


# Guide to Access Token Generation

**Step 1:** Open you Canvas account settings page (<https://canvas.auckland.ac.nz/profile/settings>)



Account

Dashboard

Courses

Calendar

Inbox

Help


Licheng Sun's settings

Notifications

Profile

**Settings**

ePortfolios



### Licheng Sun's Settings

Full name: Licheng Sun  
This name will be used for grading.

Display name: Licheng Sun  
People will see this name in discussions, messages and comments.

Sortable name: Sun, Licheng  
This name appears in sorted lists.

Language: System default (English (United Kingdom))

Time Zone: Auckland

#### Conversations Inbox Opt-out


☐ Disable the Conversation's Inbox unread messages badge and send all conversation messages and notifications via email, ASAP.

#### Web services

Canvas can make your life a lot easier by tying itself in with the web tools you already use. Click any of the services in "Other services" to see what we mean.


☒ Let fellow course/group members see which services I've linked to my profile


#### Registered services


 Google Drive  
[view your profile lsun457@aucklanduni.ac.nz](#)


#### Other services


Click any service below to register:

 Skype

 LinkedIn

 Twitter

 Delicious

 Dailymotion

#### Ways to contact

##### Email addresses

lsun457@aucklandu...	★
----------------------	---

##### Other contacts

Other contacts	Type
For all devices	push

Edit settings

Download submissions

## Step 2:

Open your browser's developer console.

- If you are using Chrome, either press the F12 key on your keyboard or right click and choose Inspect (CTRL + Shift + I)
- If you are using Firefox, either press the F12 key on your keyboard or right click and choose Inspect Element (CTRL + Shift + I)
- If you are using Safari go to Settings/Advanced and check the checkbox with "Show develop tools" or right click and choose Inspect Element

The screenshot displays a web browser window with a settings page for 'Licheng Sun' and a developer console open on the right.

**Settings Page:**

- Account:** Licheng Sun's Settings
- Notifications:** Profile, Files, Settings (selected), ePortfolios
- Profile:** Full name: Licheng Sun, Display name: Licheng Sun, Sortable name: Sun, Licheng, Language: System default (English (United Kingdom)), Time Zone: Auckland
- Ways to contact:** Email addresses: lsun457@aucklandu..., Other contacts: For all devices, push
- Conversations Inbox Opt-out:** ☐ Disable the Conversation's Inbox unread messages badge and send all conversation messages and notifications via email, ASAP.
- Web services:** Canvas can make your life a lot easier by tying itself in with the web tools you already use. Click any of the services in "Other services" to see what we mean. ☒ Let fellow course/group members see which services I've linked to my profile
- Registered services:** Google Drive (view your profile lsun457@aucklandu.ac.nz)
- Other services:** Click any service below to register: Skype, LinkedIn, Twitter, Delicious, Digo

**Developer Console:**

```
<!doctype html>
<html class dir="ltr" lang="en-GD">
  <head>...</head>
  <body class="with-left-side course-menu-expanded with-right-side
profile_settings primary-nav-expanded content-user_113942 website chrome no-touch">...</body>
</html>
```

### Step 3:

Search using the CTRL + F command to find the keyword: "New access token"

The screenshot shows the Chrome DevTools interface with the 'Elements' panel open. The HTML document structure is visible, showing a series of nested divs. The search bar at the bottom of the 'Elements' panel contains the text 'new access token'. The search results are displayed in the 'body' tab, showing the HTML structure. The search results are as follows:

```
... body
new access token 1 of 2 Cancel
Styles Event Listeners DOM Breakpoints Properties Accessibility
Filter :hov .cls +
```

The HTML structure shown in the 'Elements' panel is as follows:

```
<body class="with-left-side course-menu-expanded with-right-side
profile_settings primary-nav-expanded context-user_113342 webkit chrome no-
touch"> == $0
  <noscript>...</noscript>
  <ul id="flash_message_holder"></ul>
  <div id="flash_screenreader_holder" role="alert" aria-live="assertive"
aria-relevant="additions" class="screenreader-only" aria-atomic="false">
</div>
  <div id="application" class="ic-app">
    <header id="header" class="ic-app-header no-print ">...</header>
    <div id="instructure_ajax_error_box">...</div>
    <div id="wrapper" class="ic-Layout-wrapper">
      <div class="ic-app-nav-toggle-and-crumbs no-print">...</div>
      <div id="main" class="ic-Layout-columns">
        <div class="ic-Layout-watermark"></div>
        <div id="left-side" class="ic-app-course-menu list-view" style=
"display: block">...</div>
        <div id="not_right_side" class="ic-app-main-content">
          <div id="content-wrapper" class="ic-Layout-contentWrapper">
            <div id="content" class="ic-Layout-contentMain" role="main">
              <a class="avatar profile_pic_link submitted" style="background-
image: url(https://canvas.auckland.ac.nz/images/thumbnails/
3348770/jHjL4x8xa2mCXIbuOdP3S6Jzkcca0Ma7ZbqheXK4)" href="#" title=
"Click to change profile pic">...</a>
              <h1 style="padding-top: 0.3em;">Licheng Sun's Settings</h1>
              <div class="clear"></div>
              <form id="update_profile_form" style="margin-bottom: 20px;"
class="form-inline" action="/profile" accept-charset="UTF-8"
method="POST">...</form>
              <div style="display: none; margin-bottom: 20px;">...</div>
              <h2>Conversations Inbox Opt-out</h2>
              <p>...</p>
              <a name="registered_web_services"></a>
              <h2>Web services</h2>
              <p>...</p>
              <p>...</p>
              <p>...</p>
              <table role="presentation" style="width: 100%;">...</table>
              <h2>Approved integrations:</h2>
              <div style="margin-left: 20px;">
                <div id="access_tokens_holder" style>...</div>
                <div style="margin-top: 10px;">
                  <a href="#" class="btn btn-primary add_access_token_link"
style="display: none;">
                    <i class="icon-plus" aria-hidden="true"></i>
                    " New access token"
                  </a>
                </div>
                <div id="token_details_dialog" style="display: none;" title=
"Access token details">...</div>
                <div id="add_access_token_dialog" style="display: none;" title=
"New access token">...</div>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
```


