**Blueventure:
Blockchain Lab**   ✕
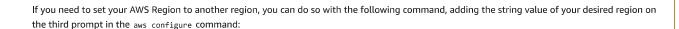
Create sharing policy

> ⓘ Only the **Retailer** should follow the instructions on this page.

It will be necessary for consortium members to share the public keys of their client certificates with each other during the setup of the main channel. To facilitate this exchange, the Retailer will now create an S3 bucket and grant read/write access to the other members. Each member will upload their public keys to this bucket and download the other members' public keys.

> ⚠ **Important note on AWS Regions**
> Be sure to check your $AWS_DEFAULT_REGION environment variable to ensure it matches the AWS Region where your blockchain member infrastructure is deployed:
>
> ```
> 1    echo $AWS_DEFAULT_REGION
> ```
>
> If you need to set your AWS Region to another region, you can do so with the following command, adding the string value of your desired region on the third prompt in the `aws configure` command:
>
> ```
> 1    aws configure
> ```
>
> For example, those operating in the Singapore region would enter `ap-southeast-1` when prompted to set the default AWS Region during `aws configure`.

Once you are certain your region is correct, you can run the command to create the S3 bucket itself.

```
1    aws s3 mb s3://$BUCKET_NAME --region $AWS_DEFAULT_REGION
```

Then the Retailer should execute the following commands to grant access to this bucket to the other members:

```
1    cd
2    cat <<EOT > s3access.json
3    {
4      "Version": "2012-10-17",
5      "Statement": [
6        {
7          "Effect": "Allow",
8          "Principal": {
9            "AWS": [
```

Blueventure: Blockchain Lab ✕

Track-and-Trace Blockchain Workshop for Hyperledger Fabric 2.2 (BETA)

▼ Create a Hyperledger Fabric Network

  ▶ Create Network & Member

  ▶ Accept invite and create Supplier member

    Congratulations

▶ Setup Development Environment

▶ Set up a Fabric client

▼ Write and deploy chaincode

  Chaincode development environment

  Write chaincode

  Create sharing policy

▼ **AWS account access**

Open AWS console (us-east-1) ▢

Get AWS CLI credentials

Exit event

```
10          "arn:aws:iam::$SUPPLIER_AWS_ID:root"
11        ]
12      },
13      "Action": [
14        "s3:GetObject",
15        "s3:PutObject",
16        "s3:PutObjectAcl"
17      ],
18      "Resource": [
19        "arn:aws:s3:::$BUCKET_NAME/*"
20      ]
21    }
22   ]
23 }
24 EOT
25 aws s3api put-bucket-policy --bucket $BUCKET_NAME --policy file://s3access.json
```

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