1. **Create a file named trust-policy.json with the following policy:**

|  |
| --- |
| **{**  **"Version": "2012-10-17",**  **"Statement": [**  **{**  **"Effect": "Allow",**  **"Principal": { "Service": "vmie.amazonaws.com" },**  **"Action": "sts:AssumeRole",**  **"Condition": {**  **"StringEquals":{**  **"sts:Externalid": "vmimport"**  **}**  **}**  **}**  **]**  **}** |

**You can save the file anywhere on your computer. Take note of the location of the file, because you'll specify the file in the next step.**

**2. Use the create-role command to create a role named vmimport and give VM Import/Export access to it.**

**Ensure that you specify the full path to the location of the trust-policy.json file, and that you prefix file:// to it:**

|  |
| --- |
| **aws iam create-role --role-name vmimport --assume-role-policy-document file://trust-policy.json** |

**3. Create a file named role-policy.json with the following policy, where *disk-image-file-bucket* is the bucket where the disk images are stored:**

|  |
| --- |
| **{**  **"Version":"2012-10-17",**  **"Statement":[**  **{**  **"Effect":"Allow",**  **"Action":[**  **"s3:GetBucketLocation",**  **"s3:GetObject",**  **"s3:ListBucket"**  **],**  **"Resource":[**  **"arn:aws:s3:::disk-image-file-bucket",**  **"arn:aws:s3:::disk-image-file-bucket/\*"**  **]**  **},**  **{**  **"Effect":"Allow",**  **"Action":[**  **"ec2:ModifySnapshotAttribute",**  **"ec2:CopySnapshot",**  **"ec2:RegisterImage",**  **"ec2:Describe\*"**  **],**  **"Resource":"\*"**  **}**  **]**  **}** |

**4. Use the following** [**put-role-policy**](https://docs.aws.amazon.com/cli/latest/reference/iam/put-role-policy.html) **command to attach the policy to the role created above. Ensure that you specify the full path to the location of the role-policy.json file.**

|  |
| --- |
| **aws iam put-role-policy --role-name vmimport --policy-name vmimport --policy-document file://role-policy.json** |

### **Upload the Image to Amazon S3**

### **Import the VM**

|  |
| --- |
| **aws ec2 import-image --description "Windows 2008 OVA" --license-type <value> --disk-containers file://containers.json** |

|  |
| --- |
| **[**  **{**  **"Description": "Windows 7",**  **"Format": "vmdk",**  **"UserBucket": {**  **"S3Bucket": "my-import-bucket",**  **"S3Key": "win7.vmdk"**  **}**  **}]** |

### **Check the Status of the Import Task**

**Use the describe-import-image-tasks command to return the status of an import task.**

**Status values include the following:**

* **active — The import task is in progress.**
* **deleting — The import task is being canceled.**
* **deleted — The import task is canceled.**
* **updating — Import status is updating.**
* **validating — The imported image is being validated.**
* **validated — The imported image was validated.**
* **converting — The imported image is being converted into an AMI.**
* **completed — The import task is completed and the AMI is ready to use.**

|  |
| --- |
| **aws ec2 describe-import-image-tasks --import-task-ids import-ami-abcd1234** |