**AWS Identity and Access Management**

**Agenda**

1. **Create an Administrators group**
2. **Create a user for yourself and add that user to the Administrators group.**
3. **Create a password for your user so you can sign in to the AWS Management Console.**
4. **How User Sign in**

* **Create an Administrators group** and give the group permission to access all of your AWS account's resources.
* **Create a user for yourself** and add that user to the Administrators group.
* **Create a password for your user** so you can sign in to the AWS Management Console.

You will grant the Administrators group permission to access all your available AWS account resources. Available resources are any AWS products you use, or that you are signed up for. Users in the Administrators group can also access your AWS account information, except for your AWS account's security credentials.

# Creating an Administrators Group

## AWS Management Console

This procedure describes how to create an IAM group named Administrators, grant the group full permissions for all AWS services, create an IAM user for yourself, and add the user to the Administrators group.

**To create a group for administrators**

1. Sign in to the AWS Management Console and open the IAM console at<https://console.aws.amazon.com/iam/>.
2. In the navigation pane, choose **Groups**, and then choose **Create New Group**.
3. For **Group Name**, type a name for your group, such as **Administrators**, and then choose **Next Step**.
4. In the list of policies, select the check box next to the **AdministratorAccess** policy. You can use the **Filter** menu and the **Search** box to filter the list of policies.
5. Choose **Next Step**, and then choose **Create Group**.

Your new group is listed under **Group Name**.

**To create an IAM user for yourself, add the user to the administrators group, and create a password for the user**

1. In the navigation pane, choose **Users**, and then choose **Create New Users**.
2. In box **1**, type a user name. Clear the check box next to **Generate an access key for each user**. Then choose **Create**.
3. In the list of users, choose the name (not the check box) of the user you just created. You can use the **Search** box to search for the user name.
4. In the **Groups** section, choose **Add User to Groups**.
5. Select the check box next to the administrators group. Then choose **Add to Groups**.
6. Scroll down to the **Security Credentials** section. Under **Sign-In Credentials**, choose**Manage Password**.
7. Select **Assign a custom password**. Then type a password in the **Password** and**Confirm Password** boxes. When you are finished, choose **Apply**.

You have created an IAM group named Administrators, granted full permissions for all AWS services to the group, created an IAM user for yourself, and added the user to the group. You can use the same process to create more groups and users, and to give your users access to your AWS account resources

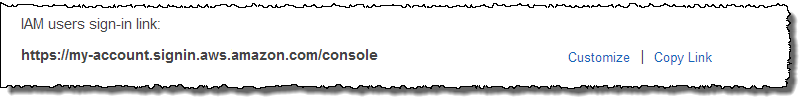
# **How Users Sign In to Your Account**

After you create IAM users and passwords for each, users can sign in to the AWS Management Console for your AWS account with a special URL.

By default, the sign-in URL for your account includes your account ID. You can create a unique sign-in URL for your account so that the URL includes a name instead of an account ID.

The sign-in endpoint follows this pattern:

https://*AWS-account-ID-or-alias*.signin.aws.amazon.com/console

You can find the global sign-in URL for an account on the IAM console dashboard.

**Tip**

To create a bookmark for your account's unique sign-in page in your web browser, you should manually enter your account's sign-in URL in the bookmark entry. Don't use your web browser's "bookmark this page" feature.

IAM users in your account have access only to the AWS resources that you specify in the policy that is attached to the user or to an IAM group that the user belongs to. To work in the console, users must have permissions to perform the actions that the console performs, such as listing and creating AWS resources