AWS ASSOCIATE SET-UP

DEVOPSANDBEYOND

Project

ABC Consulting has hired devopsandbeyond to build a scalable static hosting environment. This environment will use both windows and linux based web servers.

- Billing Alerts
- IAM configuration
- SAND-VPC

https://docs.aws.amazon.com/IAM/latest/UserGuide/tutorial_billing.html

IAM Account Configuration

Tasks

- Create accounting group
- Create a billing user AWS account.
- Create admin User
- Create custom URL
- Test logins

Steps

Step 1: Enable Access to Billing Data on Your AWS Test Account

Step 2: Create IAM Policies That Grant Permissions to Billing Data

Step 3: Attach Billing Policies to Your Groups

Step 4: Test Access to the Billing Console

Once you've completed the core tasks, you're ready to test the policy. Testing ensures that the policy works the way you want it to.

Create billybiller

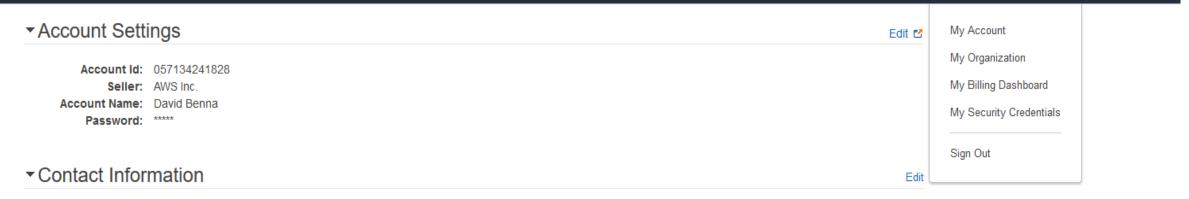
User name* billybiller@accounting.nodomain Add another user Select AWS access type Select how these users will access AWS. Access keys and autogenerated passwords are provided in the last step. Learn more Access type* Programmatic access Enables an access key ID and secret access key for the AWS API, CLI, SDK, and other development tools. **AWS Management Console access** Enables a password that allows users to sign-in to the AWS Management Console. Console password* Autogenerated password Custom password Show password

Require password reset User must create a new password at next sign-in

Accounting Group

Create group Create a group and select the policies to be attached to the group. Using groups is a best-practice way to manage users' permissions by job functions, AWS service access, or your custom perm Group name accounting Refresh Create policy To grant your IAM users and roles access to your account billing information and tools, the root user must follow the steps to enable billing access in this procedure Q billing Filter: Policy type ~ Policy name -Attachments • Description Type **ii** Billing Job function Grants permissions for billing and cost management. This includes

Enable IAM Under Account Settings



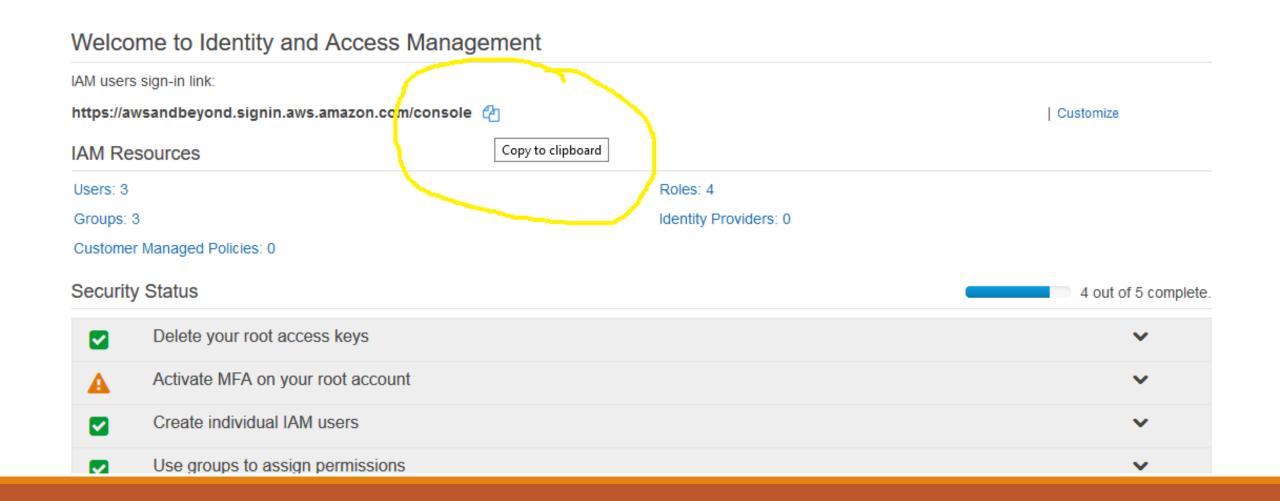
Please note that updating your contact information on this page will not update the information displayed on your PDF Invoices. If you wish to update the billing address information associated with your Invoice, please edit it through the Payment Methods page, located here.

