My course, my rules

Inma Montero

#mootglobal19
@inmaelearning
Availability restrictions

- “Restrict Access” section when creating or editing an activity or resource. You can choose whether an activity, resource or a complete section is (or not) visible to users.

Adding a new Label

- General
- Common module settings
- Restrict access
  Access restrictions

moodlemoot
Enable availability restrictions (in Administration)

**Advanced features**

Administration / Advanced features

Enable restricted access (in Administration)

- **Default:** Yes

When enabled, this lets you set conditions (based on date, grade, or completion) that control whether an activity or resource can be accessed.

**Manage restrictions**

<table>
<thead>
<tr>
<th>Plugin</th>
<th>Version</th>
<th>Hide/Show</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geolocation condition</td>
<td>2019102800</td>
<td>眼睛符号</td>
</tr>
<tr>
<td>IP address</td>
<td>2019052100</td>
<td>眼睛符号</td>
</tr>
<tr>
<td>Level availability</td>
<td>2018051800</td>
<td>眼睛符号</td>
</tr>
</tbody>
</table>
Activity settings

1. Go to “Restrict Access” section in creation/editing form.
2. Click on “Add restriction” button.
3. Select an availability condition.
4. Config your restriction.
5. Add more conditions or create a set if you want. Go to point 2.
Add restrictions...

- If user doesn’t meet the condition, the activity is:
  - Displayed greyed-out
  - Hidden entirely

Student must match all of the following

<table>
<thead>
<tr>
<th>Displayed</th>
<th>MUST</th>
<th>MUST NOT</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALL</td>
<td>Set</td>
<td>Global</td>
</tr>
<tr>
<td>ANY</td>
<td>Global</td>
<td>Set</td>
</tr>
</tbody>
</table>
Match All/Any: And/Or

Student must match all of the following:

- Date: from 18 November 2019 00:00
- Date: until 20 November 2019 23:55
- Group: G1

Student must match any of the following:

- Date: from 18 November 2019 00:00
- Date: until 20 November 2019 23:55
- Group: G1

Add restriction...
Student must /must not
Logic of restrictions

- Logical connectors: \( \lor \land \leftrightarrow \)
- Meets conditions? (MEET) \( >1 \) restriction

### ALL (AND)

<table>
<thead>
<tr>
<th>R1</th>
<th>R2</th>
<th>R1 ( \land ) R2</th>
</tr>
</thead>
<tbody>
<tr>
<td>T</td>
<td>T</td>
<td>T</td>
</tr>
<tr>
<td>T</td>
<td>F</td>
<td>F</td>
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<td>F</td>
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<td>F</td>
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<tr>
<td>F</td>
<td>F</td>
<td>F</td>
</tr>
</tbody>
</table>

### ANY (OR)

<table>
<thead>
<tr>
<th>R1</th>
<th>R2</th>
<th>R1 ( \lor ) R2</th>
</tr>
</thead>
<tbody>
<tr>
<td>T</td>
<td>T</td>
<td>T</td>
</tr>
<tr>
<td>T</td>
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<td>T</td>
</tr>
<tr>
<td>F</td>
<td>F</td>
<td>F</td>
</tr>
</tbody>
</table>

### Must or Must not? (MUST)

<table>
<thead>
<tr>
<th>MUST</th>
<th>MEET</th>
<th>MUST ( \leftrightarrow ) MEET</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Yes</td>
<td>Access</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>Restrict</td>
</tr>
<tr>
<td>No</td>
<td>Yes</td>
<td>Restrict</td>
</tr>
<tr>
<td>No</td>
<td>No</td>
<td>Access</td>
</tr>
</tbody>
</table>

### Conjunction \( \land \)

<table>
<thead>
<tr>
<th>P</th>
<th>Q</th>
<th>P ( \land ) Q</th>
</tr>
</thead>
<tbody>
<tr>
<td>T</td>
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<td>F</td>
</tr>
<tr>
<td>F</td>
<td>F</td>
<td>F</td>
</tr>
</tbody>
</table>

### Disjunction \( \lor \)

<table>
<thead>
<tr>
<th>P</th>
<th>Q</th>
<th>P ( \lor ) Q</th>
</tr>
</thead>
<tbody>
<tr>
<td>T</td>
<td>T</td>
<td>T</td>
</tr>
<tr>
<td>T</td>
<td>F</td>
<td>T</td>
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<td>T</td>
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<tr>
<td>F</td>
<td>F</td>
<td>F</td>
</tr>
</tbody>
</table>

### Biconditional

\( p \leftrightarrow q \equiv (p \land q) \lor (\neg p \land \neg q) \)

<table>
<thead>
<tr>
<th>P</th>
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<th>P ( \leftrightarrow ) Q</th>
</tr>
</thead>
<tbody>
<tr>
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<td>F</td>
</tr>
<tr>
<td>F</td>
<td>F</td>
<td>T</td>
</tr>
</tbody>
</table>
Group: Myclass
Role: Students 1st primary
Role: Students 2nd primary
Mobile App
Department: Science
Language: English
Role: Manager
IP address

A1

01/01/2019 to 01/02/2020

AND
OR

A1

A1

A1

A1

A1
Core Restrictions(3.7)

- Activity completion
- Date
- Grade
- Group
- Grouping
- User profile
- Restriction set
Activity completion

- It requires students to complete (or not complete) another activity.

