Managing Identities

Contents

EIAM Concepts

This section describes the basic concepts involved with EIAM.

Accounts	Accounts are the primary unit for resource usage accounting. Each account is a separate name space and is identified by its UUID (Universal Unique Identifier).
Account Entities	Account entities are the various elements associated with EIAM accounts on which specific actions are performed — this includes the account itself, users, groups, and resources. Each type of account entity has a unique identifier.
Groups	Groups are used to share resource access authorizations among a set of users within an account. Users can belong to multiple groups.
Permissions	Permissions refer to the allowing or not allowing of access by a user or group to a particular resource.
Policy	Policy refers to a formal statement with respect to the issuing of permissions. Policies can be assigned to either users or groups. Once a policy is assigned, the named entities receive the associated permissions to interact with the resources specified. Eucalyptus uses a JSON policy language.
Resource	A resource is an entity with which AWS/Eucalyptus users interact (e.g., VM images, instances, volumes, etc.). Resources have friendly names (such as TestMachine or TestVolume) as well as an ARN/ERN used to identify resources within the AWS/Eucalyptus policy language.
Users	Users are subsets of accounts and are added to accounts by an appropriately credentialed administrator. While the term ‘user’ typically refers to a specific person, in EIAM, a ‘user’ is defined by a specific set of credentials generated to enable access to a given account. Each set of user credentials is valid for accessing only the account for which they were created. Thus a user only has access to one account within a Eucalyptus system. If an individual person wishes to have access to more than one account within a Eucalyptus system, a separate set of credentials must be generated (in effect a new ‘user’) for each account (though the same username and password can be used for different accounts).

Adding an Account

How to add an account.

To add a new account:

1. Click **All Accounts** in the Quick Links section.
   The **Accounts** page displays.
2. Click **New account** in the **Accounts** page.
   The **Create a new account** popup displays.
3. Enter an account name in the **Account name** field and click **OK**.

The new account displays in the list on the **Accounts** page.

Deleting an Account

How to delete an account.

To delete an account:

1. Click **All Accounts** in the Quick Links section.
   The **Accounts** page displays.
2. Click the **ID** of the account you want to delete.
   The account, name, and Registration status are highlighted.
3. Click **Delete accounts**.
   The **Delete selected accounts** popup displays.
4. Verify that the displayed account is the one you want, and click **OK**.

The account no longer displays in the list on the **Accounts** page.

Approving an Account

How to delete an account.

To approve an account:

1. Click **All Accounts** in the Quick Links section.
   The **Accounts** page displays.
2. Click the **ID** of the account you want to delete.
   The account, name, and Registration status are highlighted.
3. Click **Approve**.
   The **Approve selected accounts** popup displays.
4. Verify that the displayed account is the one you want, and click **OK**.

The account's registration status displays as **CONFIRMED** on the **Accounts** page.

Rejecting an Account

How to reject an account.

To reject an account:

1. Click **All Accounts** in the Quick Links section.
   The **Accounts** page displays.
2. Click the **ID** of the account you want to delete.
   The account, name, and Registration status are highlighted.
3. Click **Reject**.
   The **Reject selected accounts** popup displays.
4. Verify that the displayed account is the one you want, and click **OK**.

The account's registration status displays as **???** on the **Accounts** page.

Adding a Policy

How to add a policy.

To add a policy:

1. Click **All Accounts** in the Quick Links section.
   The **Accounts** page displays.
2. Click the **ID** of the account you want to add a policy to.
   The account, name, and Registration status are highlighted.
3. Click **Add policy**.
   The **Add new policy** popup displays.
4. Enter the policy name in the **Policy name** field.
5. Enter the policy content in the **Policy content** field.
6. Click **OK**.

???Result???

Adding a Group

How to add a group.

To add a new group:

1. Click **All Accounts** in the Quick Links section.
   The **Accounts** page displays.
2. Click the **ID** of the account you want to add a group to.
   The account, name, and Registration status are highlighted.
3. Click **New groups** in the **Accounts** page.
   The **Create new groups** popup displays.
4. Enter the group name in the **Group name** field.
5. Enter the group path in the **Group path** field.
6. Click **OK**.

The group is associated with the account you chose. You can see the information if you select the account in the **Accounts** page and click the **Member groups** link, located in the **Properties** section of the screen.