



amazon business

**Single Sign-on (SSO)
Integration with
Amazon Business**

Table of Content

[3](#)

Overview

[3](#)

SSO Benefits

[4](#)

Process Flow

[5](#)

Self Service Setup on Amazon Business

[10](#)

Testing

[13](#)

User Experience

[17](#)

Provisioning Users to Multiple Groups

[18](#)

FAQ

[19](#)

Appendix

Single Sign-on (SSO) Integration

Overview

This document provides guidance and reference material to IT professionals to establish a Single Sign-on (SSO) integration with Amazon Business. SSO with Amazon Business is no different from any other SSO integration that you may have done with other applications such as Concur, Tableau, Salesforce, ADP, etc.

SSO Benefits

Single Sign-on integration allows you to set up SSO with a variety of identity providers such as Okta, OneLogin, Microsoft Azure AD, Microsoft ADFS, AWS SSO, OpenAM, and Shibboleth using SAML 2.0. The key benefits of this feature are:

Streamline onboarding

- Organizations with hundreds or thousands of employees can get started easily on Amazon Business without Admins having to manually invite users.
- New employees can start purchasing immediately because user accounts are automatically created (Just-In-Time provisioning) on first access.

Increased security

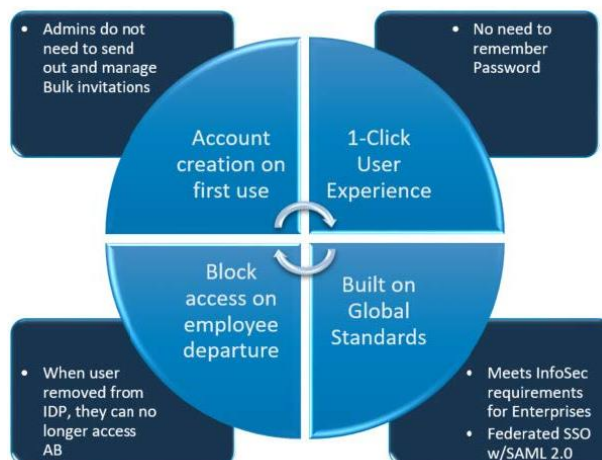
- Payload ID in cXML Punchout setup request and order request should be always unique.

Reduced Risk

- Block access to Amazon Business if employees leave the organization to reduce risks associated with not terminating buyers' access to Amazon Business.

One-Click Access

- Users have a seamless and simple authentication experience, whether direct buying or Punchout integration (from buyer to supplier), like other corporate apps you use daily.

