

VERSION 1.0

MAY 2019

# Xerox<sup>®</sup> Connect App for Moodle

Administrator Guide

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## Preface

The purpose of this document is to provide an administrator with instructions on how to configure their Moodle site so it can be accessed by the Xerox® Connect App for Moodle. It is required that the reader of this document be knowledgeable in Moodle site administration. Additionally, this document also provides instructions on how to configure the Xerox® Connect App for Moodle to access the configured Moodle site.

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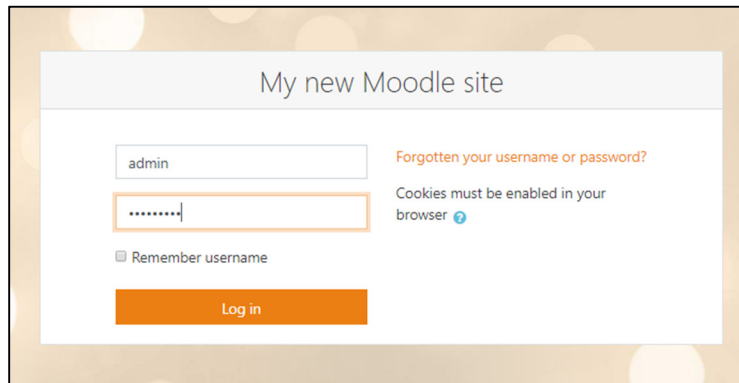
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# 1. Moodle Site Configuration

This section describes the steps necessary to configure a Moodle site to work with the Xerox® Connect App for Moodle. This document assumes that the Moodle site exists and is publicly accessible from a web browser.

## Login to Moodle site with Administrator Account

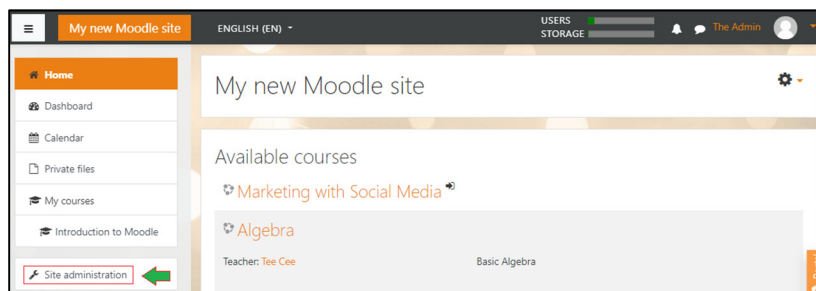
1. From a web browser, Open the URL to the Moodle site that is being configured (e.g. <https://xeroxdemo.moodlecloud.com>).
2. Enter a username and password that has Site Administration privileges.



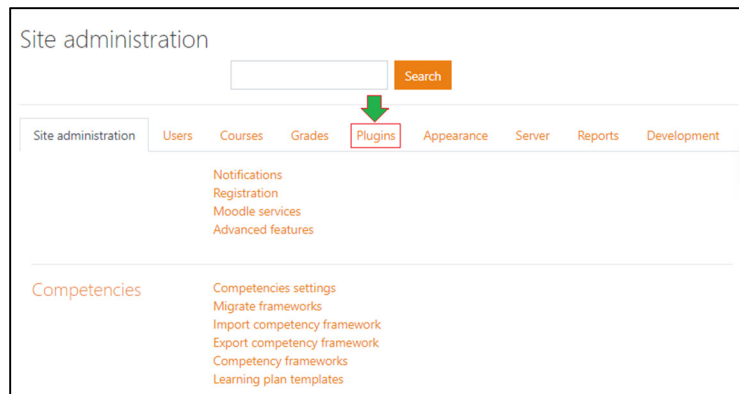
3. Click the **Log in** button.
4. Upon successful login, the Moodle main screen will be displayed.

## Access Site administration functions

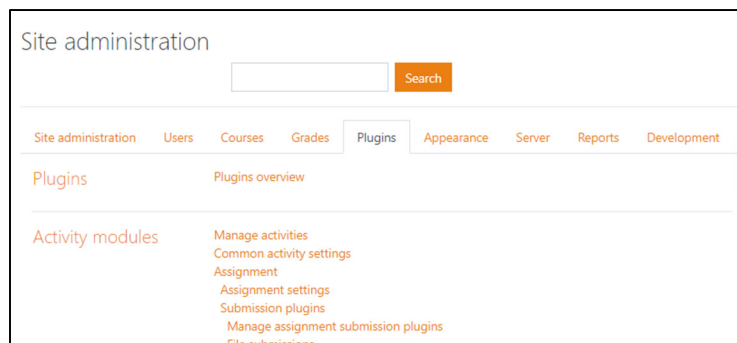
1. From the Moodle main screen, click on **Site Administration**.



2. From the Site Administration screen, click on the **Plugins** link.

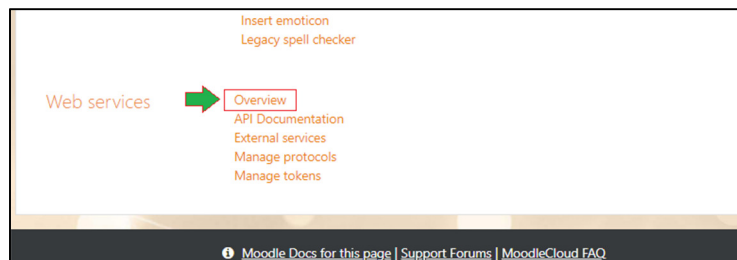


- a. This will display the Site Administration -> Plugins screen.



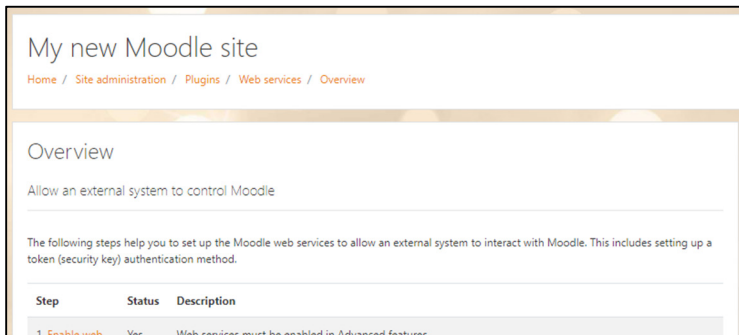
3. From the Site Administration -> Plugins screen, scroll to the bottom of the page to get to the **Web Services** category.

- a. In the **Web Services** category, click on the **Overview** link.



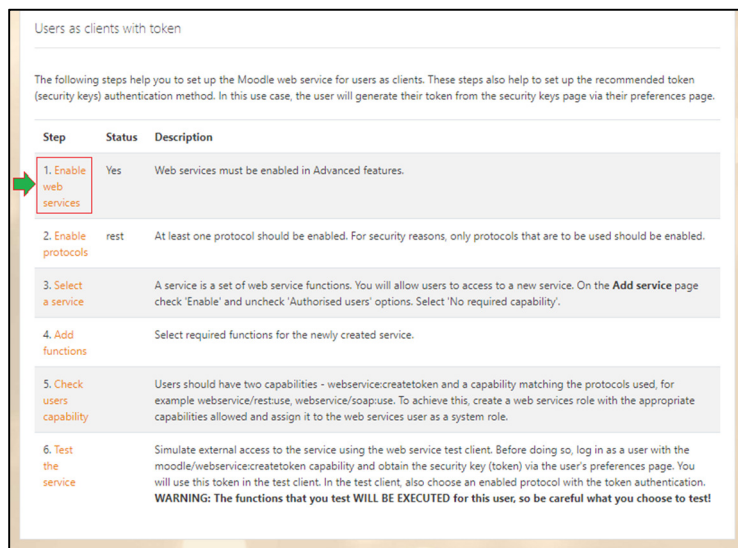
## Web services configuration

The Web services overview page gives step-by-step instructions on how to setup a new Web service for Moodle.

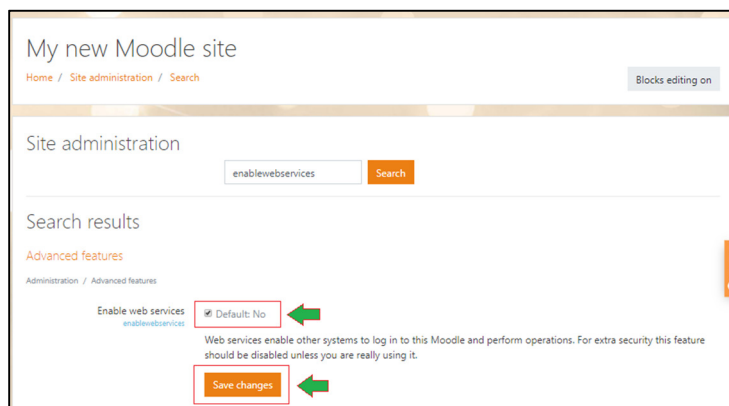


### ENABLE WEB SERVICES

1. From Web services -> Overview screen, scroll to the “Users as clients with token” heading.
2. Click on step 1. **Enable web services**.

