**MESD Documentation LMS-92-Integrations**

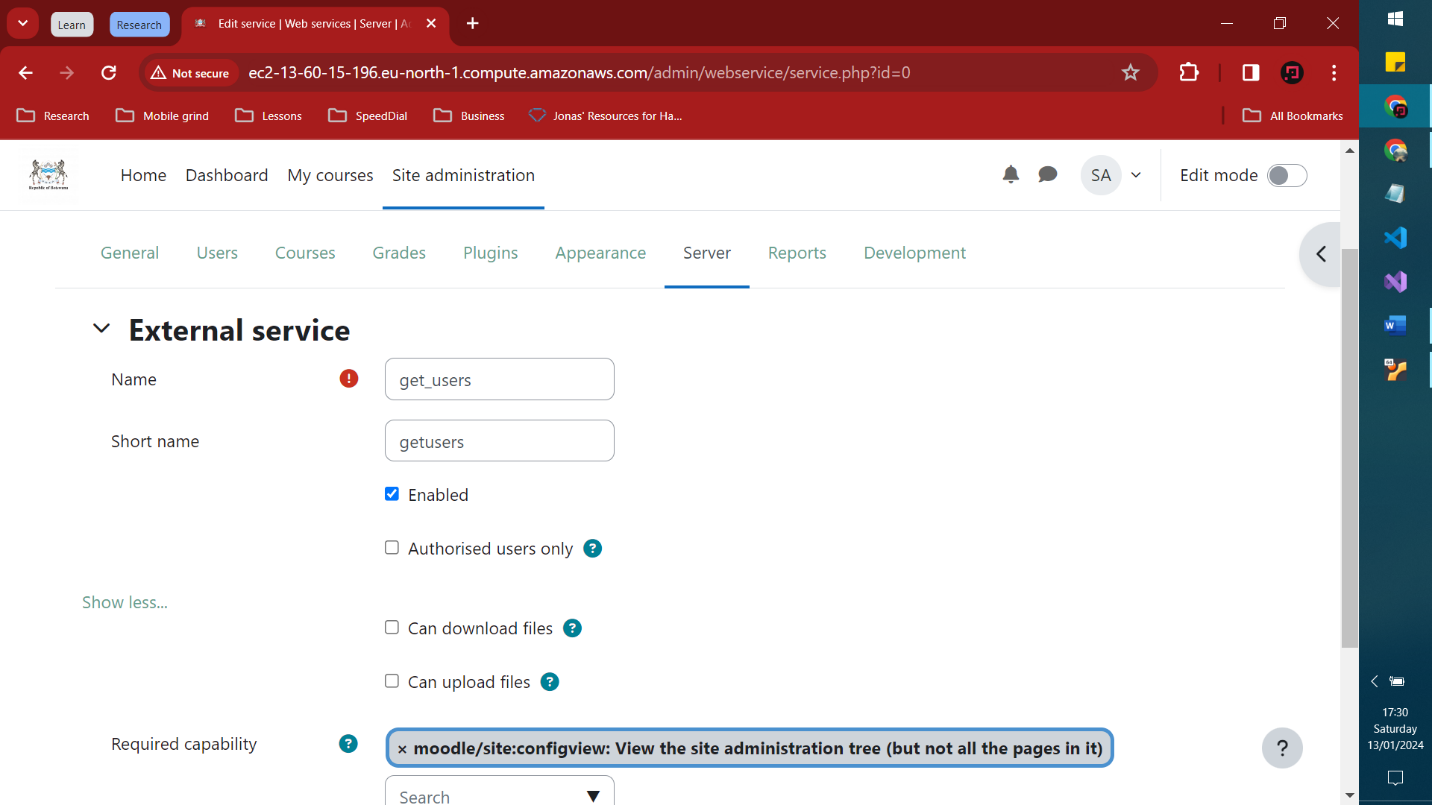