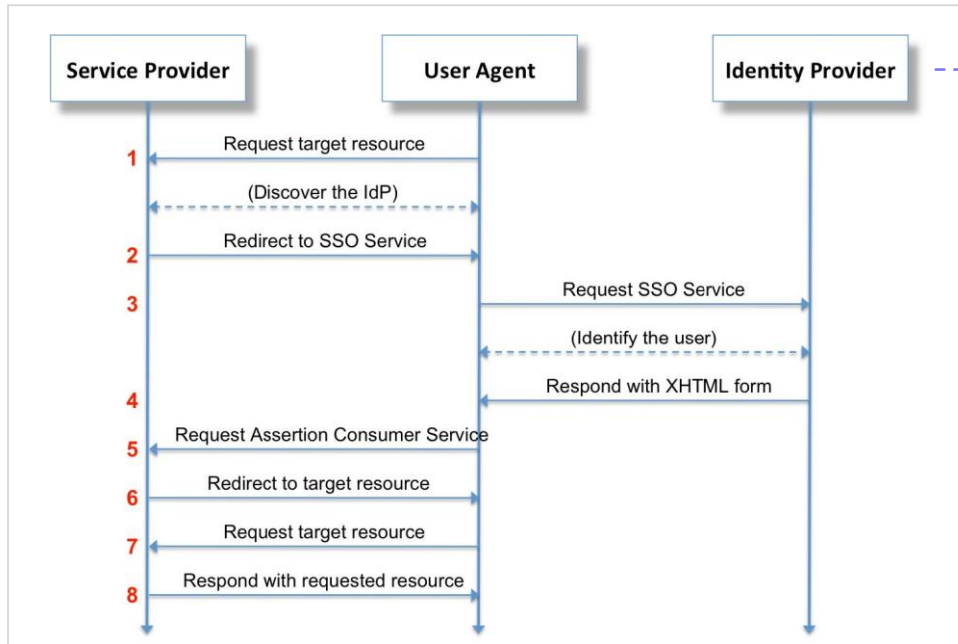


Single Sign-on (SSO) Integration

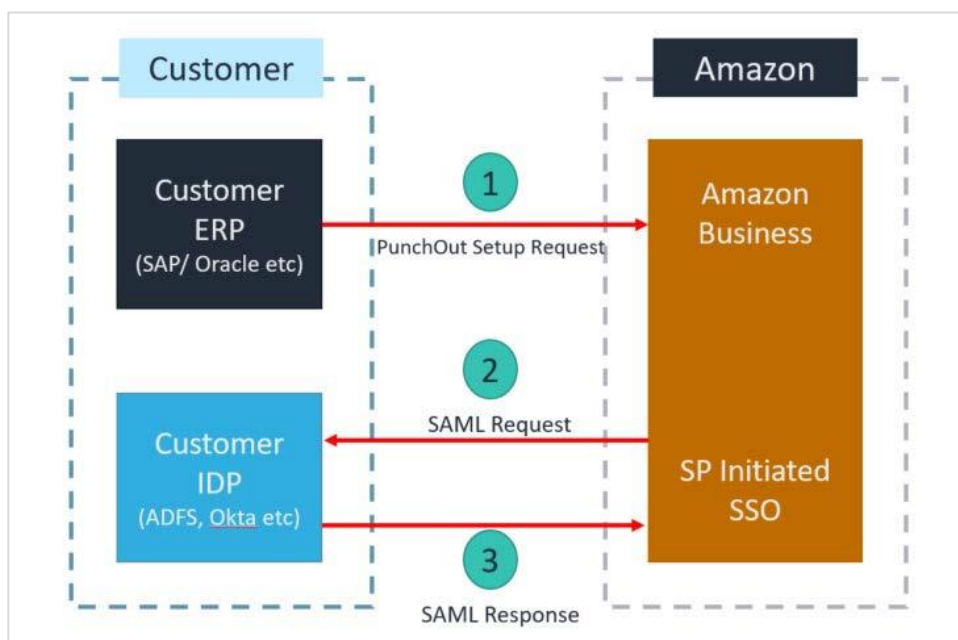
Process Flow

Below is the SSO connectivity flow.

- Identity Provider is customer's IDP.
- Service provider is Amazon Business.



Below is the Punchout flow with SSO.

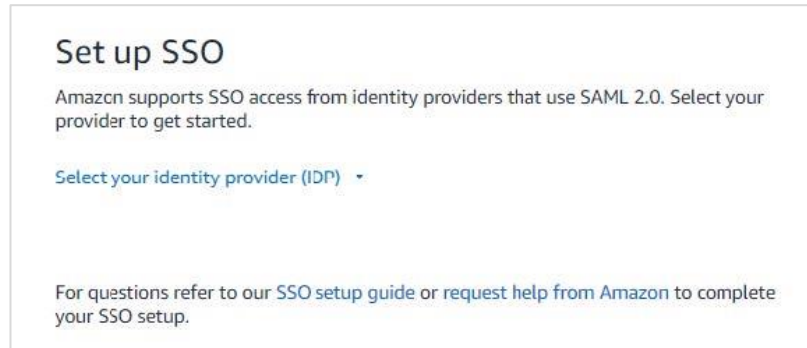


Single Sign-on (SSO) Integration

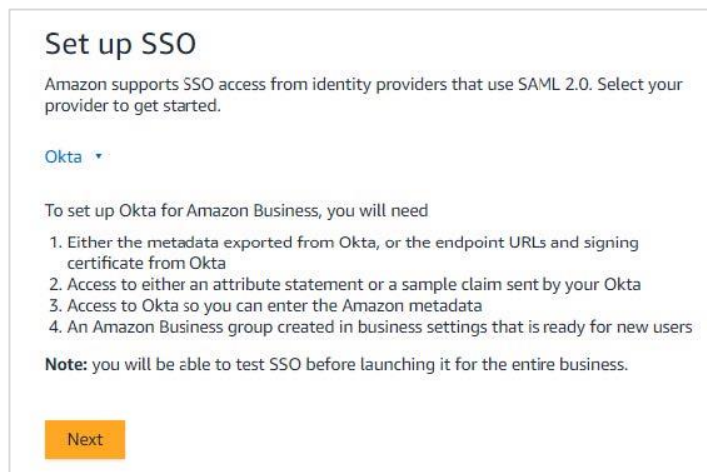
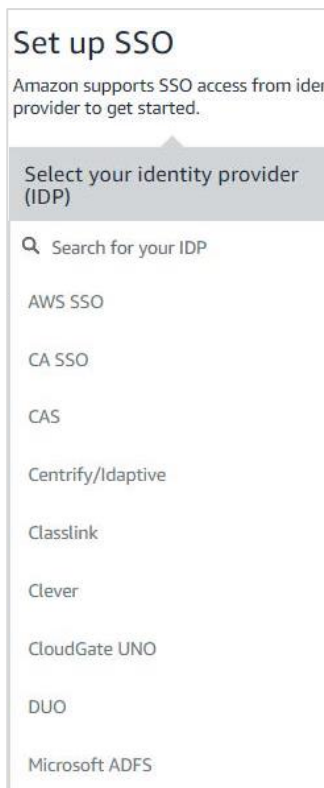
Self-Service Setup on Amazon Business

SSO with Amazon Business is similar to any other SSO integration that customers may have done with other applications such as Concur, Tableau, Salesforce, ADP, etc.

To get started, please click on [self-service](#).



