# Initialization steps:

References –

<https://developer-docs.amazon.com/sp-api/docs/registering-as-a-developer>

<https://developer-docs.amazon.com/sp-api/docs/checking-the-status-of-your-request-to-register-as-a-developer>

1. Open vendor central amazon website.
2. Go to Integration menu -> Api Integration.
3. Developer Central page will open, click on developer profile.
4. Enter the details asked in form.
5. Make sure that you should know your vendor is in private or public group.
6. Once details submitted, Amazon support team will verify the details. Automatic support ticket will be generated, and you can also check the status during the verification round.
7. Once information is approved from amazon support team, they will provide you required access and follow the below steps.
8. For any modification, update the details and resend for verification.

# Step 1 - Set Up AWS IAM

References –

<https://developer-docs.amazon.com/sp-api/docs/creating-and-configuring-iam-policies-and-entities>

<https://youtu.be/EAJOsBNRIQA>

In this step, you’ll create and configure identity and access-management policies and entities in AWS management Console.

These will establish an IAM user and create an IAM role with permissions to call SP -API.

1. Start AWS IAM set-upby creating a free AWS account if you don’t already have one.
2. Search for AWS Free Tier, then click the “Create a free Account” button.
3. Sign up for AWS.
4. After this, you can establish an IAM user to get AWS keys and authenticate calls to SP -API.
5. To establish new IAM user, start by signing into the AWS Management console at aws.amazon.com/console.
6. Then open the IAM Console at console.aws.amazon.com/iam
7. Click Users.
8. Then Add user button
9. Enter the details.
10. Review the details and create.
11. Access Key and Secret Access key will be generated.
12. Download csv and save.
13. Note Save the secret Key for future usage.
14. Click close and then click your new IAM user in the username column.
15. Make Note of User ARN and save.
16. Now. Create the policy by signing into the AWS Management console at aws.console.com/console.
17. Then open the IAM Console at console.aws.amazon.com/iam
18. Click policies and then json tab.
19. Replace the text in textbox with the following.
20. Copy the code from website (Selling Partner API Developer Guide) and paste in json file and click next and review.
21. Recommend naming your policy as “SellingPartnerAPI” so it will be easy to remember.
22. Click on Create policy button.
23. Now create the IAM role by signing into the AWS Management console at aws.console.com/console.
24. Then open the IAM Console at console.aws.amazon.com/iam
25. Click Role and create Role button.
26. Click on Another AWS Account.
27. Next, in Account ID Field, enter the ID for the AWS Account you used to create your IAM user earlier.
28. Click on Next permission button.
29. Under Policy name select the IAM policy you created.
30. Click on Next Tags button.
31. Click on Next Review button.
32. Enter the Role and Description.
33. Then click on Create Role Button.
34. Under the Role name, click the name of your role. locate and save your role ARN on the Summary Page by clicking the copy icon and save in notepad.
35. Now set up AWS security Token service by signing into the AWS Management console at aws.console.com/console.
36. Then open the IAM Console at console.aws.amazon.com/iam
37. Click the name of the IAM user you created earlier.
38. Next, in the permission tab, click ‘add inline policy’.
39. On the create policy page, click choose a service, then select STS.
40. Click the arrow next to Action, from drop down click the arrow next to Write.
41. From new dropdown, select AssumeRole.
42. Click the Arrow next to Resources and click Add ARN.
43. In this enter the role ARN that was provided when you created.
44. Click Add and Review policy button.
45. Enter the name for your policy like “SellingPartnerSTS”.
46. Finally Review and click create policy button.

# Step 2 - Register an application for SP API

Reference –

<https://developer-docs.amazon.com/sp-api/docs/registering-your-application>

<https://youtu.be/KSjPTqNBlGc>

1. Open vendor central amazon website.
2. Go to Integration menu -> Api Integration.
3. Developer Central page will open, click on Add new App client button. The App registration page appears, complete the form.
4. Follow the information given in above link.

# Step 3 -

## 3A – Set up a test ARN authorization workflow.

Reference –

<https://developer-docs.amazon.com/sp-api/docs/authorizing-selling-partner-api-applications#step-1-request-a-login-with-amazon-access-token>

<https://developer-docs.amazon.com/sp-api/docs/amazon-seller-central-partner-network-authorization-workflow>

<https://youtu.be/FovBNjh1Lmw>

## 3B – Set up a test website authorization workflow. (For Public Vendor)

Reference –

<https://developer-docs.amazon.com/sp-api/docs/website-authorization-workflow>

<https://youtu.be/AFG2O3-naLM>

## 3C - Set up a test Self-authorization procedure. (For Private Vendor)

Reference –

<https://developer-docs.amazon.com/sp-api/docs/self-authorization>

<https://youtu.be/5V2DlxQG1Yw>

# Step 4 – Connect to SP API using a generated Java SDK.

Reference –

<https://developer-docs.amazon.com/sp-api/docs/generating-a-java-sdk-with-lwa-token-exchange-and-authentication>

<https://developer-docs.amazon.com/sp-api/docs/connecting-to-the-selling-partner-api-using-a-generated-java-sdk>

<https://youtu.be/7KgG7tWAQE4>

<https://youtu.be/VB8AI1zgZZs>

# Step 5 – Publish an SP-API application

Reference –

<https://youtu.be/7yccEvFYA7E>