**Amazon Cognito** enables simple, secure user authentication, authorization and user management for web and mobile apps. With Cognito, a user or visitor can sign in with a username and password through Amazon, or through a third party like Facebook, Google or Apple.

Thus, with Cognito, a developer can:

Easily add user sign-up, sign-in and access control to their apps with its built-in user interface (UI) and easy configuration

Federate identities from social identity providers

Provide secure access to other AWS services from their app by defining roles and mapping users to different roles

The two main components of Amazon Cognito are:

**User pools**: User directories that provide sign-up and sign-in options for app users.

**Identity pools:** Cognito elements grant users access to other AWS services (e.g., Amazon S3 and DynamoDB).

With a user pool, users can sign in to an app through Amazon Cognito, social identity providers (e.g., Google or Facebook.