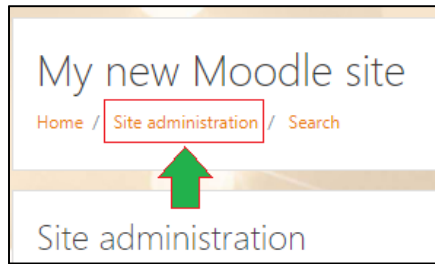


3. From the Enable web services screen, make sure that **Enable web services** is set to Yes (checked).
  - a. Click the **Save changes** button.

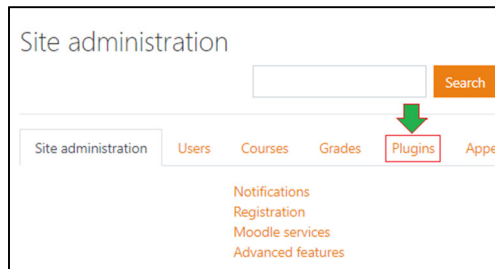


4. Navigate back to the Web services -> Overview screen

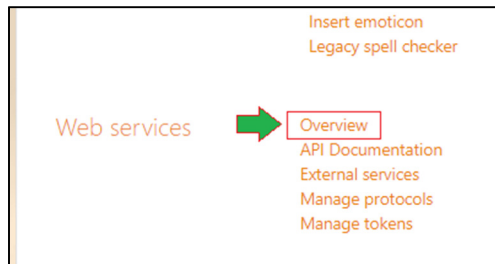
a. Click on **Site administration**.



b. Click on the **Plugins** link and scroll down to the **Web services** category.



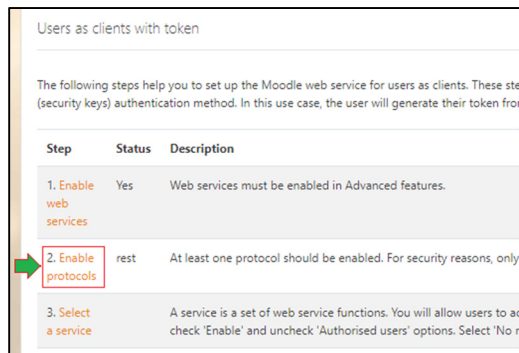
c. Click on the **Overview** link.



## ENABLE PROTOCOLS

1. From Web services -> Overview screen, scroll to the “Users as clients with token” heading.

2. Click on step 2. **Enable protocols**.





3. From the Manage protocols screen, make sure that the **REST protocol** is set to enable.
  - a. Do not change the enable values for the other protocols.
  - b. Click the **Save changes** button.

My new Moodle site

Home / Site administration / Plugins / Web services / Manage protocols

## Manage protocols

Active web service protocols

Protocol	Version	Enable	Settings
REST protocol	2018120300	<input checked="" type="checkbox"/>	
SOAP protocol	2018120300	<input type="checkbox"/>	
XML-RPC protocol	2018120300	<input type="checkbox"/>	

For security reasons, only protocols that are in use should be enabled.

**Web services documentation**  
enablewsdocumentation

☐ Default: No

Enable auto-generation of web services documentation. A user can access to his own documentation on his security keys page [More details](#). It displays the documentation for the enabled protocols only.

**Save changes**

4. Navigate back to the Web services -> Overview screen by clicking on the **Web services** link.

My new Moodle site

Home / Site administration / Plugins / **Web services** / Manage protocols

## Manage protocols

Active web service protocols

## External service setup

1. From Web services -> Overview screen, scroll to the “Users as clients with token” heading.
2. Click on step 3. **Select a service**.

Users as clients with token

The following steps help you to set up the Moodle web service for users as clients. These steps also help to set up the recommended token (security keys) authentication method. In this use case, the user will generate their token from the security keys page via their preferences page.

Step	Status	Description
1. Enable web services	Yes	Web services must be enabled in Advanced features.
2. Enable protocols	rest	At least one protocol should be enabled. For security reasons, only protocols that are to be used should be enabled.
3. Select a service		A service is a set of web service functions. You will allow users to access to a new service. On the <b>Add service</b> page check 'Enable' and uncheck 'Authorised users' options. Select 'No required capability'.
4. Add functions		Select required functions for the newly created service.
5. Check users capability		Users should have two capabilities - webservice:createtoken and a capability matching the protocols used, for example webservice/rest:use, webservice/soap:use. To achieve this, create a web services role with the appropriate capabilities allowed and assign it to the web services user as a system role.
6. Test the service		Simulate external access to the service using the web service test client. Before doing so, log in as a user with the moodle/webservice:createtoken capability and obtain the security key (token) via the user's preferences page. You will use this token in the test client. In the test client, also choose an enabled protocol with the token authentication. <b>WARNING: The functions that you test WILL BE EXECUTED for this user, so be careful what you choose to test!</b>

### ADD A SERVICE

1. From External services screen, click on the **Add** button.

My new Moodle site

[Home](#) / [Site administration](#) / [Plugins](#) / [Web services](#) / [External services](#)

## External services

Information

A service is a set of functions. A service can be accessed by all users or just specified users.

Built-in services

External service	Plugin	Functions	Users	Edit
Moodle mobile web service	moodle	Functions	All users	Edit

Custom services

External service	Delete	Functions	Users	Edit
------------------	--------	-----------	-------	------

[Add](#)

2. From External service screen, click on **Show more...** link.

My new Moodle site

Home / Site administration / Plugins / Web services / External services / External service

External service

Name !

Short name

☐ Enabled

☐ Authorised users only ?

**Show more...**

There are required fields in this form marked !.

3. Enter the values specified below for the following fields:
  - a. **Name:** Xerox Connector App for Moodle
  - b. **Short Name:** XeroxConnectApp
  - c. **Enabled:** Checked
  - d. **Authorized users only:** Unchecked
  - e. **Can download files:** Checked
  - f. **Can upload files:** Checked
4. Click on the **Save changes** button to move to the next step.

My new Moodle site

Home / Site administration / Plugins / Web services / External services / External service

External service

Name !

Short name

☒ Enabled

☐ Authorised users only ?

☒ Can download files ?

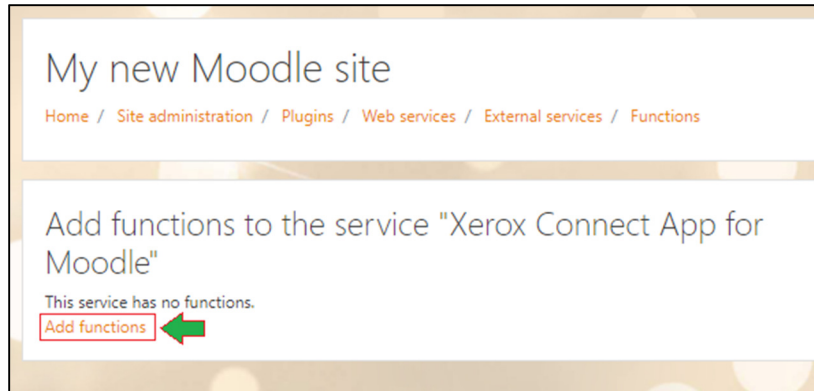
☒ Can upload files ?

Required capability ?

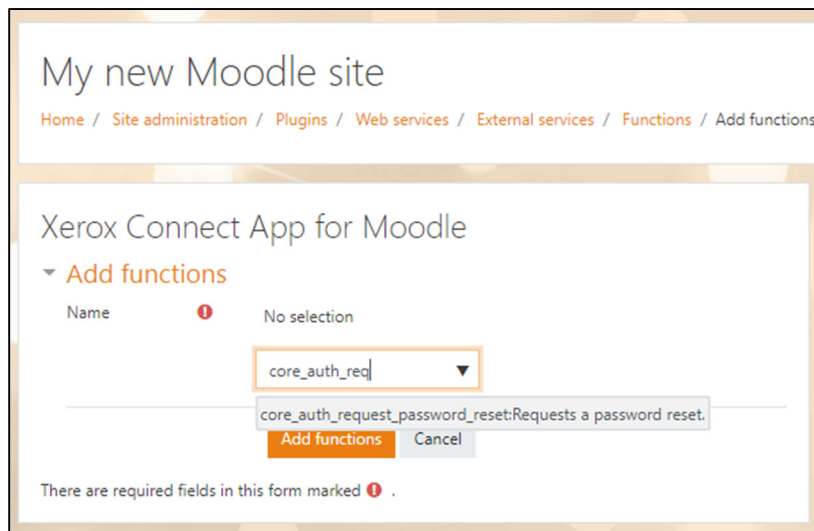
There are required fields in this form marked !.

