

LAB: Create an IAM User and Group

You need:

- An active AWS Account with Root Account Access

Duration of the Lab: 15 Minutes.

Goal: Create an “everyday” IAM User

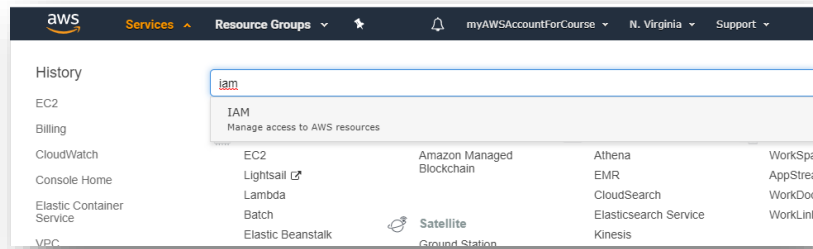
Difficulty: Very easy.

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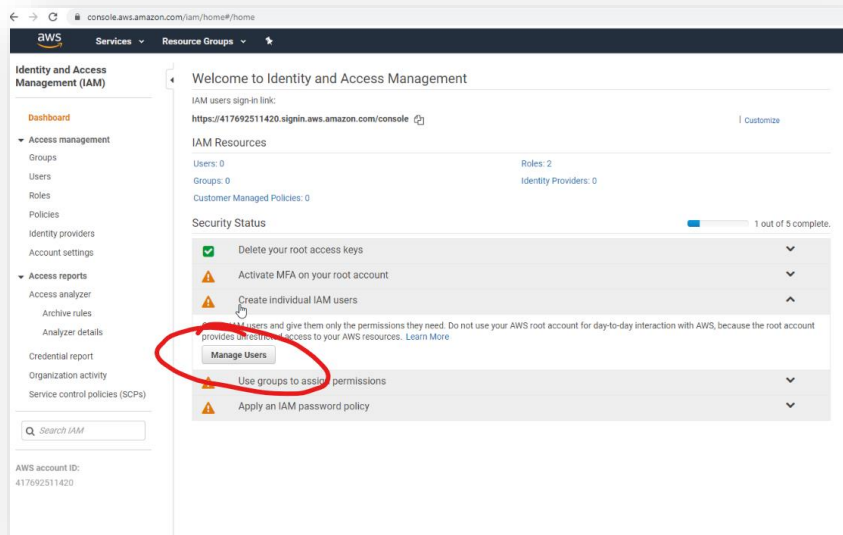
Create a new User

Log into the IAM dashboard:

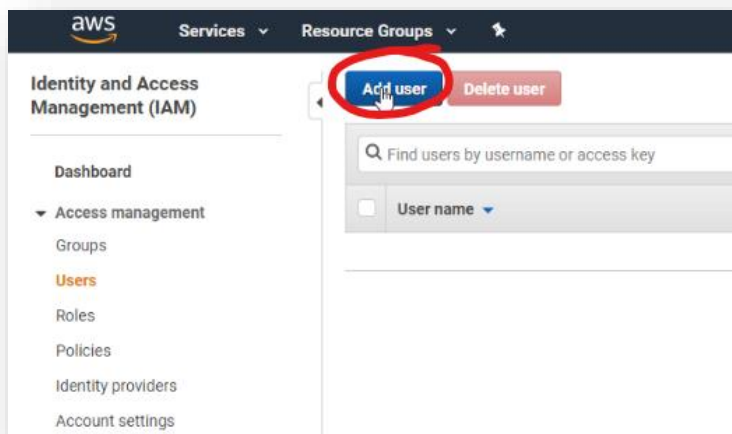


On the Dashboard you are already greeted with a few action items.

Click on “Create Individual IAM Users” and then Manage Users.



