

*Manage IAM Group and User Permissions on AWS

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You are the administrator of the AWS account at a fast growing company called Globomantics. You work alongside Sue, one of the new team leads.

You'd like Sue to be able to create IAM users for new developers that join the organization. However, you'd like all users to have limited access to specific resources, for example, Amazon RDS.

In order to achieve this, you will first need to create a user for Sue with a permissions boundary attached to it. With this boundary in place, each new user that she creates will need to have a specific managed policy attached to it that limits their permissions - if it isn't present, user creation will fail. Next, you will need to create a group that grants the permissions required to access Amazon RDS. Lastly, you will need to add Sue to this group.

In the AWS Console, navigate to the IAM dashboard by searching for IAM in the search bar, and selecting the relevant result under Services.

Under the left-hand menu, select Users.

Select Add user.

In the User name field, enter Sue.

Under the Select AWS access type section, select AWS Management Console access, and then select Next: Permissions.

Scroll down to reveal the Set permissions boundary section, and then select it to open it.

Select Use a permissions boundary to control the maximum user permissions.

In the search bar, enter GlobomanticsTeamLeadUserBoundary, select the result that appears, and then select Next: Tags.

Select Next: Review, and then select Create user.

Towards the top of the screen, you will see a message stating the user has been created successfully.

Create an IAM Group

Under the left-hand menu, select User groups.

Note: You will need to click the Close button after creating a successful user in the last challenge.

Towards the right-hand side of the screen, select Create group.

In the User group name field, enter
GlobomanticsTeamLeadAccess.

Under the Attach permissions policies section, search for
AmazonRDSFullAccess and select the result that appears.

Select Create group.

Towards the top of the screen, you will see a message stating the
user group has been created successfully.