## ADD FUNCTIONS

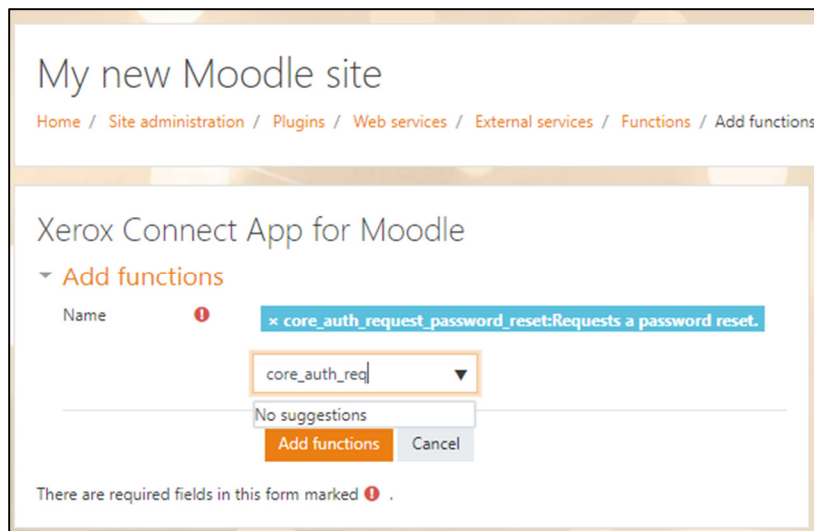
1. From the External services -> Functions screen, click on the **Add functions** link.



2. From the Add functions screen, type "core\_auth\_req" to find the first function to added to the service.



3. Click on the search results, "core\_auth\_request\_password\_reset:Requests a password reset.", to select the function to be added.



4. Repeat step 3, to select the following list of additional functions:
  - a. core\_auth\_request\_password\_reset
  - b. core\_course\_get\_contents
  - c. core\_course\_get\_enrolled\_courses\_by\_timeline\_classification
  - d. core\_enrol\_get\_enrolled\_users
  - e. core\_enrol\_get\_users\_courses
  - f. core\_files\_get\_files
  - g. core\_files\_upload
  - h. core\_user\_add\_user\_private\_files
  - i. core\_webservice\_get\_site\_info
  - j. mod\_assign\_get\_submissions
  - k. mod\_assign\_get\_assignments
  - l. mod\_assign\_save\_submission
5. Click the **Add functions** button to add the selected functions to the External service.
  - a. **NOTE:** All 12 functions must be selected and added to the External service for the Moodle site to be configured properly.

My new Moodle site

Home / Site administration / Plugins / Web services / External services / Functions / Add functions

### Xerox Connect App for Moodle

▼ Add functions

Name	
✖ core_auth_request_password_reset:Requests a password reset.	
✖ core_course_get_contents:Get course contents	
✖ core_course_get_enrolled_courses_by_timeline_classification:List of enrolled courses for the given timeline cla	
✖ core_enrol_get_enrolled_users:Get enrolled users by course id.	
✖ core_enrol_get_users_courses:Get the list of courses where a user is enrolled in	
✖ core_files_get_files:browse moodle files	✖ core_files_upload:upload a file to moodle
✖ core_user_add_user_private_files:Copy files from a draft area to users private files area.	
✖ core_webservice_get_site_info:Return some site info / user info / list web service functions	
✖ mod_assign_get_assignments>Returns the courses and assignments for the users capability	
✖ mod_assign_get_submissions>Returns the submissions for assignments	
✖ mod_assign_save_submission:Update the current students submission	

Search ▼

➡ Add functions Cancel

There are required fields in this form marked ⓘ .

- From the Functions screen, navigate to the Site administration screen by clicking on the **Site administration** link.

My new Moodle site

Home / [Site administration](#) / Plugins / Web services / External services / Functions

Add functions to the service "Xerox Connect App for Moodle"

Function	Description	Required capabilities	Edit
core_auth_request_password_reset	Requests a password reset.		<a href="#">Remove</a>
core_course_get_contents	Get course contents	moodle/course:update, moodle/course:viewhidden	<a href="#">Remove</a>
core_course_get_enrolled_courses_by_timeline_classification	List of enrolled courses for the given timeline classification (past, inprogress, or future).		<a href="#">Remove</a>
core_enrol_get_enrolled_users	Get enrolled users by course id.	moodle/user:viewdetails, moodle/user:viewhiddendetails, moodle/course:useremail, moodle/user:update, moodle/siteaccessallgroups	<a href="#">Remove</a>
core_enrol_get_users_courses	Get the list of courses where a user is enrolled in	moodle/course:viewparticipants	<a href="#">Remove</a>
core_files_get_files	Browse moodle files		<a href="#">Remove</a>
core_files_upload	upload a file to moodle		<a href="#">Remove</a>
core_user_add_user_private_files	Copy files from a draft area to users private files area.	moodle/user:manageownfiles	<a href="#">Remove</a>
core_webservice_get_site_info	Return some site info / user info / list web service functions		<a href="#">Remove</a>
mod_assign_get_assignments	Returns the courses and assignments for the users capability		<a href="#">Remove</a>
mod_assign_get_submissions	Returns the submissions for assignments		<a href="#">Remove</a>
mod_assign_save_submission	Update the current students submission		<a href="#">Remove</a>

[Add functions](#)

## Role setup

- From Site administration screen, click on the **Users** tab.
- Click on the **Define roles** link in the Permissions category.

My new Moodle site

Home / [Site administration](#) / Search

Site administration

[Search](#)

[Site administration](#) **[Users](#)** [Courses](#) [Grades](#) [Plugins](#) [Appearance](#) [Server](#) [Reports](#) [Development](#)

Users

Accounts

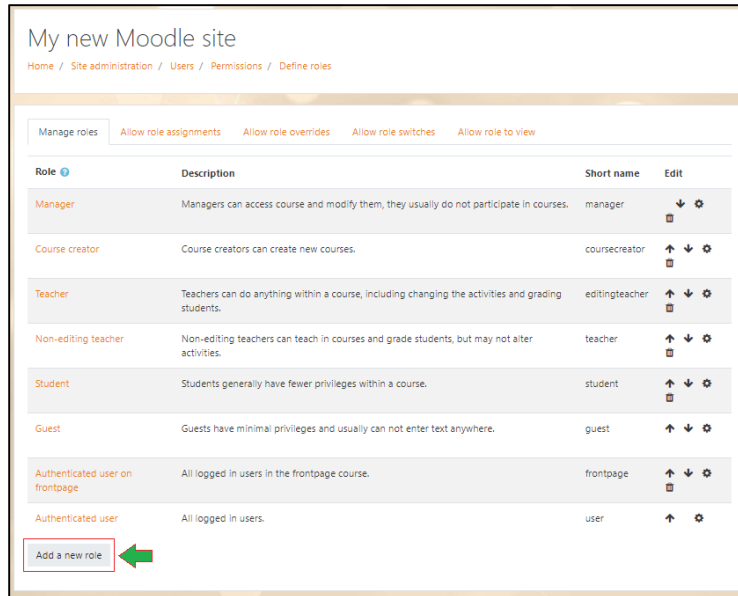
- [Browse list of users](#)
- [Bulk user actions](#)
- [Add a new user](#)
- [User default preferences](#)
- [User profile fields](#)
- [Cohorts](#)
- [Upload users](#)
- [Upload user pictures](#)

Permissions

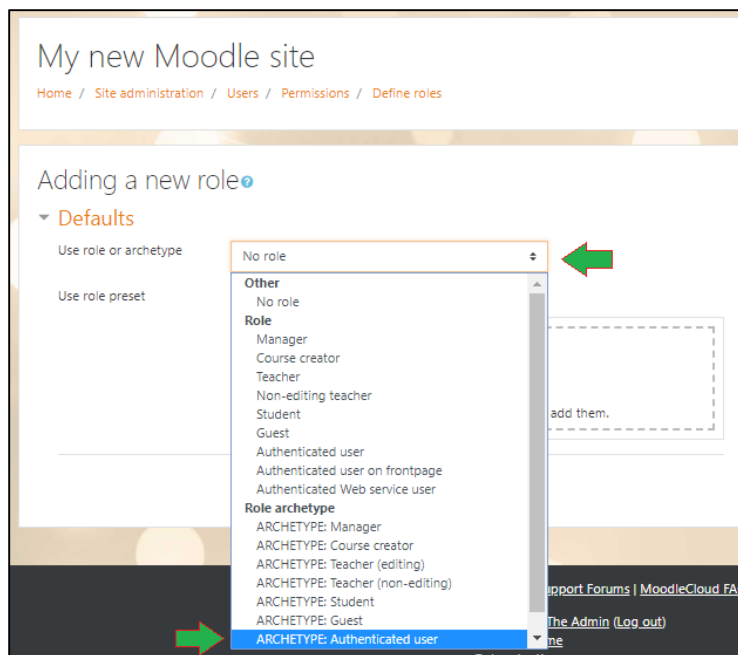
- [User policies](#)
- [Site administrators](#)
- [Define roles](#)
- [Assign system roles](#)