![Moodle interface for setting activity completion rules]

- Student must match the following:
  - Activity completion
  - Assignment Unit 1
  - must be marked complete

- Add restriction options:
  - must be marked complete
  - must not be marked complete
  - must be complete with pass grade
  - must be complete with fail grade
Date

- Prevent access until (or from) a specified date and time.
- Availability: from / until
Grade

- It requires students to achieve a specified grade (%).
Group

- Allow only students belonging to specified groups, or all groups.
Grouping

- Allow only students belonging to a group within a specified grouping.
User profile

- Control access based on the fields within the student’s profile.
- *Fields*: Address / AIM ID / City / Country / Department / Email address / First name / ICQ number / ID number / Institution / Mobile phone / MSN ID / Phone / Skype ID / Surname / Web page / Yahoo ID
- *Actions*: is equal to / contains / doesn’t contain / starts with / ends with / is empty/ is not empty

![User profile interface]

Student must not match the following

- **User profile field**: Email address
- **ends with**: moodle.org
Restriction set

- Add a set of nested restrictions to apply complex logic: ALL (and) / ANY (or)
Community plugins (3.7)

- Language
- IP Address
- Course role
- Password
- Cohorte
- Mobile App
- Course completion
- Geolocation condition
- Level Up!
- Stash
- Relative Date
- Other course completion

- Badge (3.1)
- Week from start (3.1)
- Dataform Content (3.3)
- Max Views (3.4)
- Course Enrollment (3.4)
- Days Offset from start (3.5)
- Paypal (3.6)
Language

- User profile condition is not restricted by language.
- More than 1 language installed in the system.
- The language of the course is NOT forced.
- E.g.: Show a resource in two languages: Instrucciones / Instructions

Maintained by Renaat Debleu
IP address

- Restrict access by IP address or Subnet.
- Supports comma separate list of ip-addresses.
- Subnet support, e.g. 192.168.1.0/24
- Inline ip-address validation.
- Most activities don't support this feature.
Course role

- Allow only users with a specified course role.
- SETTINGS → Guest role: users that are viewing a course as guest.
- SETTINGS → Not logged in role: users that are not logged in.
Password

- Ask students to enter a password.
- SETTINGS → *Remember password entered*: Permanently / Until the user logs out

![Password entry interface with the password set to Moodle]

*Restricted: Not available unless: You enter the correct password*

Maintained by Ulm University, Alexander Bias, Kathrin Osswald
Cohort

- Restrict activities / resources / sections in the course to a subset of the course participants whose share a common cohort.
- Allow only students belonging to a specified cohort.
Mobile App

- It requires students to access (or not access) using the Mobile App.

![Mobile App Access Options]

Assignment 2

Restricted: Not available unless: Access NOT using the Mobile app

Maintained by Juan Leyva
Course completed

- Allow only students who already (or not yet) completed this course.
- E.g.: Certificates

[Image of a Moodle screen showing a certificate restricted to students who have completed the course.

Maintained by Renaat Debleu]
Geolocation condition

- Check availability against current GPS coordinates.
- Block GPS
- Https site

Restricted Not available unless: Geolocation, Longitude 2.1144287175971237, Latitude 41.394759126402555, Accuracy 5 Meters, as current location

Maintained by Robert Schrenk, Zentrum für Lernmanagement
Level Up!

- Prevent Access depending on the level of the user (1-10), using the experience points and levels generated from the usage of the block Level up!
- Block XP
Stash

- Require an object from the user’s stash to gain access, that is, access to course activities via items to be obtained in a student's stash.
- Block Stash
- Filter Shortcodes

List of items

- Coin

Maintained by Adrian Greeve, Fréderic Massart
Relative date

- Prevent access until a relative time is reached before/after a course or user date.
- This availability condition makes it easy to show modules or sections only x days/weeks/months - after course start date - before course end date - after user enrolment date.
Other course completion

- Restrict access of activities/resources in a course based on other course completion status.

Maintained by Sam Suresh
Thanks!!

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