▼IAM User and Role Access to Billing Information

You can give IAM users and federated users with roles permissions to access billing information. This includes access to Account Settings, Payment Methods, and Report pages. You control which users and roles can see billing information by creating IAM policies. For more information, see Controlling Access to Your Billing Information.



Test Billy Biller



Create auditor@security.nodomain

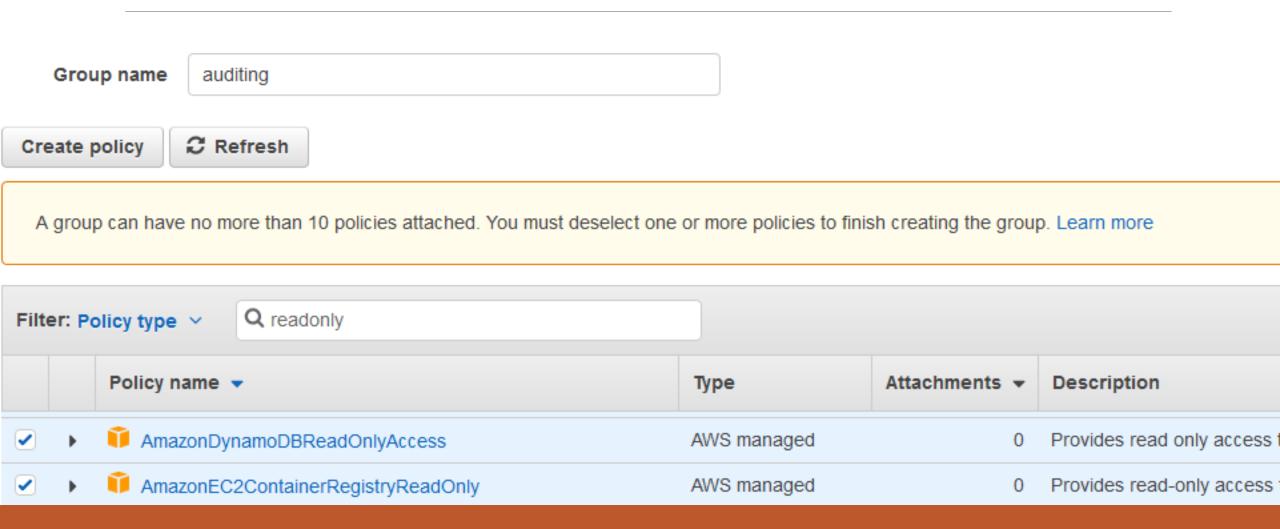
Set user details	
You can add multiple users at once with the same access type and permissions. Learn more	
User name*	auditor@security.nomain
	◆ Add another user
Select AWS access type	
Select how these users will access AWS. Access keys and autogenerated passwords are provided in the last step. Learn more	
Access type*	Programmatic access Enables an access key ID and secret access key for the AWS API, CLI, SDK, and other development tools.
	✓ AWS Management Console access Enables a password that allows users to sign-in to the AWS Management Console.
Console password*	Autogenerated passwordCustom password

IAM Study Links

IAM AWS LABS: (each is a link)

- Tutorial: Delegate Access to the Billing Console
- Tutorial: Delegate Access Across AWS Accounts Using IAM Roles
- <u>Tutorial: Create and Attach Your First Customer Managed Policy</u>
- Tutorial: Enable Your Users to Configure Their Own Credentials and MFA Settings

Create auditing group



Test Access

- Create custom URL
- Test billybiller and your gmail login