Select your IDP provider name from the drop down. If you do not see your IDP in the list, please search using the search bar. Once it is selected click 'Next'. If you still do not see your IDP in the list, please provide your IDP name in the "Request help from Amazon" form. While we currently only support the IDPs identified on our list, Amazon Business regularly adds support for new IDPs based on customer feedback. Your feedback is very important and will help inform that process.



Single Sign-on (SSO) Integration

Select "Default Group" and "Default Buying Role". Click on next

- **Default Group:** Choose the group where new provisioned users (Just-In-Time) should be added via SSO. New employees can start purchasing immediately because user accounts are automatically created (Just-In-Time provisioning) on first access.
- **Default Buying Role:** Set the default role for new users: Punchout (PPI) or Requisitioner (Direct Buy). If you're using a procurement system and want your users to follow the procurement workflow by default choose "Punchout User". Otherwise, select "Requisitioner" to allow employees to buy directly through Amazon Business website.

P.S: You must ensure PPI setup is complete before setting up SSO if selecting "Punchout User".

New user account defaults

Set the default group and role for new users when they join Amazon Business via SSO. These settings will not affect existing users.

Default Group New users will be added to this group. A user's group associations can be changed manually after the account is created.

[Amazon Business Integration Test](#) ▾

Default Buying Role New users will be given this buying role. A user may have roles added or changed manually after the account is created.

Requisitioner New users will have payment methods, approval thresholds, and other settings from the default group

Punchout user New users who enter Amazon Business from a purchasing system will be able to shop in a punchout session

[Back](#) [Next](#)

Provide Amazon Business with your IDP metadata. If your IDP provides SAML metadata for export, download it from your IDP. Then upload the file in the Amazon Business SSO setup page. We will automatically parse the file for the necessary information. Alternatively, you can manually enter on the next page by clicking on "Skip."

Upload your metadata file

If you have access to a metadata file from your IDP, upload it here. We will extract connection data from it. You can [skip this step](#) if you want to enter your endpoints and signing certificate manually.

[Browse](#)

[Back](#) [Add Manually](#)

For questions refer to our [SSO setup guide](#) or [request help from Amazon](#) to complete your SSO setup.

Single Sign-on (SSO) Integration

Enter following information. Please reach out to your SSO administrator if any questions.

- **EntityID:** A globally unique URL provided by your IDP.
- **IssuerURL:** A URL that uniquely identifies your SAML identity provider.
- **HTTP-Redirect URL:** This determines how a browser redirects a user to your IDP for authentication.
- **Signing certificate:** This allows you to verify signatures and establish trust in the messages that have been exchanged. Ensure that you correctly provide the complete certificate without any missing characters.

Connection data

Verify the connection data from your IDP (identity provider) or [upload a new metadata file](#).

EntityID

IssuerUrl

HTTP-Redirect

HTTP-Post

Signing Certificate Public Key

[Back](#) [Next](#)

Provide Amazon Business with your attribute statement mapping. You'll need to provide the user attributes that will be provided as part of the SAML response. If you have a sample claim or attribute statement, you can upload it and we'll parse the information. Otherwise, you can enter the following values manually on the next page by clicking on "Skip."

Upload your Attribute statement

If you have access to a sample claim or an attribute statement from your IDP, upload it here. You can [skip this step](#) if you want to enter your attribute mapping manually.

[See a sample attribute statement](#)

[Back](#) [Skip](#)

Single Sign-on (SSO) Integration

Enter following information. Please reach out to your SSO administrator if any questions.

- **Mandatory attributes:** Email address, unique identifier, and name. Name can be separated by first name and last name, or it can be a full name attribute.
- **Unique identifier:** Provide a unique identifier for each user for the SAML response. This can be an email address, employee number, etc. Note that these attributes must exactly match what is the attribute statement in your SAML assertion.

Attribute mapping

Add or edit SAML attributes as necessary, or [upload a new attribute statement](#). You can edit attribute mappings after setup is complete.

Minimum requirements

- Map the email address attribute to Email
- Map a name attribute into at least one of the name fields (Name, First name, Last name)
- Do not map an Amazon data field to more than one attribute

Optional mapping

- Map an attribute to Unique ID. If this field is not mapped, we will use email address for Unique ID.

Amazon data	SAML AttributeName
First Name ▾	<input type="text" value="FirstName"/>
Last Name ▾	<input type="text" value="LastName"/>
Email ▾	<input type="text" value="EmailId"/>
Unique ID ▾	<input type="text" value="EmailId"/>

[+ Add a field](#)

Configure your IDP with Amazon Business metadata.

- Search for Amazon Business in your IDP's application catalog. If you do not find it, create a new custom application, and enter your IDP.
- Do one of the following, depending on whether the Amazon Business application you created supports SAML metadata import:
 - A. If your application supports SAML metadata import, you can download the SAML metadata file from the Amazon connection data section and import it into your application.
 - B. If your application does not support SAML metadata import, you need to enter the SSO configuration information using the steps given below:
 1. Download the Amazon metadata XML file from the application configuration page. Open the file and copy the entityID,

Single Sign-on (SSO) Integration

HTTP_POST URL and configure these in your application as required.