## ADD A ROLE

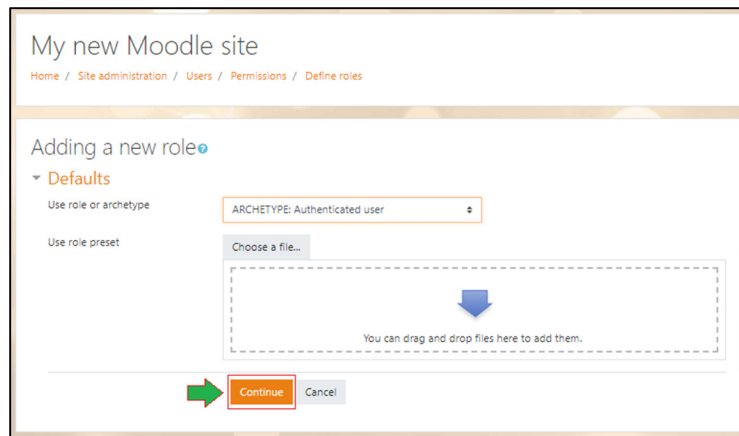
1. From the Define roles screen, click on the **Add a new role** button.



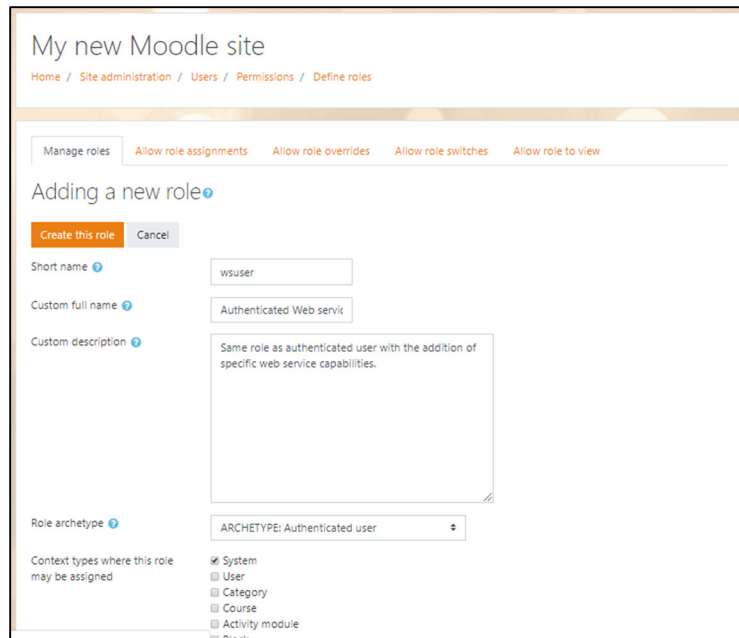
2. Click on the “use role or archetype” pull-down and select the entry: **ARCHETYPE: Authenticated user**.



3. Click on the **Continue** button



4. Fill in the following fields with the values defined below.
- a. **Short name:** wsuser
  - b. **Custom full name:** Authenticated Web service user
  - c. **Custom description:** Same role as Authenticated user with the addition of specific web service capabilities.
  - d. **Content types where this role may be assigned:** System – Checked



5. Scroll to the **Capability** heading of the Adding a new role screen.
- a. In the Filter text box, type “web”. This will display a subset of the capabilities.
  - b. Set the permission to “Allow” for **Create a web service token**
  - c. Set the permission to “Allow” for **Use REST protocol**



- Click on the **Create this role** button to complete role creation.

The permissions highlighted in the table below are the defaults for the role archetype currently selected above.

Hide advanced

Filter: web Clear

Capability	Permission	Risks
<b>System</b>		
Create a web service token for mobile access moodle/webservice:createmobiletoken	Not set	Allow Prevent Prohibit
Create a web service token moodle/webservice:createtoken	Not set	Allow Prevent Prohibit
Manage all users' web service tokens moodle/webservice:managealltokens	Not set	Allow Prevent Prohibit
<b>Web service: REST protocol</b>		
Use REST protocol webservice/restuse	Not set	Allow Prevent Prohibit
<b>Web service: SOAP protocol</b>		
Use SOAP protocol webservice/soapuse	Not set	Allow Prevent Prohibit
<b>Web service: XML-RPC protocol</b>		
Use XML-RPC protocol webservice/xmlrpcuse	Not set	Allow Prevent Prohibit
<b>Repository: WebDAV repository</b>		
View WebDAV repository repository/webdav/view	Not set	Allow Prevent Prohibit

Create this role Cancel

Back to the list of all roles

- Navigate to the Users Permissions screen by clicking on the **Permissions** link.

My new Moodle site

Home / Site administration / Users / Permissions / Define roles

Manage roles Allow role assignments Allow role overrides Allow role switches Allow role to view

Viewing the definition of role 'Authenticated Web service user'

Edit Reset Export List all roles

Short name wsuser

Custom full name Authenticated Web service user

Custom description Same role as authenticated user with the addition of specific web service capabilities.

Role archetype ARCHETYPE: Authenticated user

Context types where this role may be assigned

- ☒ System
- ☐ User
- ☐ Category
- ☐ Course
- ☐ Activity module
- ☐ Block

Allow role assignments None

## SET NEW ROLE AS DEFAULT

1. Change the Default role for all users to **Authenticated Web service user (wsuser)**

My new Moodle site

Home / Site administration / Users / Permissions

Category: Administration / Users / Permissions

User policies

Role for visitors  
notloggedinroleid  
Guest (guest) Default: Guest (guest)

Role for guest  
guestroleid  
Guest (guest) Default: Guest (guest)

Default role for all users  
defaultuserroleid  
Authenticated user (user) Default: Authenticated user (user)

Authenticated Web service user (wsuser)

Creators' role in new courses  
creatornewcourseid  
Teacher (editingteacher) Default: Teacher (editingteacher)

Restorers' role in courses  
restorennewcourseid  
Teacher (editingteacher) Default: Teacher (editingteacher)

2. Scroll to the bottom of the Users Permissions screen and click on the **Save changes** button.

Assign system roles

Check system permissions

Capability overview

Assign user roles to cohort

Unsupported role assignments

Save changes

3. Navigate to the Users screen by clicking on the **Users** link.

My new Moodle site

Home / Site administration / Users / Permissions

Category: Administration / Users / Permissions

User policies

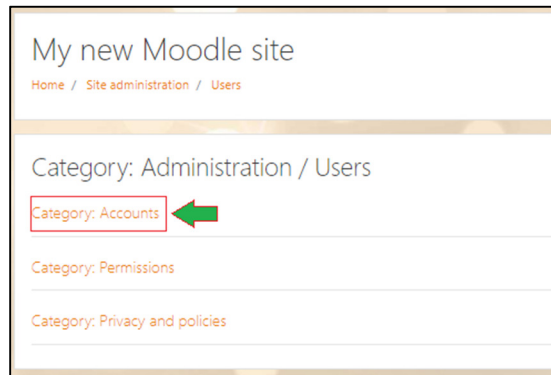
Role for visitors  
notloggedinroleid  
Guest (guest) Default: Guest (guest)

Role for guest  
guestroleid  
Guest (guest) Default: Guest (guest)

Default role for all users  
defaultuserroleid  
Authenticated Web service user (wsuser) Default: Authenticated user (user)

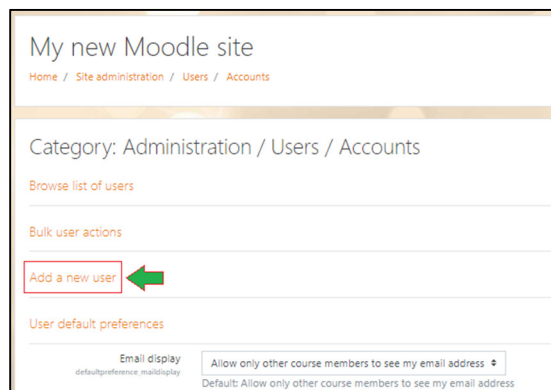
## External Service User

1. Click on the **Category: Accounts** link.



### CREATE A NEW USER

1. Click on the **Add new user** link.



2. Fill in the following fields with the values defined below.
  - a. **Username:** wsuser
  - b. **Choose an authentication method:** Manual accounts
  - c. **Suspended account:** Unchecked
  - d. **Generate password and notify user:** Unchecked
  - e. **New password:** <Enter the password you want for this account>
  - f. **Force password change:** Unchecked
  - g. **First name:** Xerox
  - h. **Surname:** WebService
  - i. **Email address:** <Enter the email address you want for this account>
  - j. **Email display:** Hide my email address from non-privileged users

## My new Moodle site

[Home](#) / [Site administration](#) / [Users](#) / [Accounts](#) / [Add a new user](#)

**General** Expand all

Username ?

