

Matrix42 MyWorkspace

Getting Started with Amazon Web Services (AWS)



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1. Summary

Amazon Web Services are used to manage many different cloud based elastic services of Amazon. The most popular example is Amazon EC2, S3 or Simple DB but also new business services like Amzon Work Mail is managed with the identity services of Amazon Web Services (AWS). This getting started guide describes how to integrate the identity services of Amazon Web Services with Matrix42 MyWorkspace.

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2. Goal

After completing this getting started guide you will be able to connect an existing or new Amazon Web Services account to Matrix42 MyWorkspace. This means it's possible to federate AWS with your existing on-premise or cloud based infrastructure, e.g. Active Directory, Azure Active Directory or Google Apps for Business.

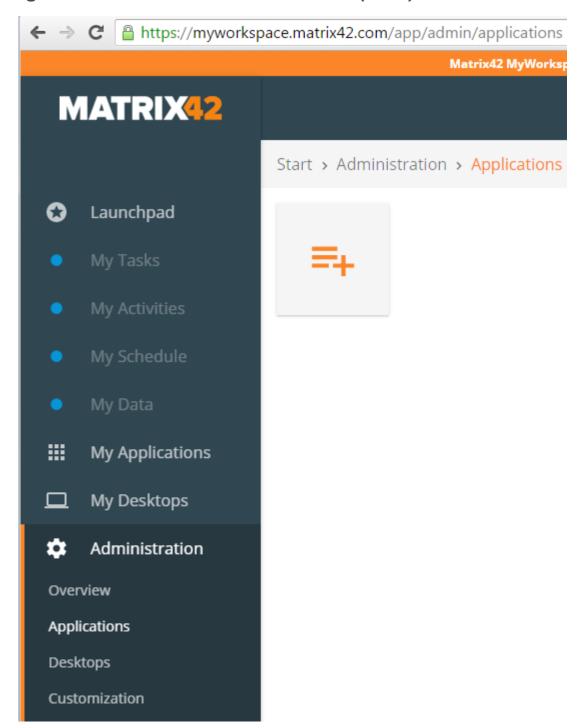
2.1. Signup for Matrix42 MyWorkspace

Visit the MyWorkspace welcome page https://myworkspace.matrix42.com/ and signup for a free new tenant our log into your existing MyWorkspace tenant. After that visit the applications section in the https://myworkspace.matrix42.com/app/admin/applications and click + orange tile to register Amazon Web Services as a new application.

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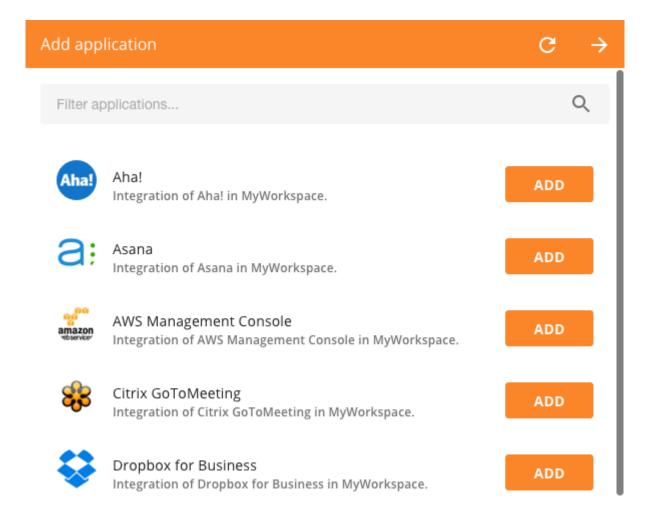






2.2. Register AWS as new application

Amazon Web Services can be registered as a new application in MyWorkspace. This process gives your end users who have permissions on the service seamless access. Start the registration process by pressing the "+" button in the upper right corner and selecting "AWS Management Console" from the applications catalog and click "Add" button.



