

Lab Set-Up document

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General Requirements

- Each participant will need a computer to perform the lab. This computer will need Internet connectivity throughout the training.
- The computer should be able to initiate RDP connections and make HTTP requests to arbitrary machines in the Internet.
- The participant will need enough administrative rights on the machine to be able to run commands / install software, as necessary.
- There should be no hardware/software firewall that blocks access to certain on ports such as 22, 3389, 80, 443 etc.
- Azure PowerShell (follow instructions in the subsequent sections)
- Download and install any of the modern browsers such as Firefox / Chrome
- Download **Git** for your respective Operating System:
<https://www.atlassian.com/git/tutorials/install-git>

System Requirements:

- **OS** - Windows 7 with SP1/ Windows 8/Windows 10
- **Hardware requirements**
- **2 GHz + modern processor**
- **4 GB or higher RAM**

Software Prerequisites:

Putty & Puttygen for Running Azure Linux Virtual Machines (Optional If required in Hands-On Lab)

These are required only if you are using Windows Desktop. For Linux / MacOS Desktop not required.

Putty

- <https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html>

Putty Installation Guide:

- https://www.puttygen.com/download-putty#Using_SSH_in_PuTTY_Windows

Puttygen

- Once you install the Putty, you are ready to use Puttygen

Windows PowerShell (Optional If required in Hands-On Lab)

Most modern laptops / desktops running Windows 7 onwards have Windows PowerShell already installed but depending on the OS they may be outdated. Follow the instructions in the link below to download and install/update to the latest version of Windows PowerShell.

- For Windows
<https://docs.microsoft.com/en-us/powershell/scripting/install/installing-powershell-core-on-windows?view=powershell-7>
- For Linux
<https://docs.microsoft.com/en-us/powershell/scripting/install/installing-powershell-core-on-linux?view=powershell-7>
- For MacOS
<https://docs.microsoft.com/en-us/powershell/scripting/install/installing-powershell-core-on-macos?view=powershell-7>