Add a new User:



Give the user a name and a password:

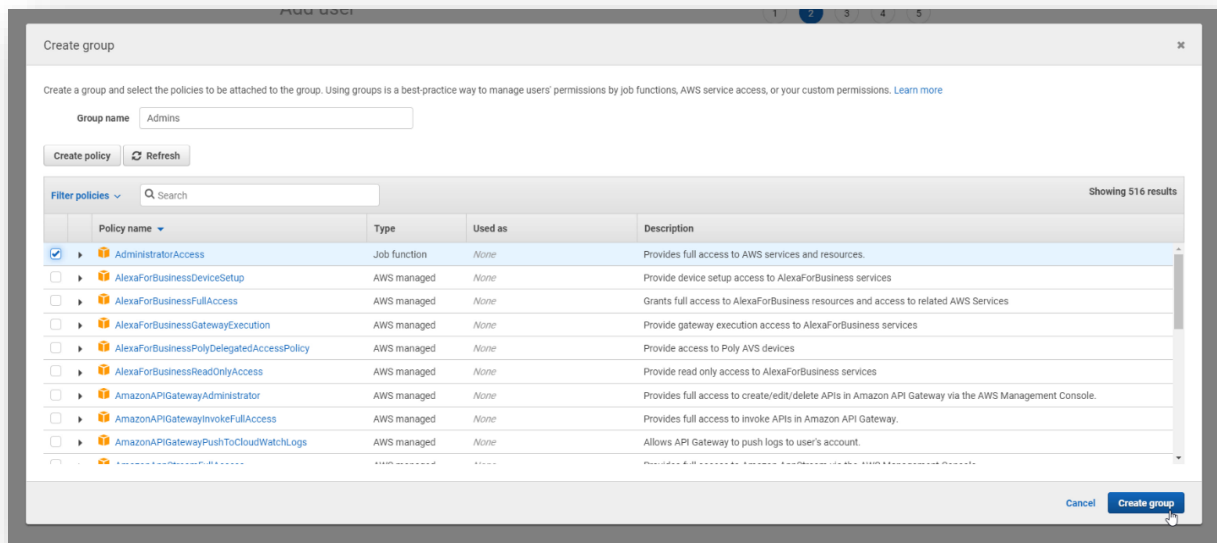
The screenshot shows the 'Add user' console interface. At the top, there are five numbered steps: 1, 2, 3, 4, and 5. Step 1 is selected. The section is titled 'Set user details'. Below the title, there is a note: 'You can add multiple users at once with the same access type and permissions. [Learn more](#)'. The 'User name*' field contains 'mytami/user' and is circled in red. Below it is a link 'Add another user'. The 'Select AWS access type' section has two options: 'Access type*' with 'Programmatic access' selected (checkbox checked) and 'AWS Management Console access' selected (checkbox checked). Below these, the 'Console password*' section is circled in red. It has two options: 'Autogenerated password' (radio button selected) and 'Custom password' (radio button unselected). Below 'Custom password' is a password field with a strength indicator and a 'Show password' link. At the bottom, there is a 'Require password reset' section with a checkbox and a description: 'User must create a new password at next sign-in. Users automatically get the `IAMUserChangePassword` policy to allow them to change their own password.'

Add the user to a group:

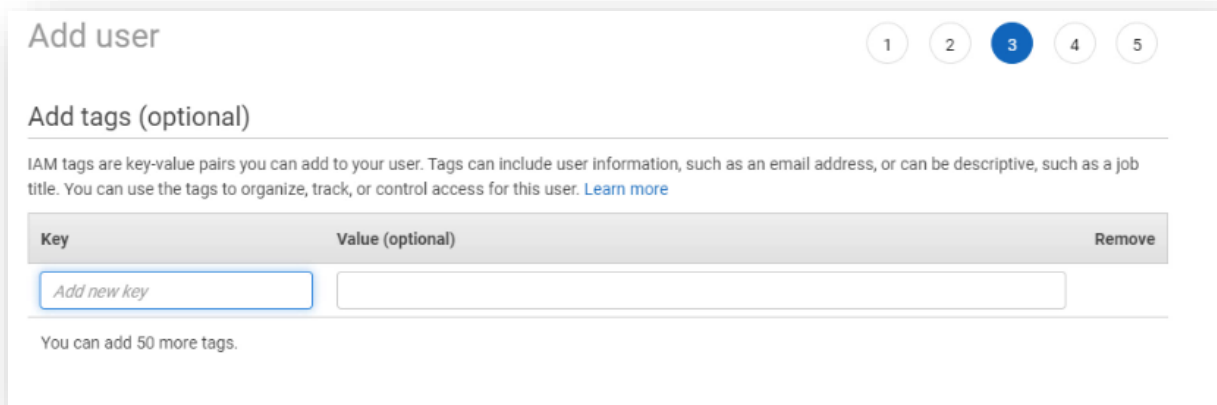
The screenshot shows the 'Add user' console interface, step 2: Set permissions. At the top, there are five numbered steps: 1, 2, 3, 4, and 5. Step 2 is selected. The section is titled 'Set permissions'. Below the title, there are three buttons: 'Add user to group' (selected), 'Copy permissions from existing user', and 'Attach existing policies directly'. Below these buttons is a blue box with the title 'Get started with groups' and the text: 'You haven't created any groups yet. Using groups is a best-practice way to manage users' permissions by job functions, AWS service access, or your custom permissions. Get started by creating a group. [Learn more](#)'. Below this text is a 'Create group' button. At the bottom, there is a section titled 'Set permissions boundary'.

Attach a policy

Attach the Administrator policy to the Group:



You can add tags, but we're skipping this for now:



Review your user and then click “Create user”:

Add user

12345

Review

Review your choices. After you create the user, you can view and download the autogenerated password and access key.

User details

User name	thomasw
AWS access type	Programmatic access and AWS Management Console access
Console password type	Custom
Require password reset	No
Permissions boundary	Permissions boundary is not set

Permissions summary

The user shown above will be added to the following groups.

Type	Name
Group	Admins

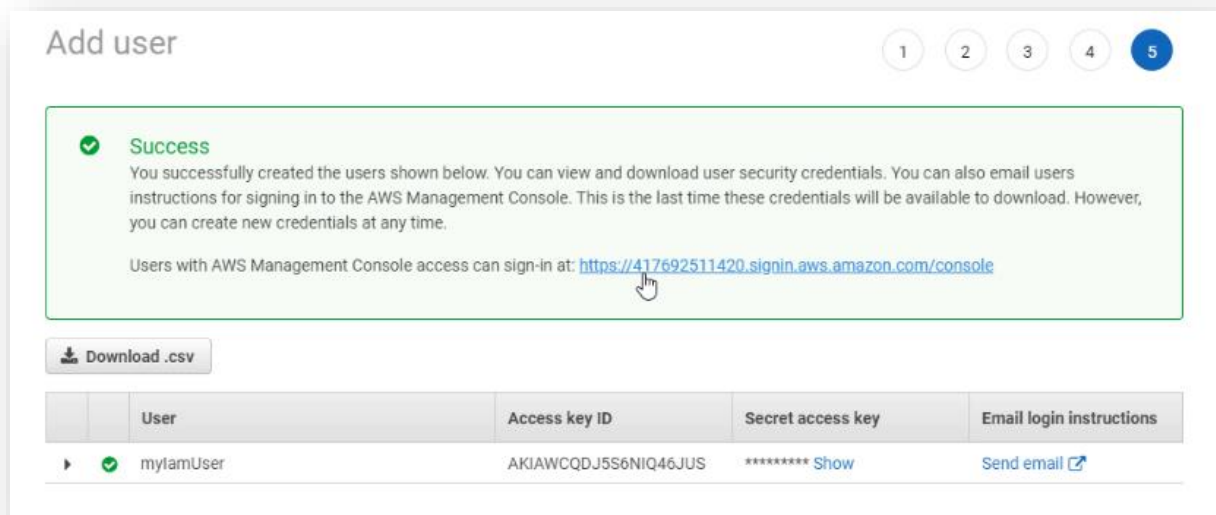
Tags

No tags were added.