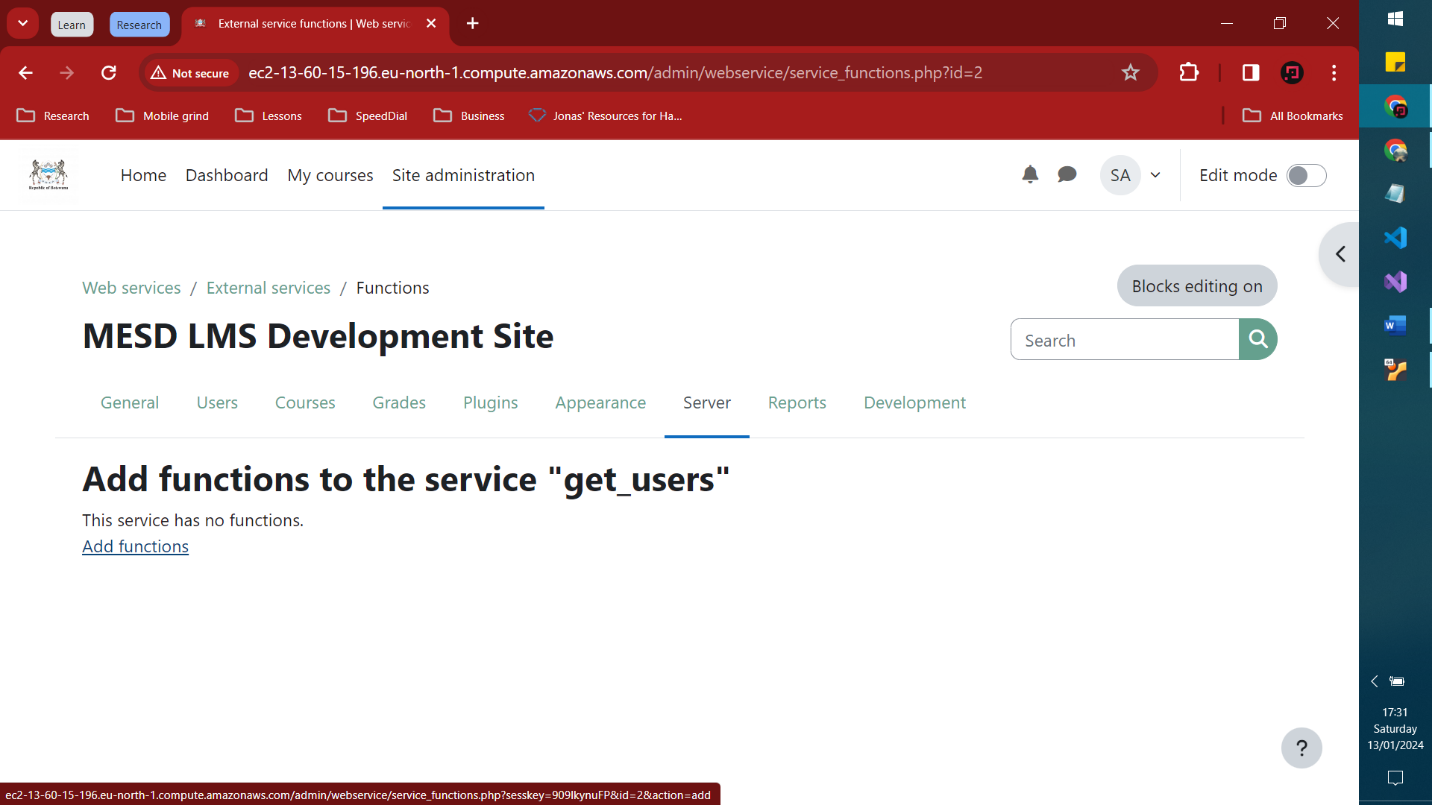
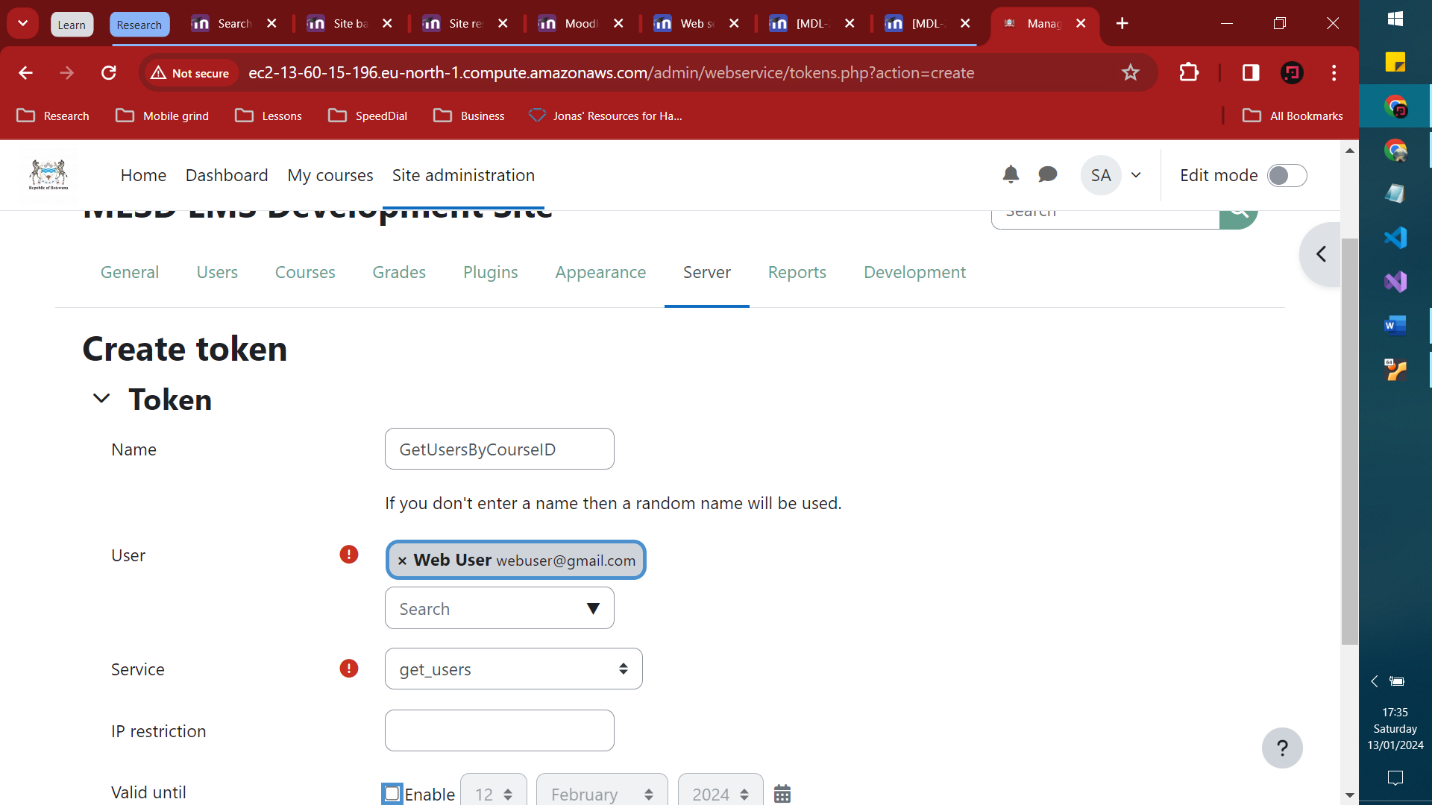