2. Download the Amazon certificate. Upload the certificate in your application.

- With the information provided in the SSO Connection page, configure the application with the URL and Amazon metadata.
- Ensure that the SAML responses are signed with any algorithm such as SHA56.
- If your IDP supports SAML assertion encryption, we recommend encrypting using the x509 certificate provided in the Amazon metadata. If your IDP does not support SAML assertion encryption or encryption using third-party certificates, then you do not need encrypt the assertion.
- Provide the attribute mappings for the application to match the attributes you provided on Amazon Business.

Amazon connection data

Before testing, make sure that you have used these settings to configure Okta to connect to Amazon Business.

Metadata XML file
Amazon_SP_Metadata.xml [Download](#)

SSO URL
https://www.amazon.com/bb/feature/sso/action/3p_redirect [Copy](#)

Amazon SSO Certificate
Amazon_SP_Certificate.pem [Download](#)

[Back](#) [Next](#)

Single Sign-on (SSO) Integration

Click on "Completed" once you verify Connection Data and Attribute mapping.

SSO Connection Details

SSO makes it easier for buyers to use Amazon Business and gives you better control over access. For questions refer to our SSO setup guide or request help from Amazon.

New user account defaults

These are the settings used to map users to groups and roles.

Default Group
Amazon Business Integration Test

Default Role
Punchout user

[Edit](#)

Connection data

This is data from your IDP that Amazon uses to establish SSO sessions.

EntityID
https://testidp-ss0-na.amazon.com

Issuer
https://testidp-ss0-na.amazon.com/login/SSO

HTTP-Redirect
https://testidp-ss0-na.amazon.com/login

HTTP-POST
https://testidp-ss0-na.amazon.com/login

Signing certificate public key
[Show More](#)

[Edit](#)

Attribute mapping

Manage how Amazon user account data is mapped to SAML data.

Email Email address to identify a user account. This has also been configured as Unique Id
EmailId

First Name First name used for account creation
FirstName

Last Name Last name used for account creation
LastName

[Edit](#)


Amazon connection data

Use these settings to configure Okta to connect to Amazon

Metadata XML file
Amazon_SP_Metadata.xml [Download](#)


SSO URL
https://www.amazon.com/bb/feature/SSO/action/Sp_redirect [Copy](#)

Amazon SSO Certificate
Amazon_SP_Certificate.pem [Download](#)

Status:  Ready to test
This SSO connection setup is complete. You may now begin testing.

New user account defaults	✓
Connection data	✓
Attribute mapping	✓
Amazon connection data	<input type="checkbox"/> Completed

You should be ready to test the connection now. Click on "Start Testing."

Status:  Ready to test
This SSO connection setup is complete. You may now begin testing.

New user account defaults	✓
Connection data	✓
Attribute mapping	✓
Amazon connection data	✓

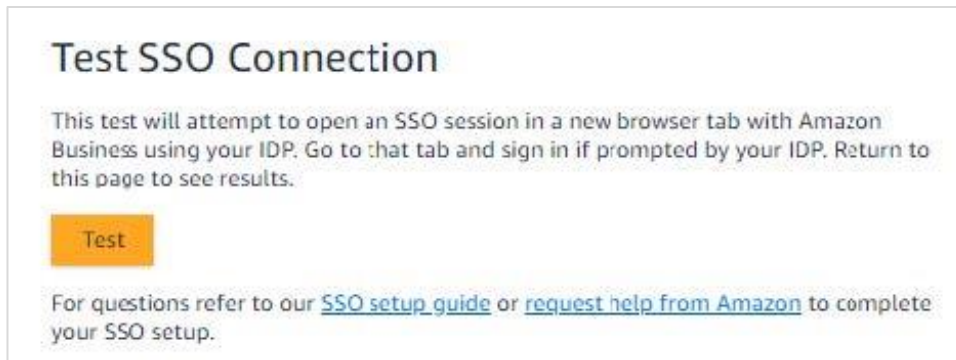
[Start testing](#)

Single Sign-on (SSO) Integration

Testing

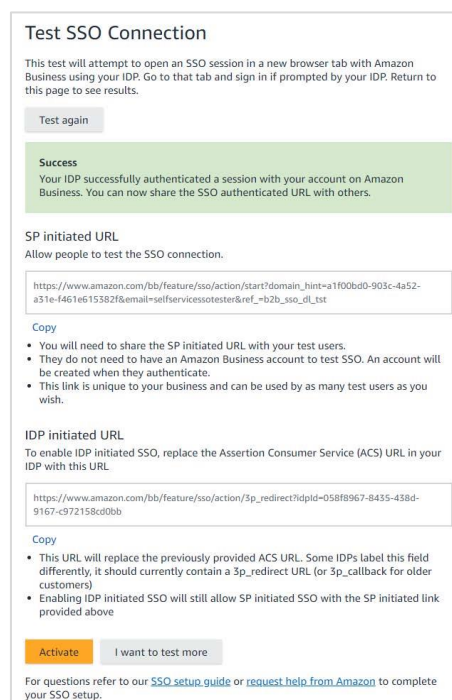
Before you start testing, please make sure the administrator who is clicking on “Start Testing” is added to your IDP server.