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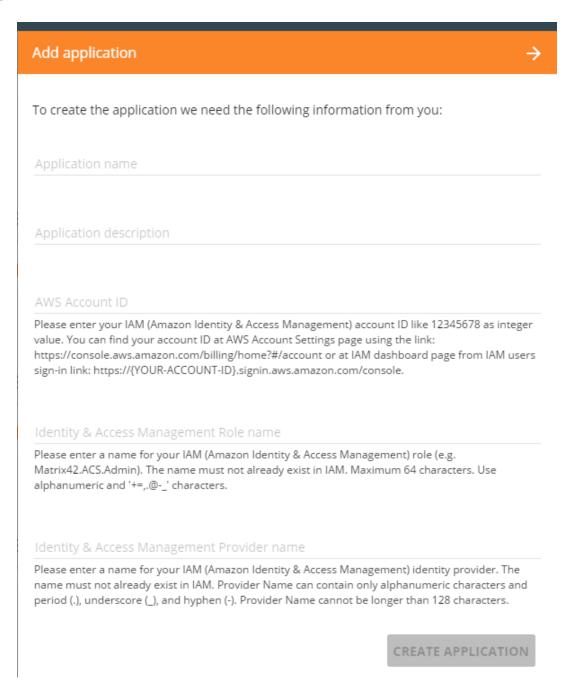
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2.3. Fill AWS Application mandatory fields

Fill AWS application mandatory fields like Application Name, Description, AWS Account ID, Identity & Access Management Role name, Identity & Access Management Provider name.

Please pay attention at fields description for AWS Account ID, Role name and Provider name.



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2.4. Create application

Click "Create application" button. Application will be created and now you need to configure the AWS Management Console and its Identity provider. For this you can use the "Integration Guide" button for created application or follow this document.

2.5. Go to AWS management console

Go to https://console.aws.amazon.com and sign in with your AWS Management Console administrator account.

2.6. Navigate to "Security & Identity" section

Navigate to "Security & Identity" section and click on the "Identity & Access Management" item.

Security & Identity









Certificate Manager Provision, Manage, and Deploy SSL/TLS Certificates

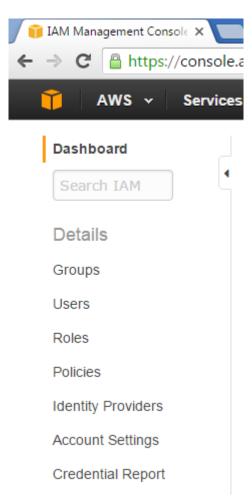
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2.7. Identity Providers

In the left vertical menu click "Identity Providers"



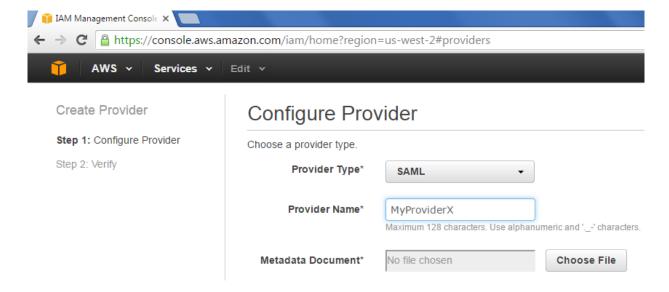


2.8. Create Provider

On the top menu click "Create Provider" button

2.9. Configure your provider

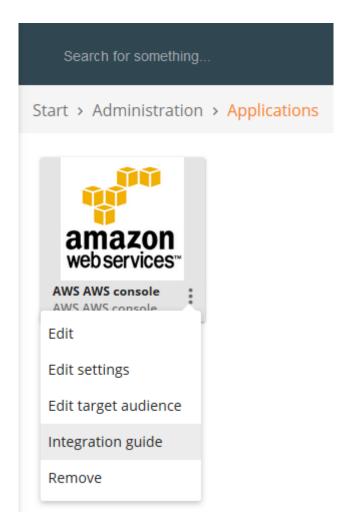
On the "Configure Provider Page" in "Provider Type" dropdown box choose "SAML" and in "Provider Name" field input your Identity Provider Name you used in MyWorkspace during AWS application creation. You can find it in MyWorkspace application Integration Guide, step 5.





2.10. Download MyWorkspace metadata document

Choose your newly created AWS application and press button in the right bottom corner of your application tile. Then in opened menu choose the "Integration Guide" menu item.



The panel with Integration Guide will be opened, then navigate to the Step 6 where you can find the dynamically generated link to the metadata document in the format: https://accounts.matrix42.com/issue/{some-id}/saml2/metadata

Open a new browser tab and navigate by that URL to download your MyWorkspace Identity Provider application specific Metadata document (special for your AWS application).

2.11. Save metadata document

Save your application specific Metadata document on your local drive. You can do this via browser file menu, or using the option "View Source" from browser context menu. Be careful: open saved Metadata document in any text editor and check that it doesn't contain any html styles like padding, etc. or html specific tags like div, span etc. This document should have an XML valid structure.