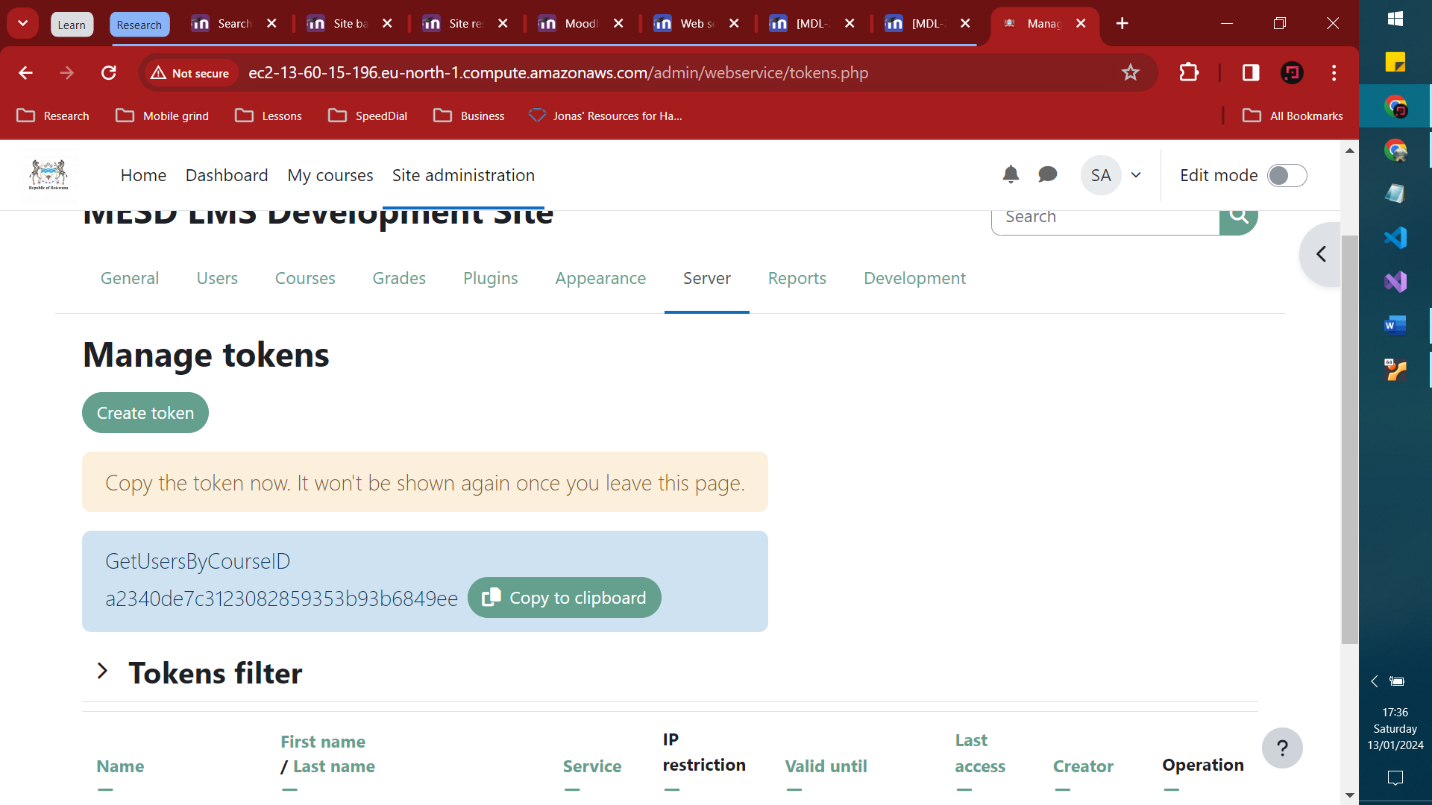
**Purpose**