Choose an authentication method ?

☐ Suspended account ?

☐ Generate password and notify user

New password ?  ?

☐ Force password change ?

First name !

Surname !

Email address !

Email display ?

3. Scroll to the bottom of the Add a new user screen and click the **Create user** button.

Image files used on the web: [gif](#), [jpg](#), [jpeg](#), [png](#), [svg](#), [svgz](#)

Picture description

**Additional names**

**Interests**

**Optional**

There are required fields in this form marked !.

4. Navigate to the Site administration -> Users screen by clicking the **Users** link.

My new Moodle site

Home / Site administration / **Users** / Accounts / Browse list of users

5 Users

▼ New filter

User full name contains

Add filter

Show more...

First name / Surname	Email address	City/town	Country	Last access	Edit
Cee Caa	test.03@gmail.com		United States	104 days 3 hours	
Ess Cee	test.02@gmail.com		United States	9 days 22 hours	
Tee Cee	test.04@gmail.com		United States	9 days 22 hours	
The Admin	test.05@gmail.com		United States	1 sec	
Xerox WebService	webservice@xerox.com		United States	Never	

Add a new user

## ASSIGN SYSTEM ROLE

1. Click on the **Category: Permissions** link.

My new Moodle site

Home / Site administration / Users

Category: Administration / Users

Category: Accounts

**Category: Permissions**

Category: Privacy and policies

2. Click on the **Assign system roles** link.

are viewing. Note also that Gravatar has

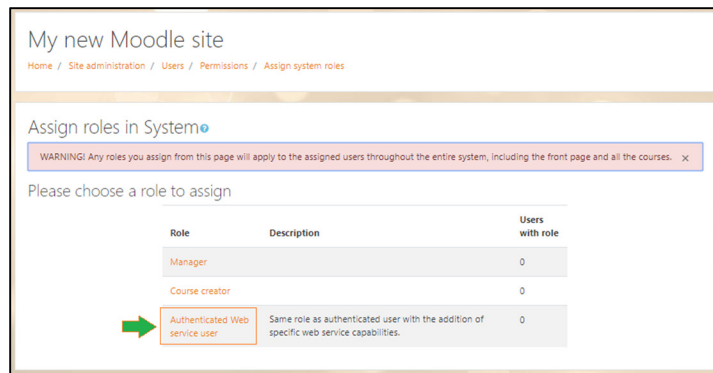
Site administrators

Define roles

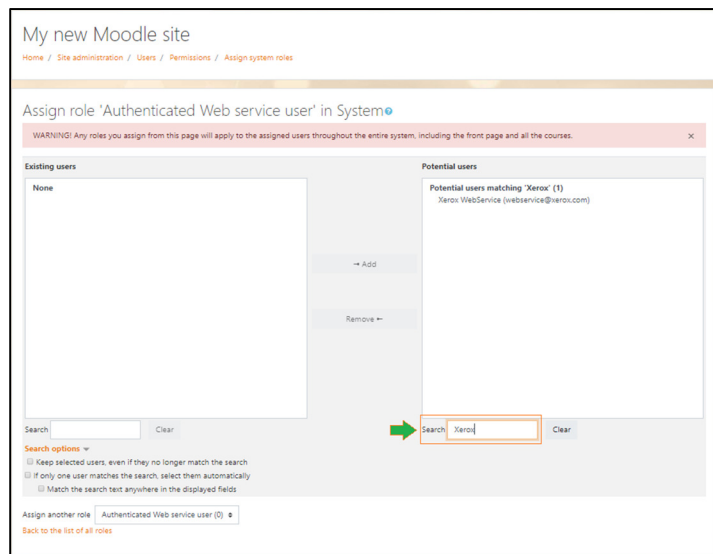
**Assign system roles**

Check system permissions

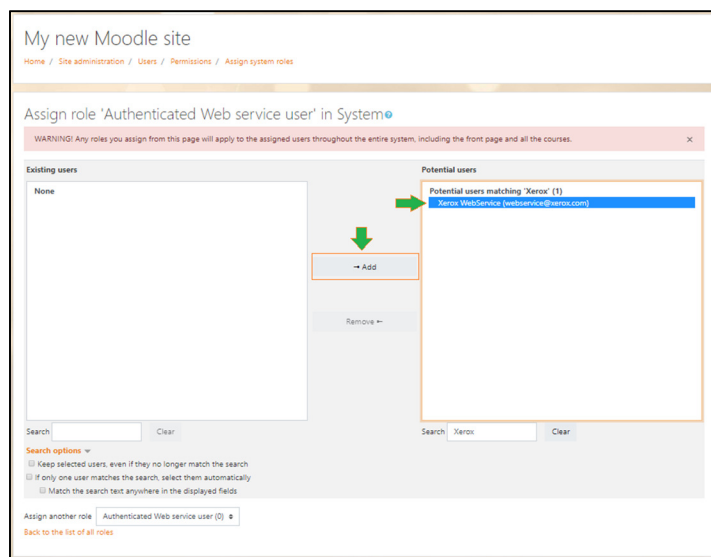
3. From the Assign roles in System screen, click on the **Authenticated Web service user** role.



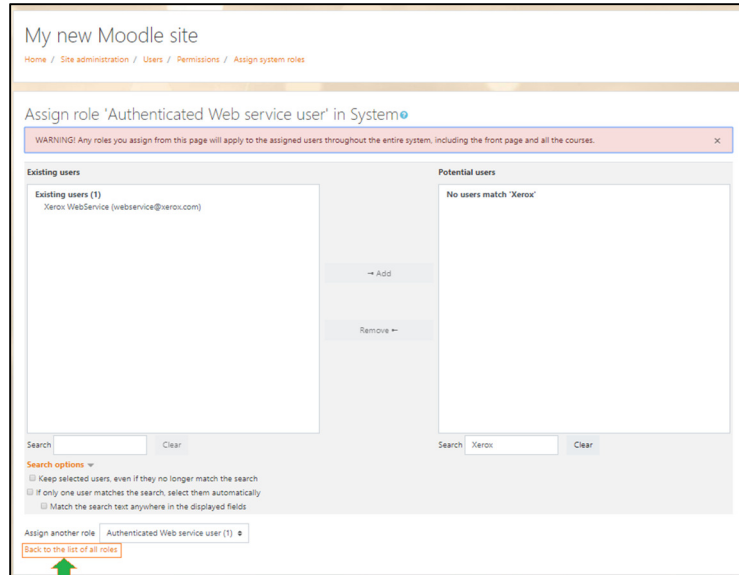
4. Type "Xerox" into the Search text box under the list of **Potential users**.



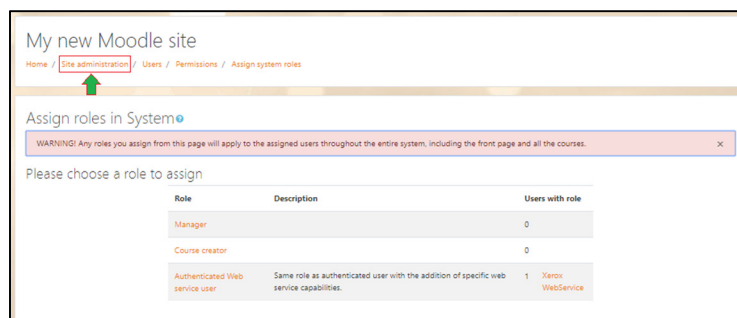
5. From the filtered list of **Potential users**, select the **Xerox WebService** user.  
a. Click the **Add** button to add the **Xerox WebService** user to the list of existing users.



6. With the **Xerox WebService** user assigned to the **Authenticated Web service user** role, click the **Back to the list of all roles** link.

