

Permissions Boundaries Workshop Advanced edition

Solution Notes

This document contains example solutions for the most challenging portions of the workshop where participants commonly get stuck. It should only be used if you are stuck on a particular step.

Build Phase Solutions

Task 3 - Create the identity-based policy for the webadmins

Replace all question marks (???) with a custom prefix that represents the resource path constraint you would like to enforce for the “webadmins”. You should use the same prefix in all 4 places in the identity policy but retain the wildcard (*). The solutions below assume you use “web*”.

Verify Phase Solutions

Task 1 Create a policy

Create Policy Command:

```
aws iam create-policy --policy-name webpolicy --policy-document file:///verifypolicy.json --profile webadmins --path /webadmins/
```

Task 2 – Create a role

Create Role Command:

```
aws iam create-role --role-name webrole --path /webadmins/ --assume-role-policy-document file:///verifytrustpolicy.json --profile webadmins --permissions-boundary arn:aws:iam::<ACCOUNT_ID>:policy/webadminspermissionsboundary
```

Other Common Issues

Make sure your AWS CLI environment is properly configured.

```
aws sts get-caller-identity
```

You should get a response with the correct UserId, Account and Arn information. If it is not correct, you can reconfigure the CLI by running “aws configure”.