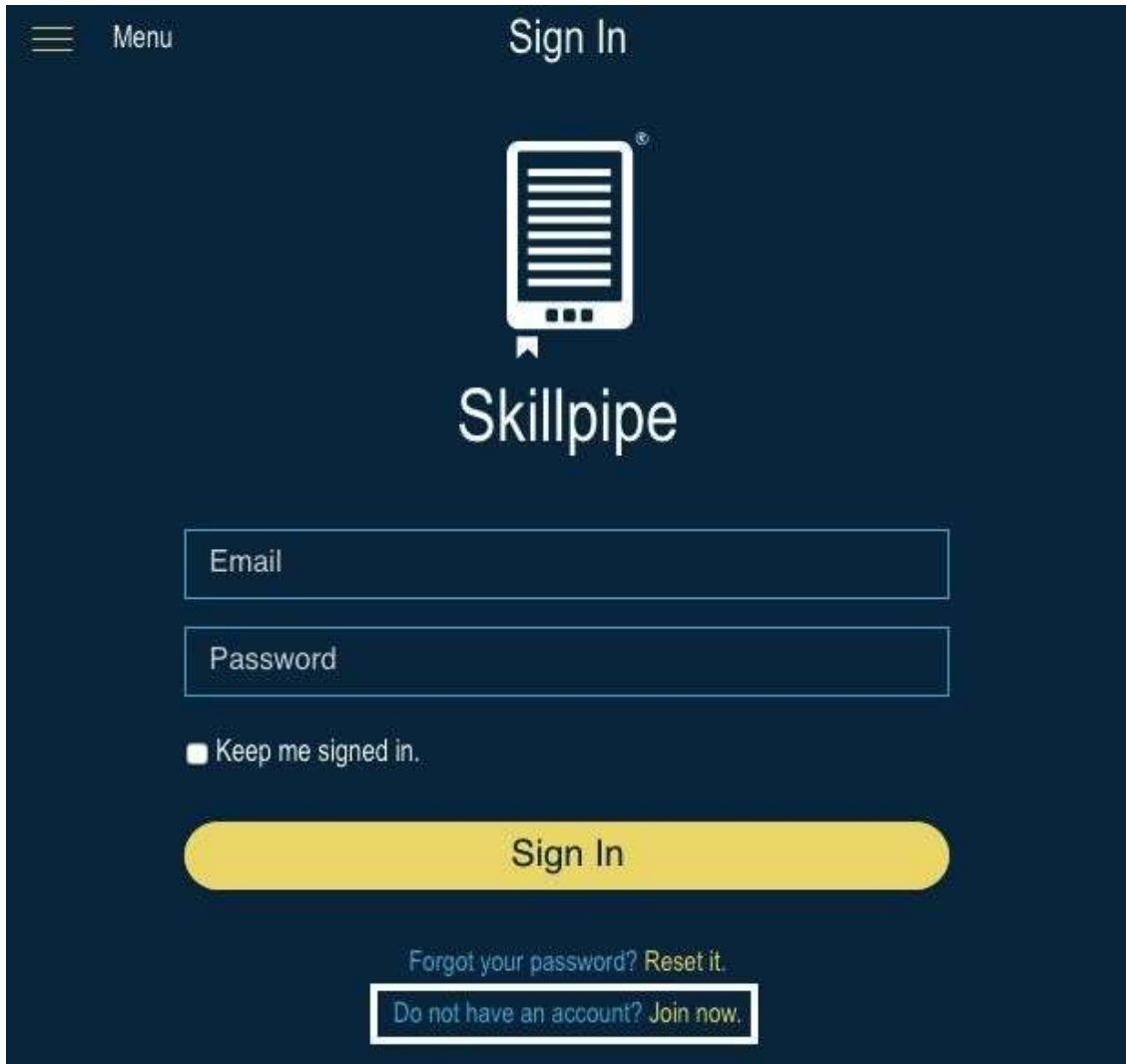
A modern browser

- Mozilla Firefox
- Google Chrome

Important:

Skillpipe account:

- Open <https://skillpipe.com/>, click on Join now at the bottom of the page.



The screenshot shows the Skillpipe Sign In page. At the top left is a 'Menu' icon. The title 'Sign In' is at the top right. In the center is a smartphone icon with the Skillpipe logo below it. Below the logo are two input fields for 'Email' and 'Password'. Under the password field is a checkbox labeled 'Keep me signed in.'. A large yellow 'Sign In' button is below the checkbox. At the bottom, there are two links: 'Forgot your password? Reset it.' and 'Do not have an account? Join now.', with the latter link highlighted by a white box.

- Enter details such as First Name, Last Name, Email Address, Password & Agree to terms and conditions. Click Register to complete registration.

Menu

Registration

Done

Jason

1

Bourne

2

jasonbourne@masterhadoop.net

3

jasonbourne@masterhadoop.net

3

.....

4

.....

4

☒ I have read and agree to the [Terms and Conditions](#) and the [Privacy Policy](#).

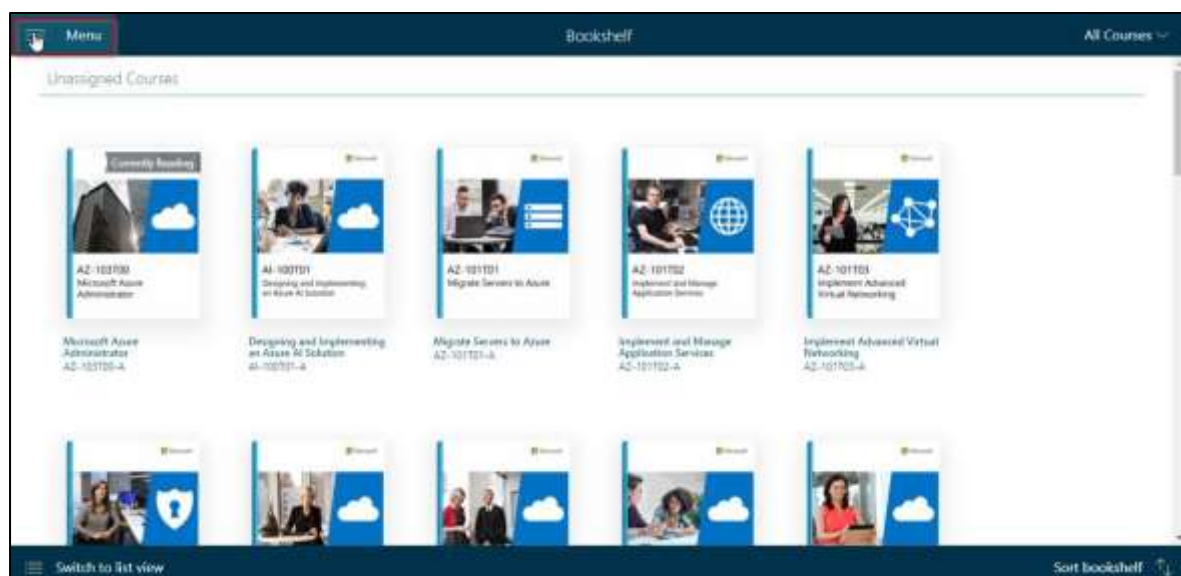
Register

Already have an account? [Back to login](#)

