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TWiki Access Control

Controlling access on the Site level

- To edit a topic a user will be asked to login using the CERN account
- Most TWiki transactions will require authentication except `views` on public pages.

Controlling access to a Web

We administrators can define restrictions on who is allowed to view or edit inside a TWiki web. For ACLs you can use `TWikiUsers`, `TWikiGroups` and `egroups`. However **egroups** is the preferred and CERN supported method.

- We administrators can define these settings in the `WebPreferences` topic, preferable towards the end of the topic:
 - ◆ `Set DENYWEBVIEW = < comma-delimited list of Users and Groups >`
 - ◆ `Set ALLOWWEBVIEW = < comma-delimited list of Users and Groups >`
 - ◆ `Set DENYWEBCHANGE = < comma-delimited list of Users and Groups >`
 - ◆ `Set ALLOWWEBCHANGE = < comma-delimited list of Users and Groups >`
 - ◆ `Set DENYWEBRENAME = < comma-delimited list of Users and Groups >`
 - ◆ `Set ALLOWWEBRENAME = < comma-delimited list of Users and Groups >`
- All new TWiki webs at CERN are created with the following settings:
 - ◆ `Set DENYWEBVIEW = TWikiGuest`
 - ◆ `Set ALLOWWEBVIEW =`
 - ◆ `Set DENYWEBCHANGE = TWikiGuest`
 - ◆ `Set ALLOWWEBCHANGE = TWikiAdminGroup`
 - ◆ `Set DENYWEBRENAME = TWikiGuest`
 - ◆ `Set ALLOWWEBRENAME =`
- The web administrators are responsible for these settings.

Controlling access to a Topic

- Users can define these settings in any topic, preferable towards the end of the topic:
 - ◆ `Set DENYTOPICVIEW = < comma-delimited list of Users and Groups >`
 - ◆ `Set ALLOWTOPICVIEW = < comma-delimited list of Users and Groups >`
 - ◆ `Set DENYTOPICCHANGE = < comma-delimited list of Users and Groups >`
 - ◆ `Set ALLOWTOPICCHANGE = < comma-delimited list of Users and Groups >`
 - ◆ `Set DENYTOPICRENAME = < comma-delimited list of Users and Groups >`
 - ◆ `Set ALLOWTOPICRENAME = < comma-delimited list of Users and Groups >`
- For example, set this to restrict a topic to be viewable only by the user `JohnDoe`:
 - ◆ `Set ALLOWTOPICVIEW = Main.JohnDoe`
- You may want to completely open up access to a specific topic within a restricted web - allowing access by anybody. There is a special group for that - `AllUsersGroup`. The following setting allows view access to the topic by anybody even if they are not authenticated.
 - ◆ `Set ALLOWTOPICVIEW = AllUsersGroup`
- Alternatively, you can grant access only to authenticated users by `AllAuthUsersGroup`. If an unauthenticated user accesses a topic having the following setting, they are asked to authenticate themselves.
 - ◆ `Set ALLOWTOPICVIEW = AllAuthUsersGroup`

For more details information see `TWikiAccessControl`

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