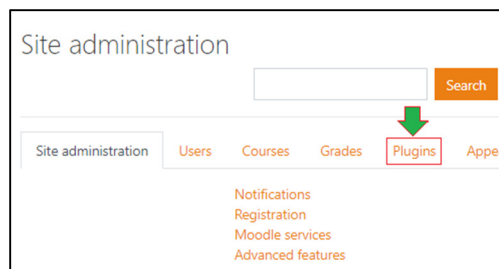


7. The Assign roles in System screen should show 1 user, **Xerox WebService**, with the **Authenticated Web service user** role.
  - a. Navigate to the Site administration screen by clicking on the **Site administration** link.

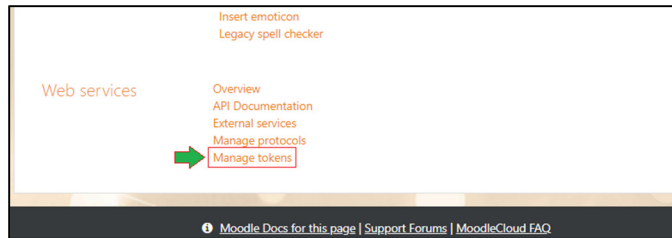


## GENERATE WEB SERVICE TOKEN

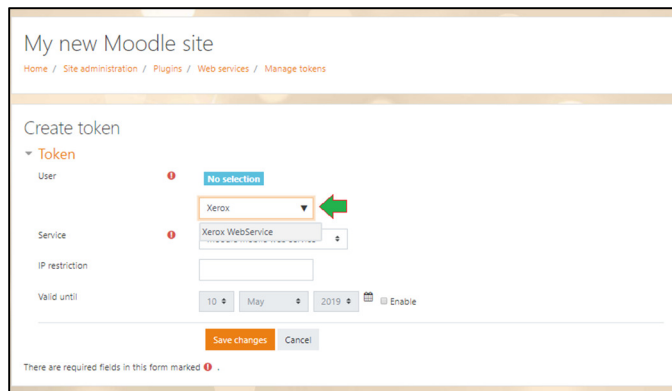
1. From the Site administration screen, click on the **Plugins** link.



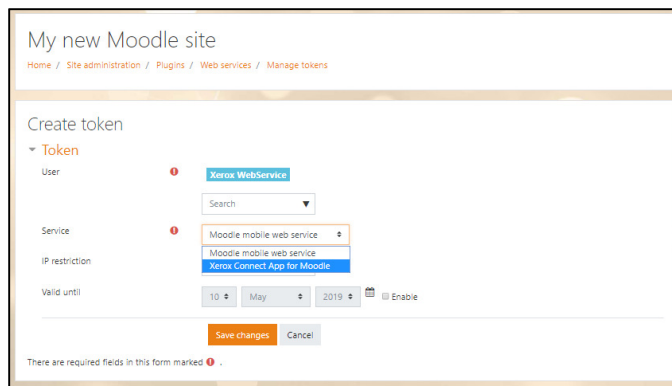
2. From the Site Administration -> Plugins screen, scroll to the bottom of the page to get to the **Web Services** category.
  - a. In the **Web Services** category, click on the **Manage tokens** link.



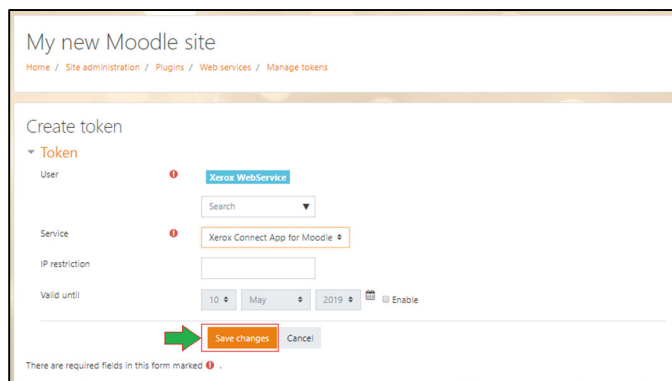
3. Click in the Search box for the **User** field and type “Xerox” and select the **Xerox WebService** user.



4. Click on the **Service** pull down menu and select the Service **Xerox Connect App for Moodle**.

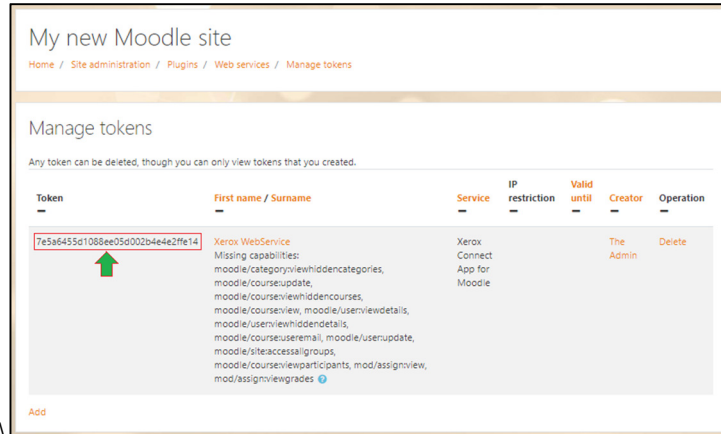


5. To create a **Xerox Connect App for Moodle** Service token for the **Xerox WebService** user, click the **Save changes** button.

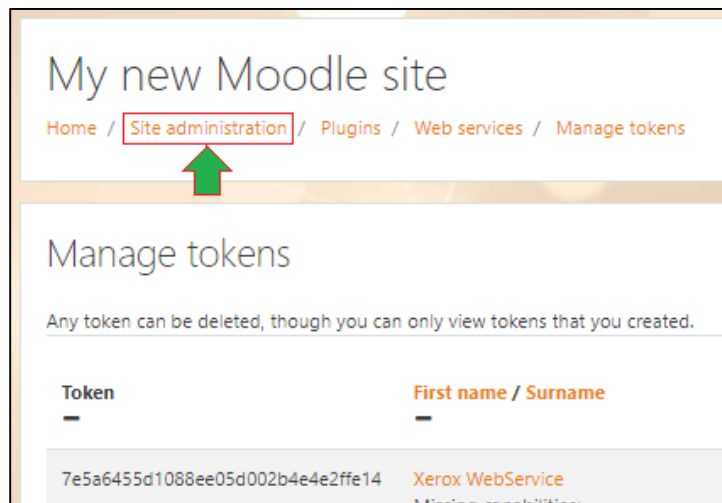




6. Select and copy the text for the Token created for the **Xerox Connect App for Moodle** service. The Token will be used to test the service.

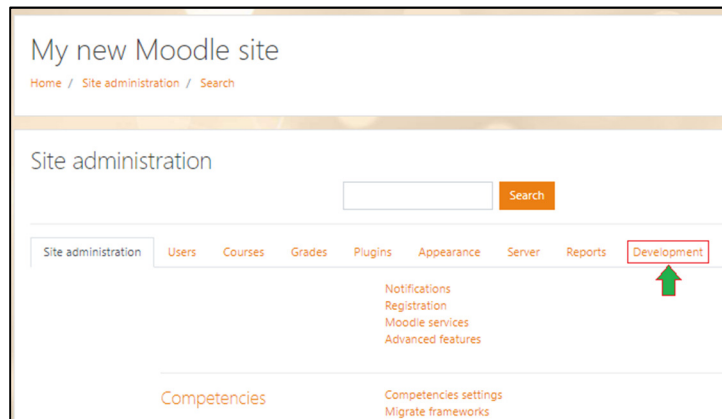


7. To navigate to the Site administration screen, click the **Site administration** link.

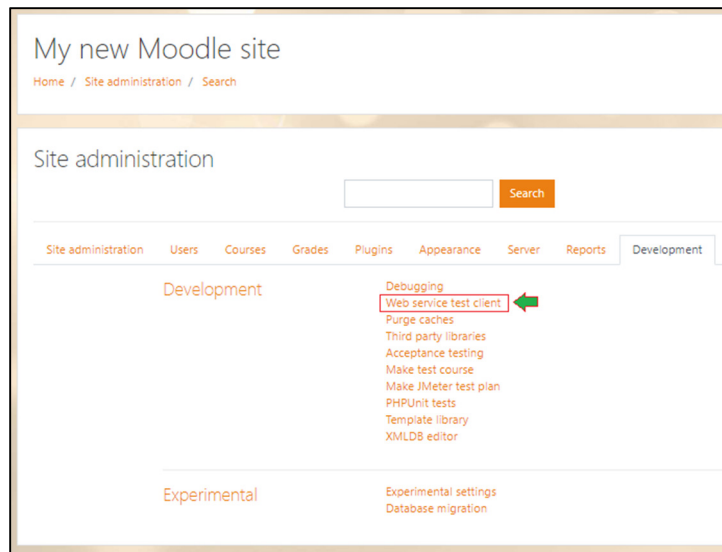


## Test configuration

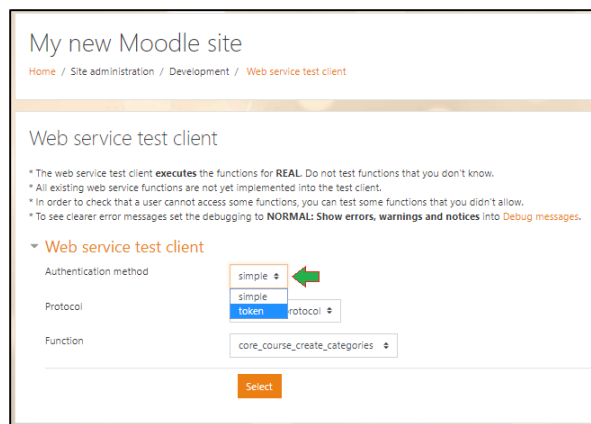
1. To navigate to the Site administration -> Development screen, click the **Development** link.