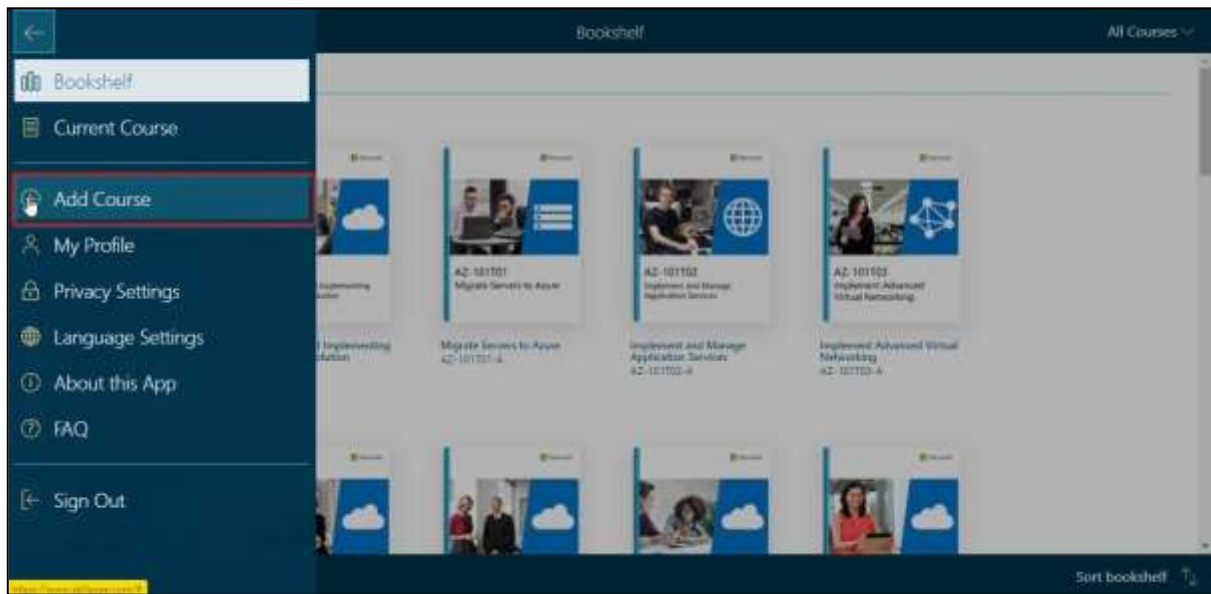
- After Registration, Login using the same credentials.

How to access your Course:

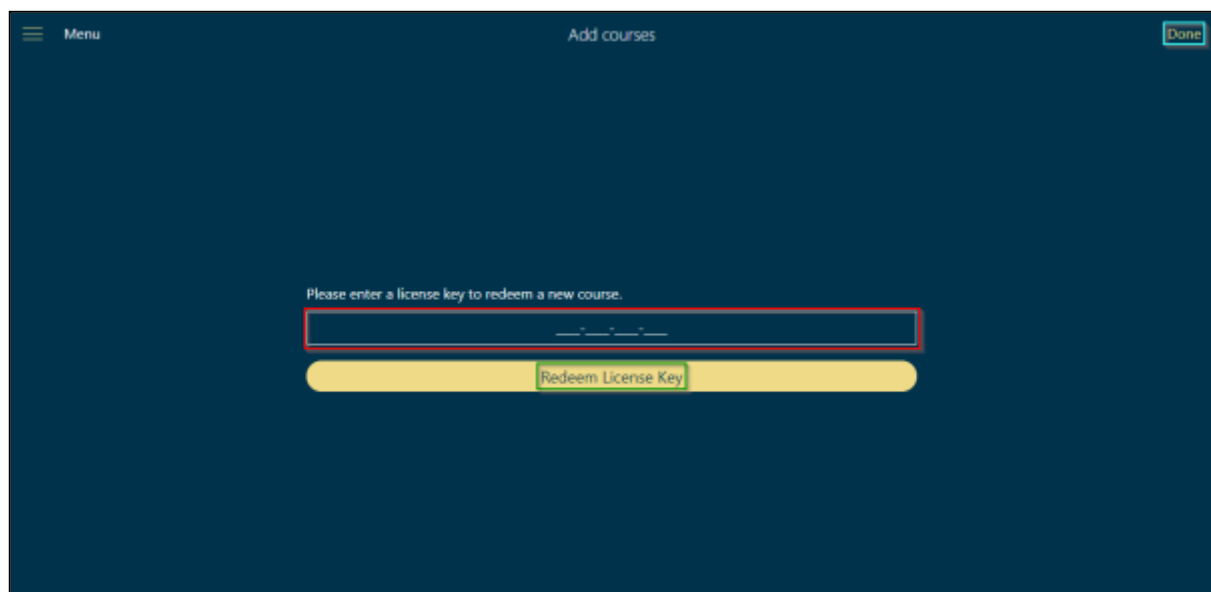
- Click on menu icon



- Click on add course



- Enter the **Licence code** (MOC Code) and click on **redeem license key** and click on **Done**.



- Your course will be available in the bookshelf at the menu button.