Click on “Start Testing.” A new window will open with “Test” button. Please click on “Test.” A new browser tab will open that will redirect you to your IDP for authentication. In the IDP portal, sign in as a user who has been granted access to the Amazon Business application. If you are already authenticated with your IDP, then we will attempt to federate you using SSO into Amazon Business. Once you are successfully authenticated, you will be able to land on [Amazon.com](https://www.amazon.com).



On the SSO testing page, you will see whether the test was successful or not. If your test was successful, you will be federated into Amazon Business.

- If you want other users to test, you can share the SSO SP-login link on the Test page with those users. Please ensure that those users can actually authenticate using your IDP.
- If you are ready to enable SSO for all users, you can click on “Activate.”



Single Sign-on (SSO) Integration

Select the checkbox confirming all testing has been completed and click on Switch to active. The first time someone signs into Amazon Business using SSO, they will automatically be given an Amazon Business account.

To turn off SSO for your account, please choose Request help from Amazon and tell us to turn off SSO for your account.

Are you ready to switch to active SSO?

Switching to active will open access to Amazon Business through SSO. Amazon will create accounts for users arriving from your IDP.

We recommend you verify that you have taken these steps before switching to active.

- 1. Successful test of your account.**
You were able to access Amazon Business through the SSO authentication link we provided.
- 2. Successful test of additional accounts.**
Other users in your organization were able to access Amazon Business through the SSO authentication link we provided.
- 3. Manage access to Amazon Business from your IDP.**
Amazon will create a buyer account for anyone who is successfully authenticated through your IDP.

Some changes will be unavailable after switching to active

Actions requiring help from customer service

- remove this connection
- change your IDP
- return to testing mode

I have fully tested SSO and am ready to go live

Once SSO is active, please follow below process depending on your use case. Ensure that only the right users or groups have access to Amazon Business through your IDP. Users accessing Amazon Business through your e-procurement system through SSO will have to authenticate with your IDP. Ensure that the users have access to Amazon Business through your IDP.

Instructions for your End Users - Punchout

- The way users access Punchout will still remain same even with SSO. They have to start Punchout from your e-procurement system.
- Users accessing Amazon Business through your e-procurement system through SSO will have to authenticate with your IDP. Ensure that the users have access to Amazon Business through your IDP.

Instructions for your End Users – Direct Buy

- **SP Initiated URL:** You can host the SSO SP-link provided on the connection page anywhere within your systems so that your users can access the URL and federate to Amazon Business. If you use an IDP such as Okta, you can also set up a Bookmark application and embed the SP-login URL. You can also share the URL directly with user so that they can bookmark in their browser.
- **IDP initiated URL:** If your IDP supports it, you will be given an IDP initiated URL which can be used to enable IDP

Single Sign-on (SSO) Integration

initiated SSO. To use IDP initiated SSO, the URL must be used to replace the Assertion Consumer Service (ACS) URL in your IDP.

- **Direct Access:** If your users try to access Amazon.com, they will be routed to your SSO server immediately once they enter their email address. This currently works only for existing users.

The ACS can be labelled differently in different IDPs. If you are having trouble finding the field to replace, check your IDP's documentation. This field should have a URL ending in `3p_redirect` or `3p_callback` if you have access to the IDP initiated URL.

- User logs in to the e-procurement system and clicks on the Amazon Business tile.

Enabling IDP initiated SSO will not impact the usage of Service Provider (SP) initiated SSO through the link provided.

Status: ✔ Active

Access to Amazon Business through SSO is generally available to users given access through your IDP. New user accounts will be created as users access Amazon Business.

SP initiated URL
Directly navigating to the SP initiated URL will begin an SSO session

```
https://www.amazon.com/bb/feature/sso/action/start?domain_hint=a1f00bd0-903c-4a52-a31e-f461e615382f&ref_=b2b_sso_dl_atv
```

[Copy](#)

IDP initiated URL
To enable IDP initiated SSO, replace the Assertion Consumer Service (ACS) URL in your IDP with this URL

```
https://www.amazon.com/bb/feature/sso/action/3p_redirect?idpId=058f8967-8435-438d-9167-c972158cd0bb
```

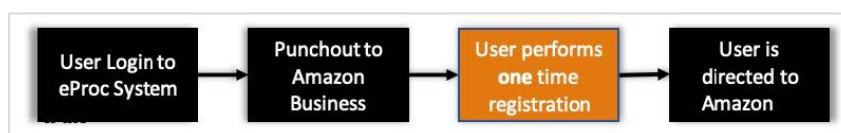
[Copy](#)

[Get help](#)

