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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`

For more details information see `TWikiAccessControl`

PeterJones - 2016-11-18

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