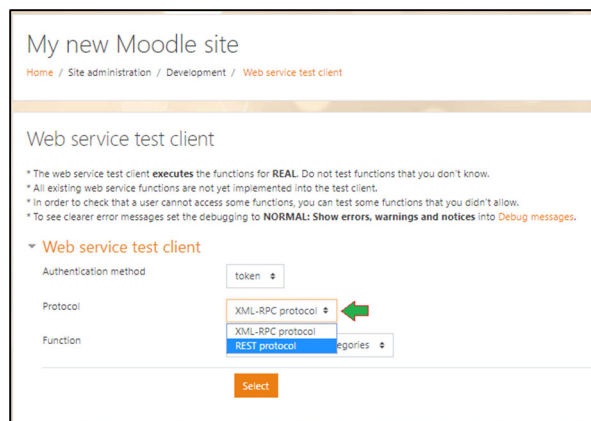
2. Click the **Web service test client** link.



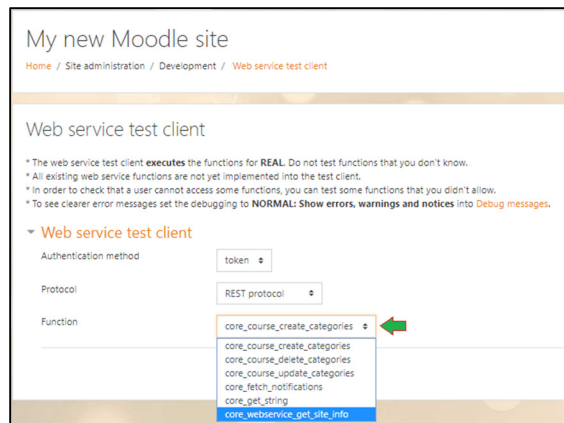
3. Change the value of **Authentication method** to **token**.



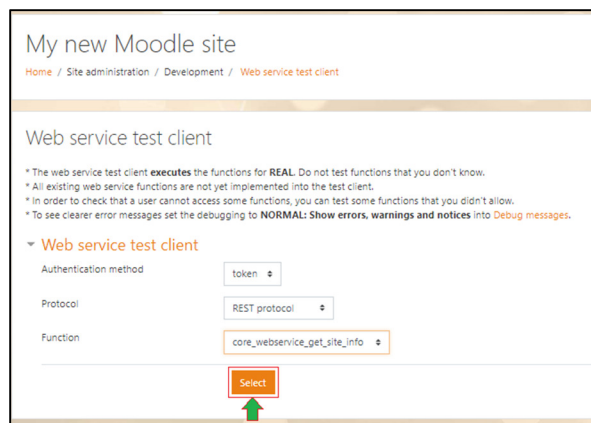
4. Change the value of **Protocol** to **REST protocol**.



5. Change the value of **Function** to **core\_webservice\_get\_site\_info**.

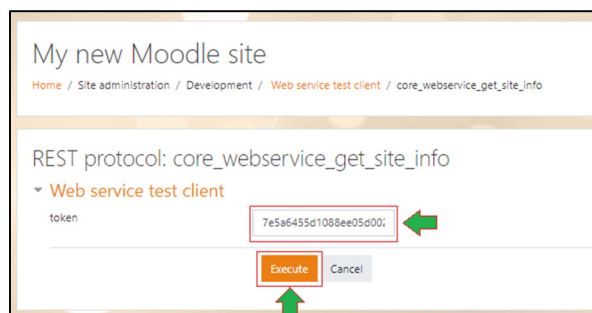


6. Click the **Select** button.

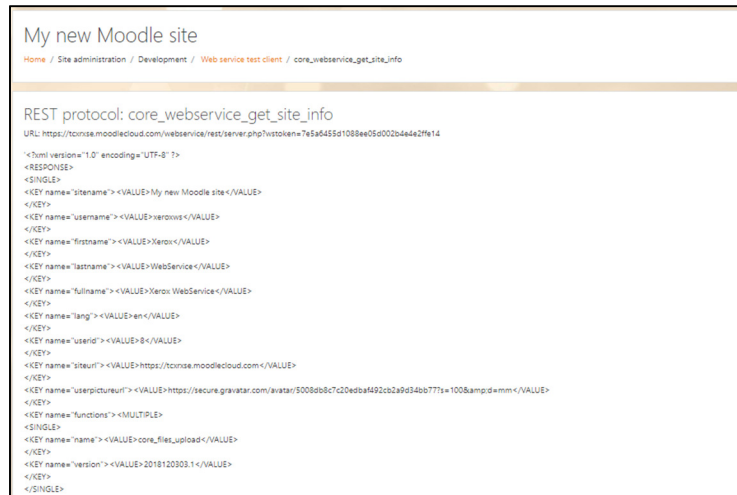


7. Paste the value of the token, generated for the **Xerox WebService** user, into the **token** field.

- a. Click the **Execute** button to run the test.



8. The screen below indicates a successful test.
  - a. If the test is unsuccessful, go back and check to make sure that all of the steps to configure the Moodle site have been followed correctly.



The screenshot shows a web browser window with the title "My new Moodle site". The breadcrumb navigation is "Home / Site administration / Development / Web service test client / core\_webservice\_get\_site\_info". The main content area displays the REST protocol endpoint "core\_webservice\_get\_site\_info" and the URL "https://tcinise.moodlecloud.com/webservice/rest/server.php?wstoken=7efad483d1088ee05d002b4e42ff14". Below this, the XML response is shown, which includes site information such as name, username, first name, last name, full name, language, user ID, site URL, user picture URL, functions, and version.

```
REST protocol: core_webservice_get_site_info
URL: https://tcinise.moodlecloud.com/webservice/rest/server.php?wstoken=7efad483d1088ee05d002b4e42ff14

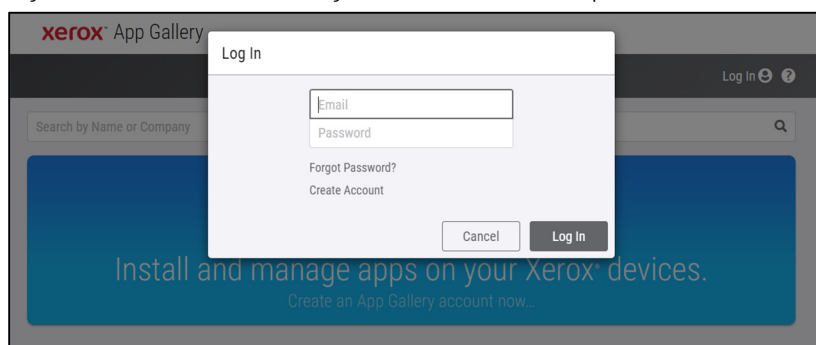
<?xml version="1.0" encoding="UTF-8" ?>
<RESPONSE>
<SINGLE>
<KEY name="sitename"><VALUE>My new Moodle site</VALUE>
</KEY>
<KEY name="username"><VALUE>veroniss</VALUE>
</KEY>
<KEY name="firstname"><VALUE>Xarpc</VALUE>
</KEY>
<KEY name="lastname"><VALUE>WebService</VALUE>
</KEY>
<KEY name="fullname"><VALUE>Xarpc WebService</VALUE>
</KEY>
<KEY name="lang"><VALUE>en</VALUE>
</KEY>
<KEY name="userid"><VALUE>8</VALUE>
</KEY>
<KEY name="siteurl"><VALUE>https://tcinise.moodlecloud.com</VALUE>
</KEY>
<KEY name="userpictureurl"><VALUE>https://secure.gravatar.com/avatar/5008db8c7c20edba492c2a9d34b771e100&amp;d=mm</VALUE>
</KEY>
<KEY name="functions"><MULTIPLE>
<SINGLE>
<KEY name="name"><VALUE>core_files_upload</VALUE>
</KEY>
<KEY name="version"><VALUE>2018120303.1</VALUE>
</KEY>
</SINGLE>
```