#### Step 4:

Delete the text: style="display: none;"

```

    <table role="presentation" style="width: 100%;">...</table>
    <h2>Approved integrations:</h2>
    <div style="margin-left: 20px;">
      <div id="access_tokens_holder" style>...</div>
      <div style="margin-top: 10px;">
        <a href="#" class="btn btn-primary add_access_token_link"
          style="display: none;" == $0
          <i class="icon-plus" aria-hidden="true"></i>
            " New access token"
          </a>
        </div>







```



Upon deletion of the code, press the Enter key and a New access token button should appear on your web page.


## Approved integrations:

These are the third-party applications you have authorised to access the Canvas site on your behalf:

App	Purpose	Dates	
Canvas for Android	CLT-L29	Expires: never Last used: 20 Jun at 11:08	details 
MyAucklandUni - Student Portal		Expires: 28 Feb 2018 at 22:15 Last used: 28 Feb 2018 at 21:15	details 
Canvas for Android	E6653	Expires: never Last used: 6 Apr 2017 at 18:25	details 
Canvas Polls	E6653	Expires: never Last used: 8 Mar 2017 at 13:43	details 
Canvas for Android	ONEPLUS_A3010	Expires: never Last used: 12 Jan 2018 at 23:07	details 
Canvas for Android	LG-H990	Expires: never Last used: 19 Oct 2018 at 20:56	details 

+ New access token



Refer to this video for a visual example of this entire step: 

#### Step 5:

Close the developer console and click the new access token button.

Fill in the Purpose box with an arbitrary reason for use and leave the Expires box blank. Click on Generate Token.

### Approved integrations:

These are the third-party applications you have authorised to access the Canvas site on your behalf:

App	Purpose	Dates	
User-Generated	Use canvas api	Expires: never Last used: --	details
Canvas for Android	CLT-L29	Expires: never Last used: 20 Jun at 11:08	details
MyAucklandUni - Student Portal		Expires: 28 Feb 2018 at 22:15	details
Canvas for Android	E6653		
Canvas Polls	E6653		
Canvas for Android	ONEPLUS_A3010		
Canvas for Android	LG-H990		

+ New access token

New access token

Generate an access token

Access tokens are what allow third-party applications to access Canvas resources on your behalf. These tokens are normally created automatically for applications as needed, but if you're developing a new or limited project [you can just generate the token from here.](#)

Purpose:

Use canvas api

Expires:

leave blank for no expiration

Cancel

Generate token

### Feature Options

High contrast UI

High Contrast enhances the colour contrast of the UI (text, buttons, etc.) making it easier to read and use. Note: Institution branding will be disabled.

Note your access token text; save it somewhere.

**Approved integrations:**

These are the third-party applications you have authorised to access the Canvas site on your behalf:

App	Purpose	Dates	
User-Generated	Use canvas api	Expires: never Last used: --	details
Canvas for Android	CLT-L29	Expires: never Last used: 20 Jun at 11:08	details
MyAucklandUni - Student Portal		Expires: 28 Feb 2018 at 22:15	
Canvas for Android	E665		
Canvas Polls	E665		
Canvas for Android	ONE		
Canvas for Android	LG-H		
User-Generated	Use c		

[+ New access token](#)

**Access token details** ×

Access tokens can be used to allow other applications to make API calls on your behalf. You can also generate access tokens and use the Canvas Open API to come up with your own integrations.

Token: **6199~Zb**

Copy this token down now. Once you leave this page you won't be able to retrieve the full token anymore, you'll have to regenerate it to get a new value.

App: User-Generated

Purpose: Use canvas api

Created: 14 Jul at 16:25

Last used: --

Expires: never

[Regenerate token](#)

**Feature Options**

Once you exit and refresh the page, you will not be able to retrieve the full token anymore. You will have to go through all five steps again to regenerate a new value.