To allow for other systems to connect to the LMS platform.

**Background**

The MESD LMS will be hosted and will not work in isolation. This means that there will be API endpoints that other systems can take advantage of to interface with the solution.

**Setup Process**

1. Make sure that the Web user role exists. This will be a user solely used to make the core webservice functions exposed to other system. They should have the capability moodle/webservice:createtoken.
2. Next go to Go to Site administration > Server > Web services > External services.
3. Add a new custom service and enable it.  
     
   
4. Add functions like core\_course\_get\_courses to the service. ( Visit this link for more details on the type of functions that you might be interested in <https://docs.moodle.org/dev/Web_service_API_functions#API_Roadmap>). You can also check Site administration > Server > Web services > API Documentation
5. Create a token for the web service user and the service you created at Site administration > Server > Web services> Manage tokens  
   
6. Make an endpoint, an example would look like this: http://yourmoodlesite.com/webservice/rest/server.php?wstoken= a2340de7c3123082859353b93b6849ee&wsfunction=core\_course\_get\_courses&moodlewsrestformat=json
7. Use the token and the API endpoints to integrate Moodle with another system, sending HTTP requests and handling responses.

Remember that you need to have the necessary permissions to access and configure these settings in Moodle. Also, ensure that any external system you integrate with handles the data securely and follows all relevant privacy and data protection laws