CancelPreviousCreate user

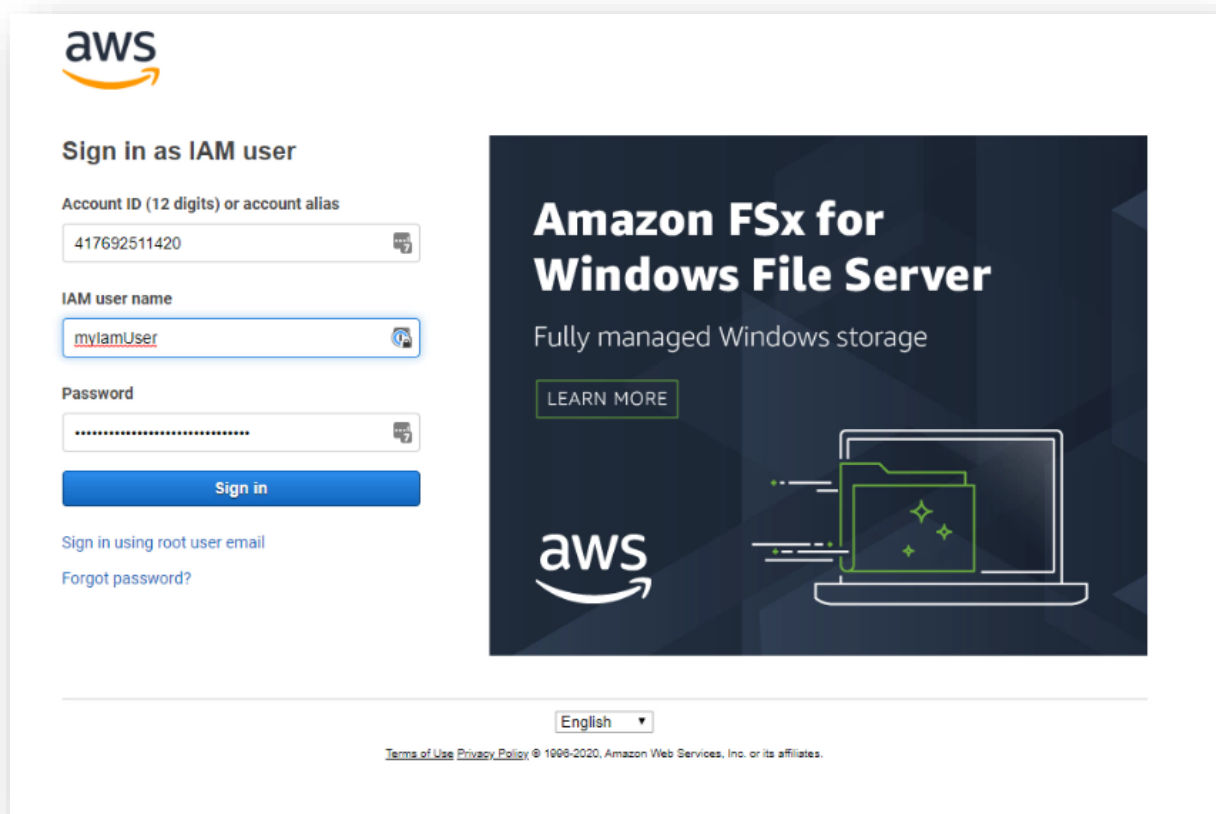
Next you will see two things:

1. The separate login url for your IAM login page
2. The credentials to download for API (CLI) access to AWS. Download them and keep them safe for later.