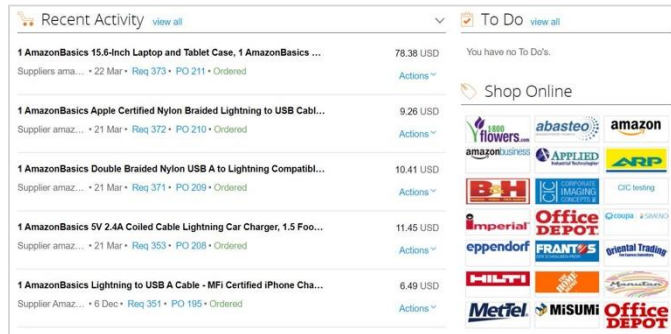
User Experience

User Experience without SSO:

- If the user doesn't have an existing Amazon account tied to the work email address, user will be provided step-by-step instructions to create a new account log-in in your organization's Amazon Business account. Details like Name and Password need to be entered by the user.



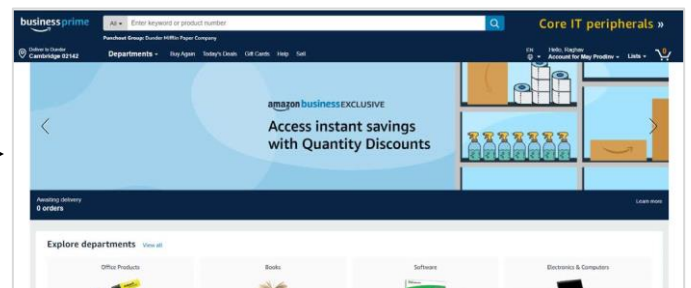
Single Sign-on (SSO) Integration



- You will be logged in to Amazon Business.



- Click on "Get Started" to create an account. Enter your Name and set a password. Please do not change the email address.



Single Sign-on (SSO) Integration

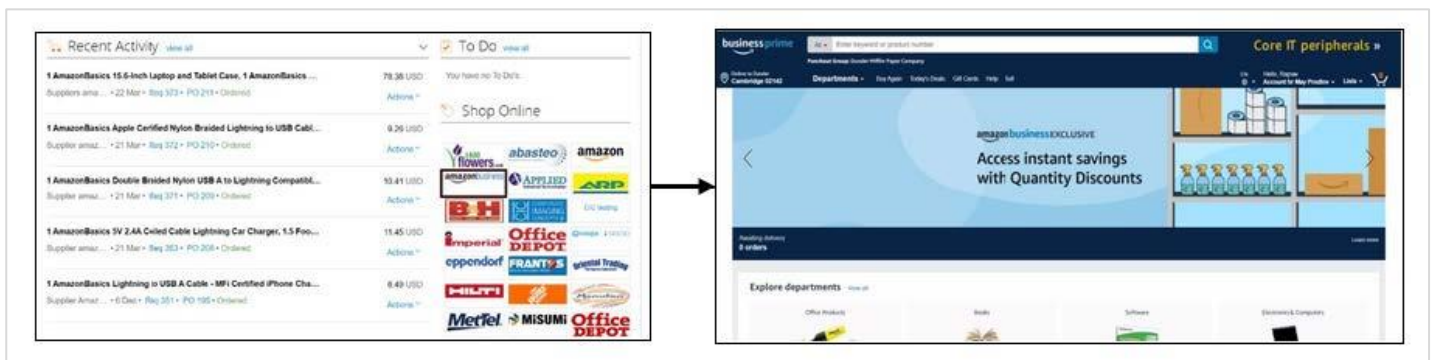
User Experience with SSO:

Use Case 1:

- If the user doesn't have an existing Amazon account tied to the work email address, Amazon Business SSO will leverage customer identity provider and fetch the required details to create a new account log-in automatically in the organization's Amazon Business account.
- The user will be automatically routed to Amazon Business homepage.

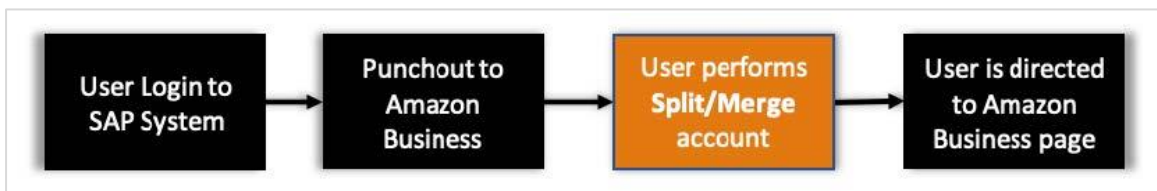


- The user logs into e-procurement system and clicks on the Amazon Business tile.

