSite.cfg from directory /twiki/lib/
- rename `$TWiki::cfg{UserMappingManager} = 'TWiki::Users::TWikiUserMapping'` to
`$TWiki::cfg{UserMappingManager} = 'TWiki::Users::ADFSUserMapping'`


Restricting Access

You can define who is allowed to read or write to a web or a topic. Note that some plugins may not respect access permissions.

- Restricting VIEW blocks viewing and searching of content. When you restrict VIEW to a topic or web, this also restricts INCLUDE and Formatted SEARCH from showing the content of the topics.
- Restricting CHANGE blocks creating new topics, changing topics or attaching files.

 **Attention:** Restricting a whole WEB from viewing for a certain group also restricts Guests from viewing!!

 **Important:** Protecting pages by using ADFS groups is case insensitive, but requires strict matching! Be sure to write the group name correct. In case, no warning will appear and you might restrict yourself, if misspelled.

 **Attention:** Group has to be written entirely. e.g only "IT" out of IT-DEP-DES causes no protection.

Controlling access to a Web or Topic

You can define restrictions on who is allowed to view a Twiki web or topic.

ADFSUser Mapping < Main < TWiki

You can define these settings in the WebPreferences topic, topic preferences or preferable towards the end of the topic:

web:

- Set ALLOWWEBVIEW = < comma-delimited list of Users, Groups and/or ADFS-Groups >
- Set DENYWEBCHANGE = < comma-delimited list of Users, Groups and/or ADFS-Groups >
- Set ALLOWWEBCHANGE = < comma-delimited list of Users, Groups and/or ADFS-Groups >

topic:

- Set ALLOWTOPICVIEW = < comma-delimited list of Users, Groups and/or ADFS-Groups >
- Set DENYTOPICCHANGE = < comma-delimited list of Users, Groups and/or ADFS-Groups >
- Set ALLOWTOPICCHANGE = < comma-delimited list of Users, Groups and/or ADFS-Groups >

examples:

- ♦ Set ALLOWWEBVIEW = TwikiAdminGroup, NICE Users, IT-DEP-DES, Main.RegistredUser, ..
♦ Set ALLOWWEBVIEW = NiCe UseRs, it-dep-des
- ♦ Set ALLOWTOPICVIEW = TwikiAdminGroup, CERN Users
♦ Set ALLOWTOPICVIEW = TwikiGuest, CERN Users
♦ Set DENYTOPICCHANGE = AlexanderBernegger

...

Test Cases

Access control set in a TWiki topic:

- Test the group with ALLOWTOPICVIEW, ALLOWTOPICCHANGE, DENYTOPICVIEW, DENYTOPICCHANGE.
- Test with a the user in a TWikiGroup and also in a ADFS group.
- Test with DENY from one group and ALLOW from another. What happens if you are in both groups?
- Test with the ADFS group in its various formats. Uppercase, lowercase, with a group email address etc

Access control set in a TWiki WebPreferences:

- Test the group with ALLOWWEBVIEW, ALLOWWEBCHANGE, DENYWEBVIEW, DENYWEBCHANGE.
- Test with a the user in a TWikiGroup and also in a ADFS group.
- Test with DENY from one group and ALLOW from another. What happens if you are in both groups?
- Test with the ADFS group in its various formats. Uppercase, lowercase, with a group email address etc
- Test if the settings in the WebPreferences are overwritten by settings in a topic.

Test results: TestResults

Test documentation (.doc): test_addon Alex Bernegger

EgroupPluginTests

Flowchart: DisplayTopic

Controlling access to a Web or Topic

Usecases for ADFSUserMapping: UseCases

Tests with real User: UserTests

Old development: OldDevPage

- EgroupTWiki Integration

-- Alexander Bernegger - 2009-09-23

This topic: Main > ADFSUserMapping

Topic revision: r34 - 2010-05-10 - unknown



Copyright &© 2008-2019 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.

Ideas, requests, problems regarding TWiki? Send feedback