## 2. Xerox® Connect App configuration

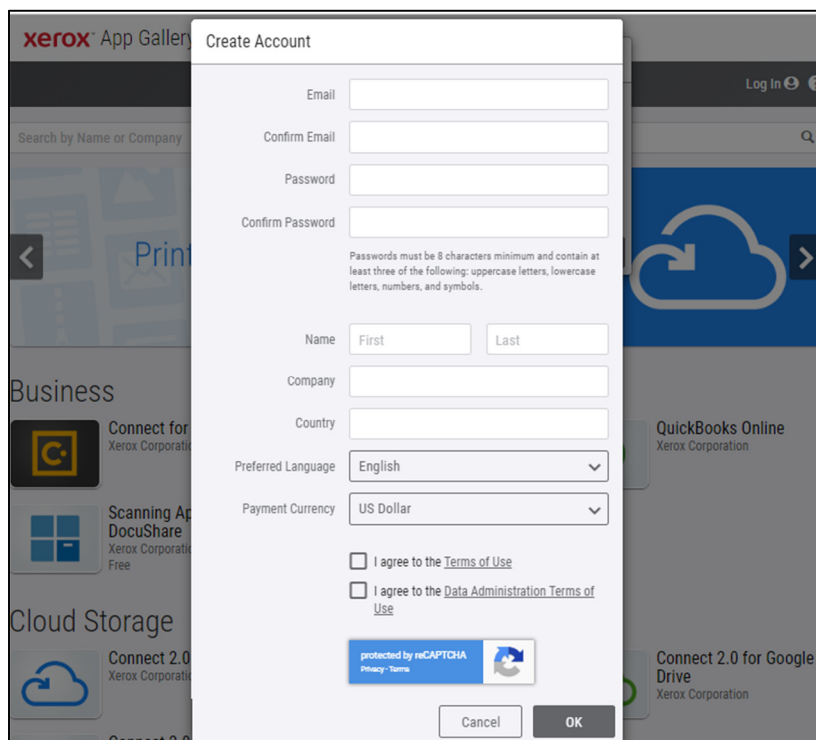
This section describes the steps necessary to configure the Xerox® Connect App for Moodle to work with the Moodle site configured in the previous section.

### Login to Xerox App Gallery

1. Open the URL <https://appgallery.services.xerox.com> in a web browser.
2. You will be prompted to Login to your account.
3. If you have an Account, enter your email address and password. Then click **Login**.

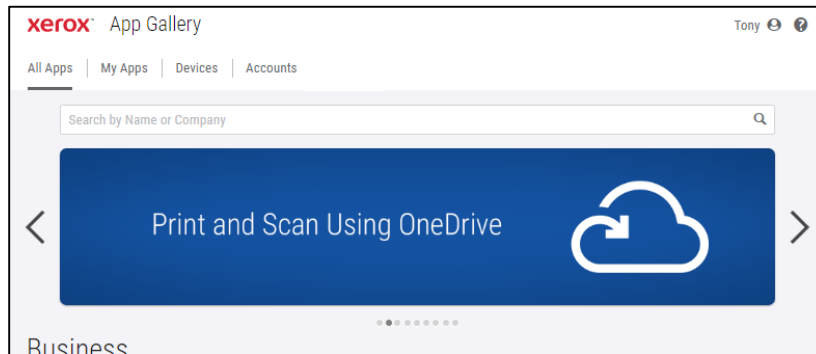
A screenshot of the Xerox App Gallery website with a 'Log In' modal dialog box open. The dialog box has a title bar that says 'Log In'. It contains two input fields: 'Email' and 'Password'. Below these fields are links for 'Forgot Password?' and 'Create Account'. At the bottom of the dialog are 'Cancel' and 'Log In' buttons. The background shows the Xerox App Gallery homepage with a search bar and a large blue banner that says 'Install and manage apps on your Xerox® devices. Create an App Gallery account now...'.

4. If you don't have an Account, click on **Create Account**
  - a. Enter all required fields

A screenshot of the Xerox App Gallery website with a 'Create Account' modal dialog box open. The dialog box has a title bar that says 'Create Account'. It contains several input fields: 'Email', 'Confirm Email', 'Password', 'Confirm Password', 'Name' (with 'First' and 'Last' sub-fields), 'Company', 'Country', 'Preferred Language' (a dropdown menu), and 'Payment Currency' (a dropdown menu). Below these fields is a note: 'Passwords must be 8 characters minimum and contain at least three of the following: uppercase letters, lowercase letters, numbers, and symbols.' There are two checkboxes: 'I agree to the Terms of Use' and 'I agree to the Data Administration Terms of Use'. At the bottom of the dialog are 'Cancel' and 'OK' buttons. The background shows the Xerox App Gallery homepage with various app tiles like 'Print', 'Business', 'Connect for Xerox Corporate', 'Scanning App DocuShare', 'Cloud Storage', 'Connect 2.0', 'QuickBooks Online', and 'Connect 2.0 for Google Drive'.

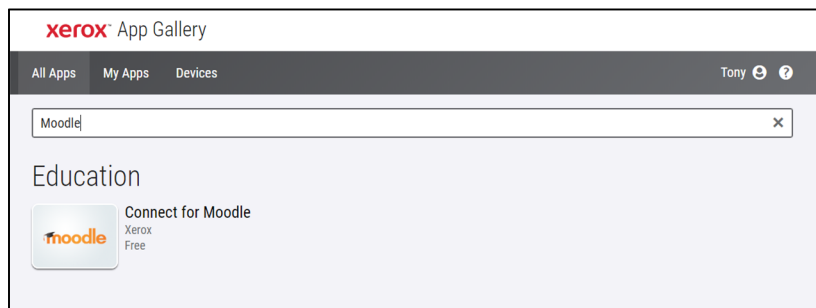
## Find the Connect for Moodle App

1. From the **All Apps** tab, type “Moodle” into the search field



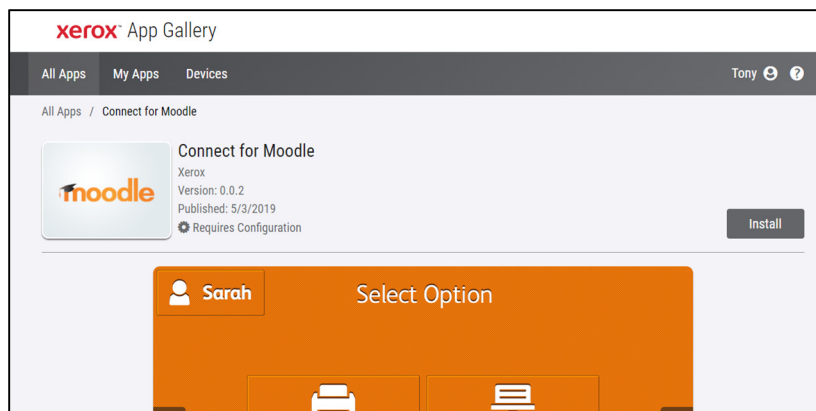
## Open the Connect for Moodle App

1. Click on the **Connect for Moodle** app icon
  - a. This will open the App Details screen



## Open the App Configuration screen

1. Click on **Requires Configuration**
  - a. This will open the App Configuration screen



## Configure the App

1. Enter the proper values for all required fields

**xerox** App Gallery

Configure App

This app requires custom configuration settings. You may customize your settings here before installing the app onto your devices. Any unmodified fields will use the default settings provided by the developer.

Moodle Server URL \*

Moodle Service Short Name \*

Moodle Web Token \*

Enable Print Feature \*

Yes

SNMP String \*

public

Reset To Defaults

Cancel OK

**a. Moodle Server URL**

- This is the URL for the Moodle site, configured in Section 1. (e.g. <https://xeroxdemo.moodlecloud.com>)

**b. Moodle Service Short Name**

- This is the “Short Name” for the External Service created in Section 1. (e.g. XeroxCKApp)

**c. Moodle Web Token**

- This is the “Token” generated for the Service User created in Section 1.

**d. Enable Print Feature**

- When the value is set to ‘Yes’, the Printing feature of the app is enabled.
- When the value is set to ‘No’, the Printing feature for the app is disabled.

**e. SNMP String**

- This is the SNMP public community string for the devices upon which the App is being installed. (e.g. public)

2. Click **OK** to save the App Configuration