**Step 1. Creating the Required AWS Accounts and Users**

1.Open the IAM console

2.In the left navigation pane, click “Users”

3.Choose “Add User” button at the top

4.Provide a “User Name” and choose “Programmatic Access” and “AWS Management Console Access” options

5.Click “Next” and choose “Attach Existing Policy”

6.Search for “AWS connector” policy and attach it to the user which is

created.

Important: Make sure you have copied Access Key and Secret Key and keep it safe. You’ll need them to complete the connector setup process.

**Step 2. Setting Up the Trust Relationship**

1.Open the AWS Management Portal for vCenter setup console "

https://amp.aws.amazon.com/VCPlugin.html#first\_time

2.Click “Get Started Now” button

Note : If you wish to change authentication providers, Click “Reset Trust” by going to the summary page and Reset Trust Relationship

3. Choose “AWS Connector as the authentication provider” as your

“Authentication Provider” and click “Select” to proceed

4. In the “Configure the Trust Relationship” wizard, Select the IAM User which is created in the the previous step

5. Choose “I agree” and proceed to save the configuration made

6. In the “Add Administrators” wizard, provide your vCenter credentials

Important: User name provided here is case sensitive, so please make sure its same like what you can see at your vCenter, click “Save and Continue”

7. In the “Create AMP-Connector Key” choose “Create a new AMP-Connector key” and provide a user friendly key name

8. Under “Review Your Configuration” page, please select “Download Configuration” button and keep the download key aside

**Step 3. Deploying Connector Virtual Appliance**

1. Login into your vCenter as a VMware administrator

2. Launch connector appliance using “Deploy OVF Template”

Download URL : https://s3.amazonaws.com/aws-connector/AWS-

Connector.ova

3. On the disk wizard page, it's recommended to choose “Thick Provision

Eager Zeroe” as the disk type for the best performance

4. Launch the VM once all the necessary customization is made to it.

5. Now, Power on the VM.

6. Once the VM up and running, choose “Open Console” to connect it.

7. When the VM prompt for the login username and password, proceed

with the default credentials

UserName : ec2-user

Password : ec2pass

8. After the successful login, invoke the below command

sudo setup.rb

9. Then you can see the following wizard as attached in the image,

10. Type 2, and then press Enter. The command displays the following

menu:

Reconfigure your Network :

1. Renew or acquire a DHCP lease

2. Setup a static IP

3. Setup a web proxy for AWS communication

4. Setup a DNS Suffix search list

5. Exit

11. Proceed to setup your static IP.

Step 4. Configuring Connector

1. From your web browser, go to https://ip\_address/, where ip\_address is

the static IP address of your connector appliance

2. Log in to Connector dialog box, type in your VCenter server IP address

and the administrator credentials for the same

3. When it is prompted to create a password, choose a password – This

is your log on password for the Connector Management Console

4. Click Upload the configuration file, select the configuration file which

you have downloaded it from Step 2, and then click Next

5. On the VCenter Service Account credential page, provide your vCenter

user name and password

6. On the “AWS Credentials” page, provide access key and secret access

key which you downloaded and get it from Step 2

7. On the “Register plugin” page, after you make sure your settings were

intact, click “Register” button to proceed

8. On successful plugin registration, you can see a “Health Status” getting

updated at “Connector Management Console” page

Step 5 . VCenter Configuration

1. After the successful connector plugin registration, please logout and

login in back to your VCenter, to see “AWS Management Portal” plugin

icon at the “Home” screen

**Note:** “AWS Management Portal” icon will not be visible at Home screen of Vcenter version 6.5 or later.

2. Choosing that will take you to a separate wizard, requesting to choose

“Region Preferences”, please choose the required AWS region to

which you wish to migrate your VM machine

Important: You need to enable “Create Snapshot” and “Remove

Snapshot” options for role “AWS Connector” , which you can do it by

choosing to Roles at the left pane and select AWS Connector, edit – >

Choose Virtual Machine – > Snapshot Management

**vCenter Service Account Creation**

Please create a vCenter service account and provide the credentials below:

Step 1: Create a vCenter role

Create a role named "AWS SMS Connector" in vCenter with the following privileges:

Datastore > Browse datastore AND Low level file operations (Datastore.Browse and Datastore.FileManagement)

vApp > Export (VApp.Export)

Virtual Machine > Snapshot management > Create snapshot AND Remove Snapshot (VirtualMachine.State.CreateSnapshot and VirtualMachine.State.RemoveSnapshot)

Step 2: Create a vCenter user

Create a vCenter user that SMS Connector can use as a service account to log into vCenter.

Step 3: Assign vCenter role to vCenter User

Assign the vCenter role "AWS SMS Connector" to the service account.