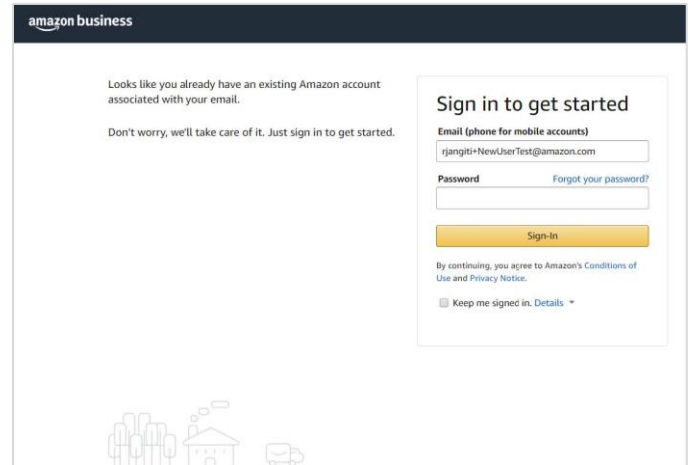
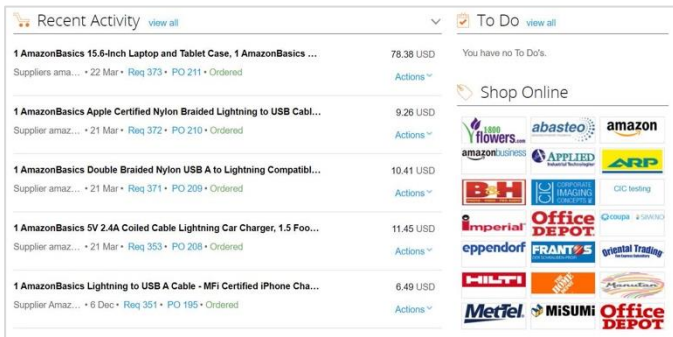


Use Case 2:

- If the user has an existing Amazon personal account tied to the work email address, Amazon Business SSO will present the option to split/merge the personal account from your business account.



Single Sign-on (SSO) Integration

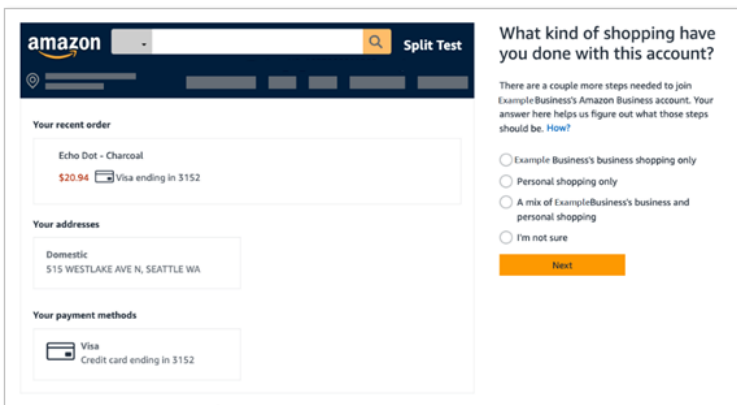


- **Create a separate business user account:**
This option separates your personal account with your business account. Enter your personal email address and continue. You can login to your personal account with new email id and same old password.
- You will then be added to the business account with your work email address.

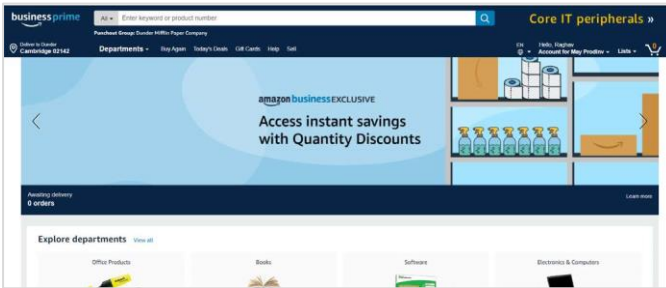
OR

- **Convert my existing Amazon account:**
This option converts your existing personal account into the business account.
- Converting your account will move all of your order history, addresses and payments in to the business account. Your business account administrator will have access to your order history.

Choose the option that best fits the kind of shopping you have done using your personal Amazon Business account and follow the remaining prompts to complete the convert/split workflow.

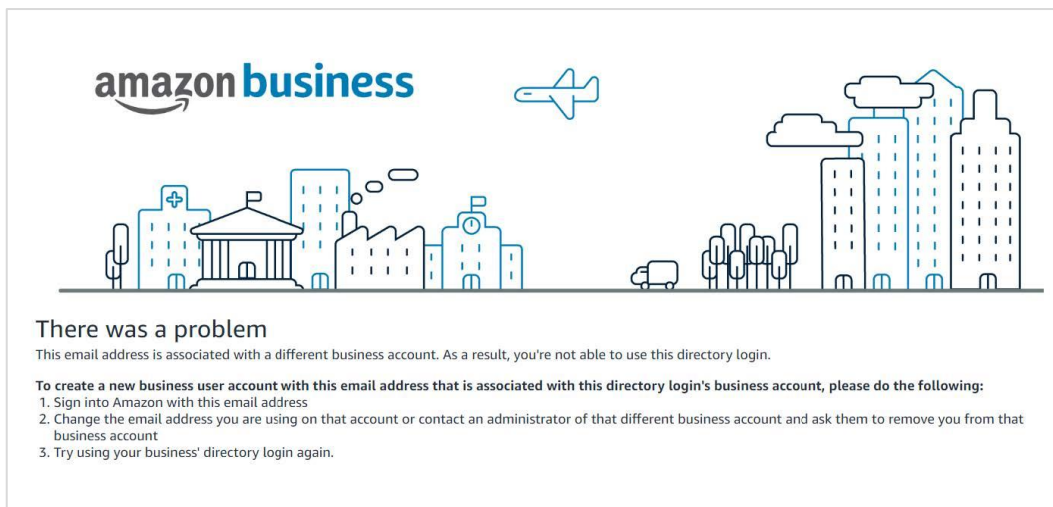


Single Sign-on (SSO) Integration



- Once completed, you will be logged in to Amazon Business.