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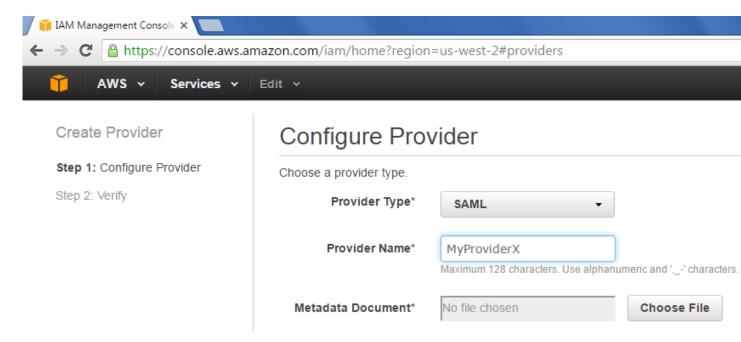
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2.12. Upload your metadata document for AWS Identity Provider

Navigate back to your AWS Management Console.

For "Metadata Document" upload field click the button "Choose File" and choose your previously saved to your local drive Metadata document.



2.13. Click Next

Click "Next Step" button in the right bottom corner.

2.14. Create AWS Identity Provider

On the "Verify Provider Information" page click "Create" button. Then your provider will be created and you will see it at providers list.

2.15. Create new Role

At AWS Management Console in the left navigation menu click "Roles" menu item. Then click "Create New Role" button.

2.16. Fill Role name

On the "Set Role Name" page input your Role name you used in MyWorkspace during AWS application creation. You can find exact Role Name using Integration Guide button, look at Step 12.

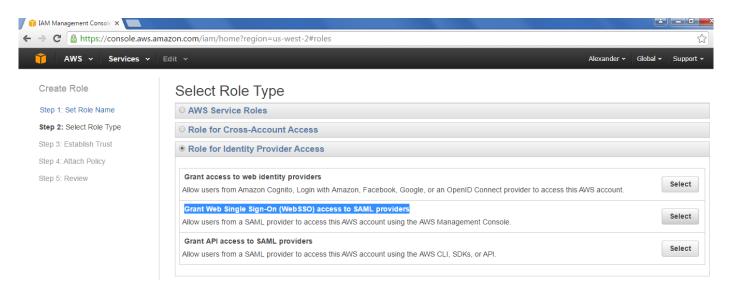
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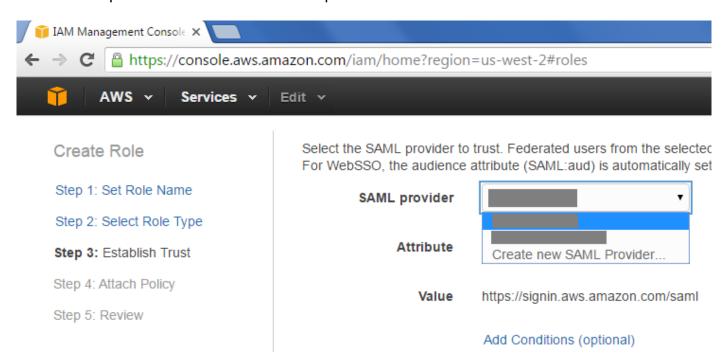
2.17. Select Role Type

On the "Select Role Type" page choose the "Role For Identity Provider Access" item and click "Select" button for "Grant Web Single Sign-On (WebSSO) access to SAML providers" item.



2.18. Choose your Identity Provider

On the opened "Establish Trust" page choose your Identity Provider from the "SAML Provider" dropdown box and click "Next Step" button.



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2.19. Click Next

Click "Next Step" button.

2.20. Choose the policy

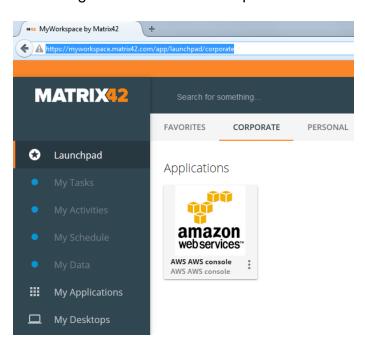
On the "Attach Policy" page attach the needed policy to that role or you can do it afterwards and for now just skip that step. Click "Next Step" button.

2.21. Role Review Page

On the "Review Page" click "Create Role" button.

2.22. Everything is completed

Everything is configured now. To test, if SSO works correctly, sign out from your AWS Management Console account and navigate to the MyWorkspace Launchpad area for Corporate applications: https://myworkspace.matrix42.com/app/launchpad/corporate and click your AWS application tile or use the launch URL provided for your application in the MyWorkspace Application Integration Guide – last step.



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