



1

Amazon-Cognito

2015
Yu-Tsuen Lin

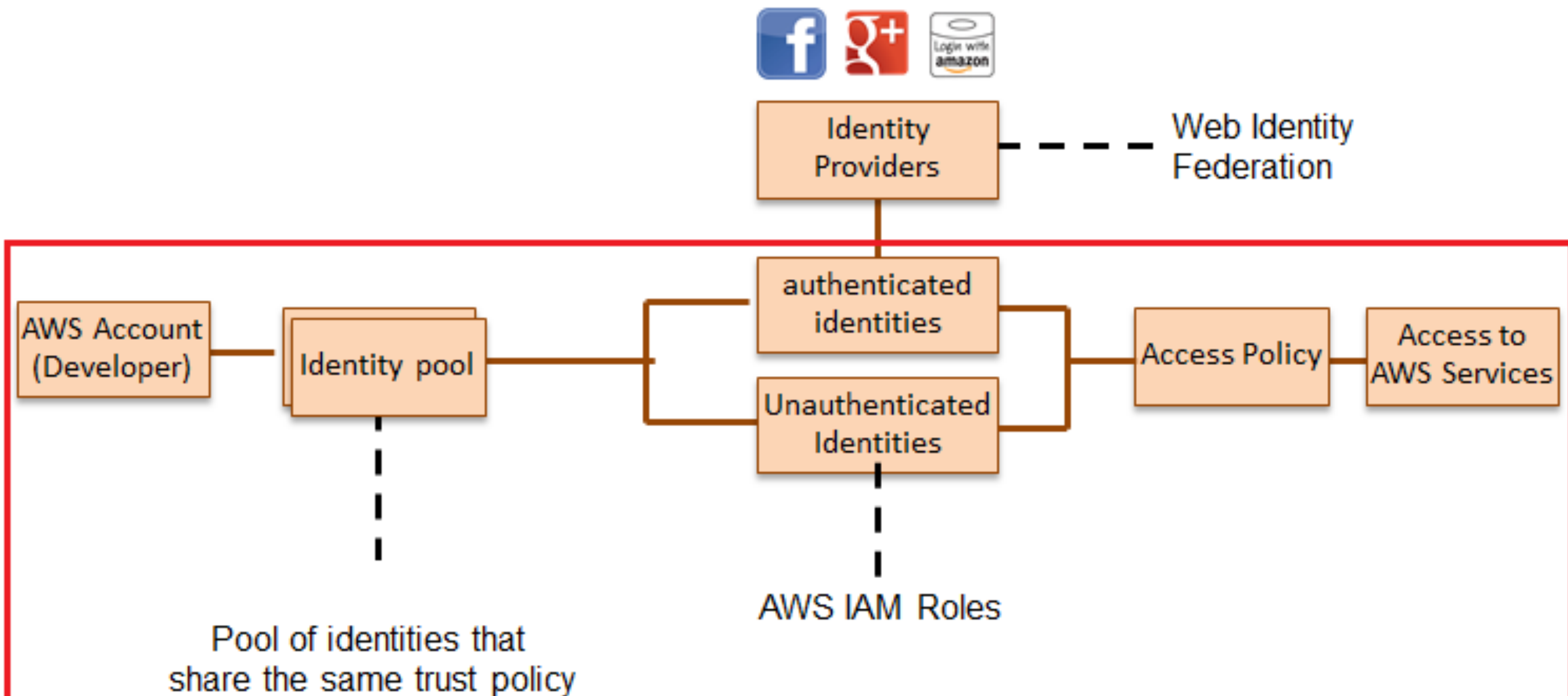
Learning object

- Using Cognito for device to access AWS resource

What service to use ?

- Amazon Cognito-

is a service that makes it easy to save user data, such as app preferences or game state, in the AWS Cloud without writing any backend code or managing any infrastructure.



Get credential for device(Android)

```
➤ CognitoCachingCredentialsProvider provider =  
    new CognitoCachingCredentialsProvider(  
        context,  
        awsAccountId,  
        identityPoolId,  
        unauthRoleArn,  
        authRoleArn,  
        Regions.US_EAST_1);
```

Use credential to get client

```
AmazonS3Client S3Client = new AmazonS3Client(provider );
```

```
S3Client.listObjects("bucketname");
```

Reference


- <http://sdk-for-android.amazonwebservices.com/latest/aws-android-sdk.zip>
- <http://docs.aws.amazon.com/AWSAndroidSDK/latest/javadoc/>

LAB (2%)


- You need to let me see your device's identity in cognito pool. (1%)
- Please using button to create and delete your bucket. (0.5%)
- The bucket should name with your identityID. (0.5%)

9

Identity example

 AWS ▾ Services ▾ Edit ▾

yutsuen @ 6616-6492-9584 ▾ N. Virginia ▾ Support ▾

 Amazon Cognito

yutsuenS3GPS ▾

[Edit Identity Pool](#)

Identity Pool

Dashboard

Sample Code

Identity Browser

Identities

Search by Identity ID

Results per page 10 ▾ < Showing 1 - 2 of 2 >		
Identity ID	Date Created (UTC)	Linked Logins
us-east-1:1cd82b6e-1f3f-4a3c-b899-c48ce05cccc1	2015-02-24T07:43:05Z	0
us-east-1:2a178714-2787-4321-b676-a3ac54d43b37	2015-02-11T05:29:39Z	0

< Showing 1 - 2 of 2 >