Insert Trust Relationship in AWS IAM Role

If you are using per-user authentication through an AWS IAM role, you must insert a trust relationship into the role so that the Designer Cloud powered by Trifacta® platform can leverage it.

Pre-requisites:

Please acquire the following information:

- **IAM role:** The AWS IAM role that the Designer Cloud powered by Trifacta platform should use.

- **EC2 instance role:** If the EC2 instance role is to be used to assume the AWS role, then please acquire the following:
    - AWS account ID
    - EC2 instance role
    - Details on the above are listed below.

For more information on the AWS Principal options described below, please review *https://docs.aws.amazon.com/IAM/latest/UserGuide/reference_policies_elements_principal.html*.

Steps:

1. You can apply this change through the *Admin Settings Page* (recommended) or `trifacta-conf.json`. For more information, see *Platform Configuration Methods*.
2. Locate the following parameter and retrieve its value (`true` or `false`):

```
"aws.ec2InstanceRoleForAssumeRole"
```

3. Login to the AWS console.
4. Open the IAM role for use with the Designer Cloud powered by Trifacta platform .
5. If `aws.ec2InstanceRoleForAssumeRole=true`, then the EC2 instance role is used for assuming the provided AWS role. Paste the following into the IAM role for the trust relationship:

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Effect": "Allow",
      "Principal": {
        "AWS": [
          "arn:aws:iam::<awsAccountId>:role/<ec2InstanceRole>"
        ]
      },
      "Action": "sts:AssumeRole"
    }
  ]
}
```

Property	Description
`<awsAccountId>`	AWS account identifier for which the EC2 instance role is assumed
`<ec2InstanceRole>`	EC2 instance role to use

6. If `aws.ec2InstanceRoleForAssumeRole=false`, then the AWS user associated with the provided AWS key and secret is assumed. Paste the following into the IAM role for the trust relationship:

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Effect": "Allow",
      "Principal": {
        "AWS": [
          "arn:aws:iam::862753480162:user/sample-user"
        ]
      },
      "Action": "sts:AssumeRole"
    }
  ]
}
```

7. Save the IAM role definition.