# RSA SECURID® ACCESS
# Implementation Guide

# Microsoft Azure Active Directory

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RSA READY

## Solution Summary

RSA Cloud Authentication Service provides additional security to Microsoft Azure Active Directory. Microsoft Azure Active Directory performs the primary authentication while RSA's provides the security of multi-factor authentication.

| RSA SecurID Access Features<br>Microsoft Azure Active Directory | |
|---|---|
| **On Premise Methods** | |
| RSA SecurID | ✓ |
| On Demand Authentication | ✓ |
| Risk-Based Authentication (AM) | - |
| **Cloud Authentication Service Methods** | |
| Authenticate App | ✓ |
| FIDO Token | ✓ |
| **SSO** | |
| SAML SSO | - |
| HFED SSO | - |
| OIDC SSO | ✓ |

| Identity Assurance | |
|---|---|
| Collect Device Assurance and User Behavior | ✓ |

## Configuration Summary

All of the supported use cases of RSA SecurID Access with Microsoft Azure Active Directory require both server-side and client-side configuration changes. This section of the guide includes links to the appropriate sections for configuring both sides for each use case.

**RSA Cloud Authentication Service** – Microsoft Azure Active Directory can be integrated with RSA Cloud Authentication Service in the following way:

OIDC via RSA Cloud Service

**Cloud Authentication Service – Cloud Configuration**
**Microsoft Azure Active Directory Configuration**

# RSA SecurID Access Server Side Configuration

## *RSA Cloud Authentication Service Configuration*

### OIDC via RSA Cloud Service

To configure RSA Cloud Service, you must add Azure AD as a Relying Party in the RSA SecurID Access Console. During configuration of the RSA Cloud Service you will need some information from the Azure AD.

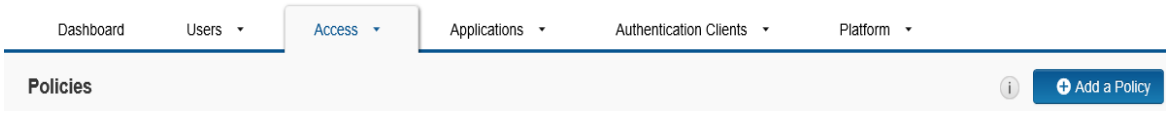
**Before You Begin**

**RSA SecurID Access requirements:**

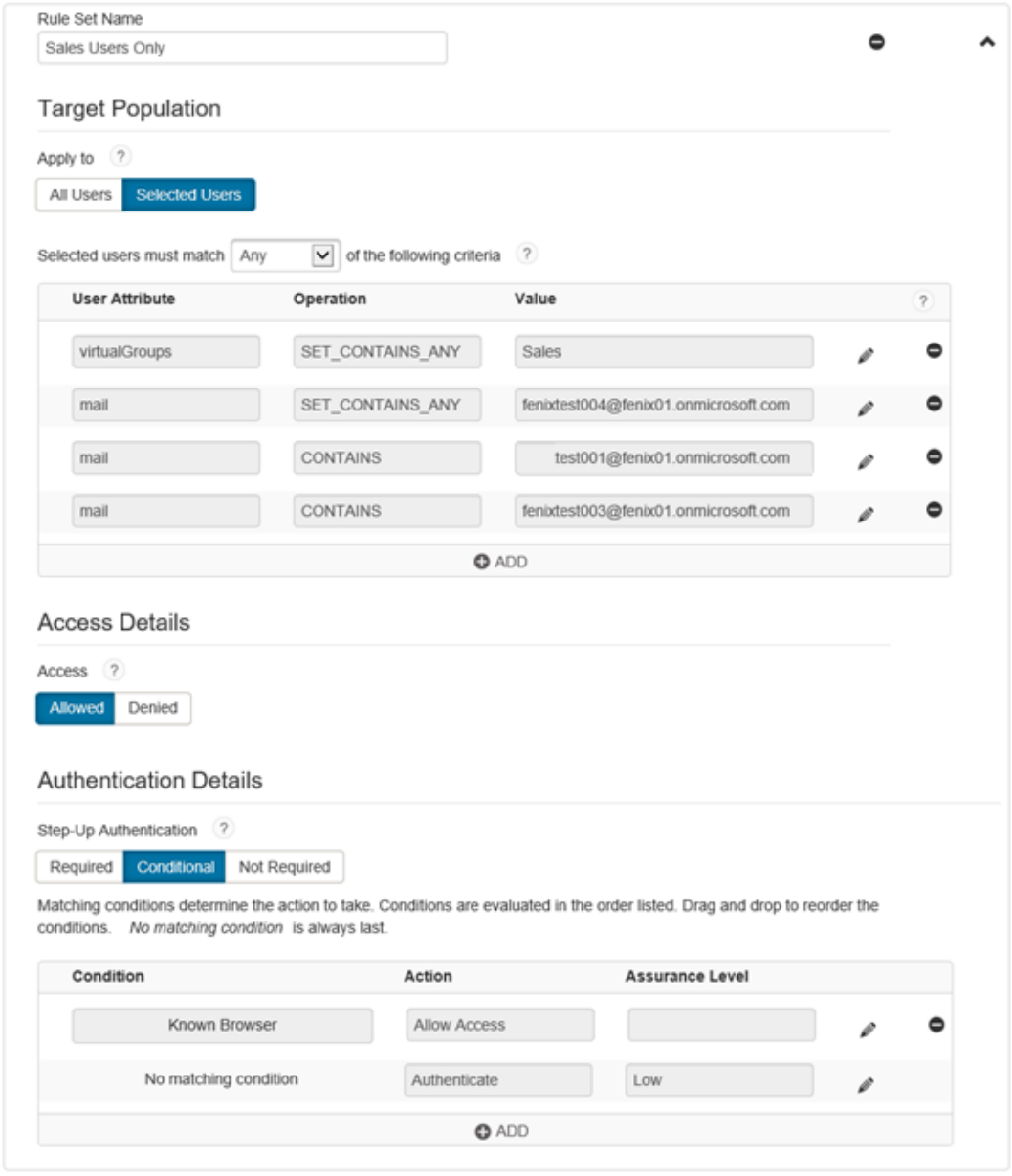
- Register a user with an authenticator.
- Create an Access Policy.