- If the user has an existing Amazon Business account tied to the same work email address, you will have to change the email address. On existing business account or reach out to your administrator of previous business account.



Provisioning Users to Multiple groups

Customers can now provision new users in different groups.

Pre-requisites

- Customer should be able to create and send a new attribute in the SAML assertion.
- Customer should have some mapping between their existing system and AB. i.e. their AB structure reflects departments, business units, cost centers, etc.
- Punchout customers will still need to send User Business Unit (UBU) Value in Punchout cXML as an extrinsic.

There are two ways this can be set up:

Single Sign-on (SSO) Integration

Option 1: Send a Group tag

- Used in scenarios where AB group structure exactly mirrors customers' directory structure
- Customer creates a new "Group" attribute in SAML assertion.
- Pass the full group path for a user e.g. \Company\Finance\New York.

Option 2: Send a Group tag

- Used in scenarios where AB group structure differs from customer's directory structure. e.g. group on customer side is " Finance Cost Center – 001", while group on AB is simply "Finance".
- Customer creates a new "GroupTag" attribute in SAML assertion.
- Customer adds a tag to each group on AB. AB contact can help with this
- Customer simply passes tag in SAML assertion. AB checks if tag in SAML assertion matches tag on any group, and if match, creates user in that group.
- Group Tag can be setup at the time of group creation as shown below.

Create Group

Group name

Enter group name

Payment options

Allow people to place orders on this group using

Individual payment methods and addresses

Shared payment methods and addresses

Do not allow users to place orders on this group

PunchOut (optional)

Assign PunchOut orders to:

Business unit / Department name / Cost center

Add Group Cancel

FAQ

Which identity providers are supported?

Amazon Business uses the industry standard Security Assertion Markup Language (SAML) 2.0, which means our implementation of SSO integrates easily with any large identity provider that supports SAML. We support service provider initiated SAML with identity providers such as Okta, OneLogin, AWS SSO, TrustLogin, and Azure AD.

Is there any impact to existing users?

Single Sign-on (SSO) Integration

There is no impact to existing users when the account switches to SSO.

Do you support SP initiated or IDP-initiated SSO?

We support both.

How can I update the SSO configuration once it is switched to Active?

Please click on "Get Help" on SSO configuration page and submit a request. Alternatively, you can reach out to our dedicated customer support team at corporate-punchout@amazon.com or [+1 \(888\) 281-384](tel:+1888281384).

Can I bypass SSO and directly access AB by logging in?

An SSO user will be able to access AB directly without a password by navigating to amazon.com/business and still be redirected into an SSO authenticated session.

Does SSO manage users?

No. SSO helps with first time user provisioning and subsequent authentication. SSO will not manage user movement across groups. Once the user is manually moved, SSO will honor the new group.

Appendix

Definitions

- SAML 2.0: The industry-standard SSO communication protocol
- Identity Provider (IdP): A solution that provides SSO capabilities such as authentication, identity of users, groups etc. Common IdPs include Okta, OneLogin, Microsoft ADFS, Azure AD, and AWS SSO (all are supported by AB SSO).
- Service Provider (SP): The application that a user accesses through SSO e.g. Concur, ADP, Salesforce, AWS, or Amazon Business
- SAML Assertion/Attribute/Claim: A SAML Assertion is the request/response passed between user's browser and Amazon Business. It contains Attributes are specific pieces of data that provide information about the user e.g. Email Address, Name, Group, GroupTag. Assertions essentially contain information that verifies who the IDP is, who the user is, and whether the user should have access to Amazon Business.
- Claim is a common term used in Microsoft products (ADFS, Azure) and are interchangeable with assertion/attributes.

Amazon Business Customer Service/Post-Production Support

Contact the Amazon Business customer service team for any transactional questions related to an order, including ordering, quantity availability, shipment speed, delivery tracking, returns, and refunds. This team can also provide administrator support, including feature configuration and system integration support.

Single Sign-on (SSO) Integration

Phone: [\(888\) 281-3847](tel:8882813847) | Email: corporate-punchout@amazon.com

Please note that we keep adding new features to Amazon Business and the website. You may see slight differences in terminology and/or layout compared to this document. If you have any questions, please call Amazon Business Customer Support.

Learn more about Amazon Business SSO: <https://business.amazon.com/en/find-solutions/manage-purchasing/single-sign-on-ss0>.