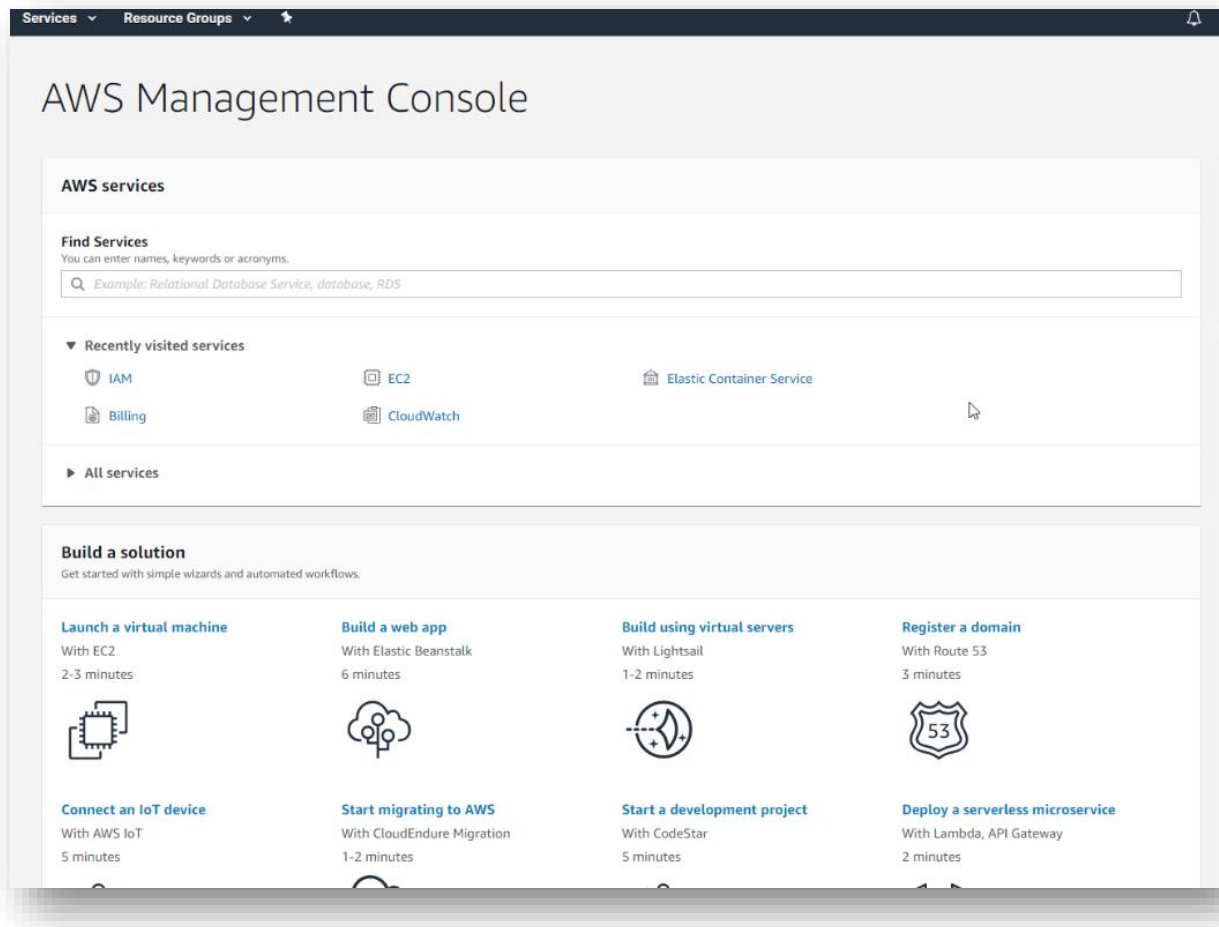


Login with the new IAM User

Click on the URL to sign in with your new IAM user. You will automatically be logged out:



Enter your credentials and hit "Sign in".



You are back at the console with your ever-day Administrative access IAM user.

Lab Finished