## Create RSA Access Policies

1. Log in to the RSA SecurID Access Administration Console.
2. Navigate to **Access > Policies**.



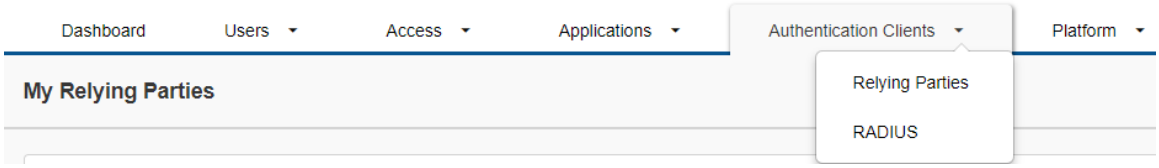

3. Click **+Add a Policy**.
4. Below is an example of a policy which allows specific users access to the application and denies all others.



## Add Azure Active Directory as a Relying Party in RSA SecurID Access

### Procedure

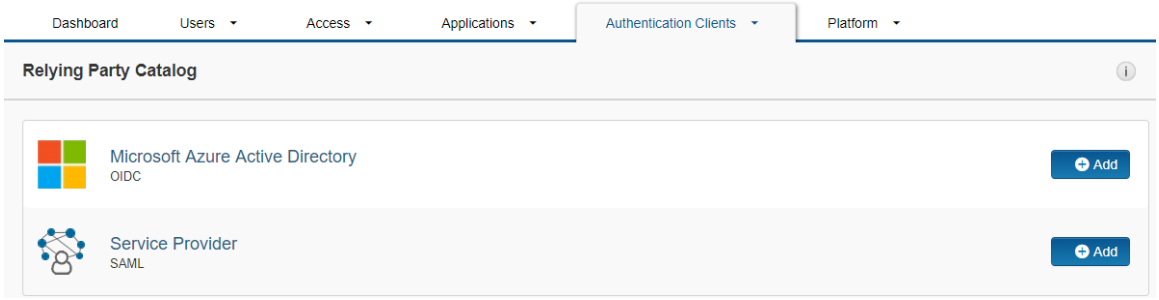
1. Log in to the RSA SecurID Access Administration Console.
2. Navigate to **Authentication Clients > Relying Parties** menu item at the top of the page.




3. Click the **Add a Relying** button on the **My Relying Parties** page.

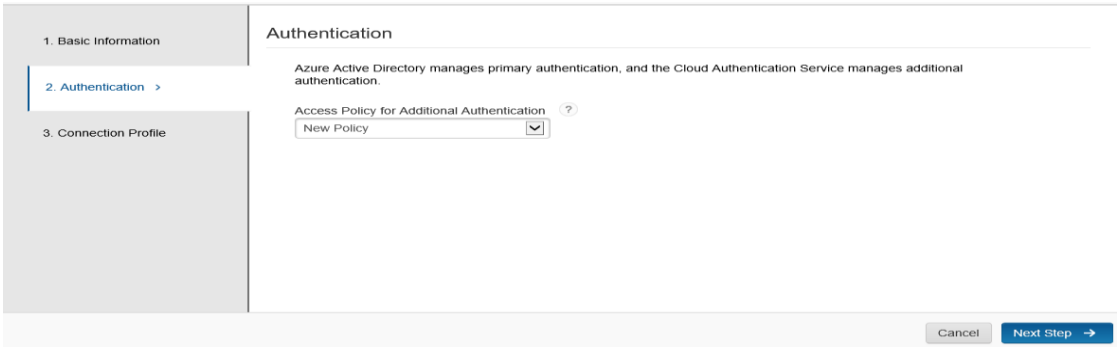

4. From the Relying Party Catalog select the **+Add** button for Azure Active Directory.

> **Note: If you do not see the Azure Active Directory option please contact RSA Support.**

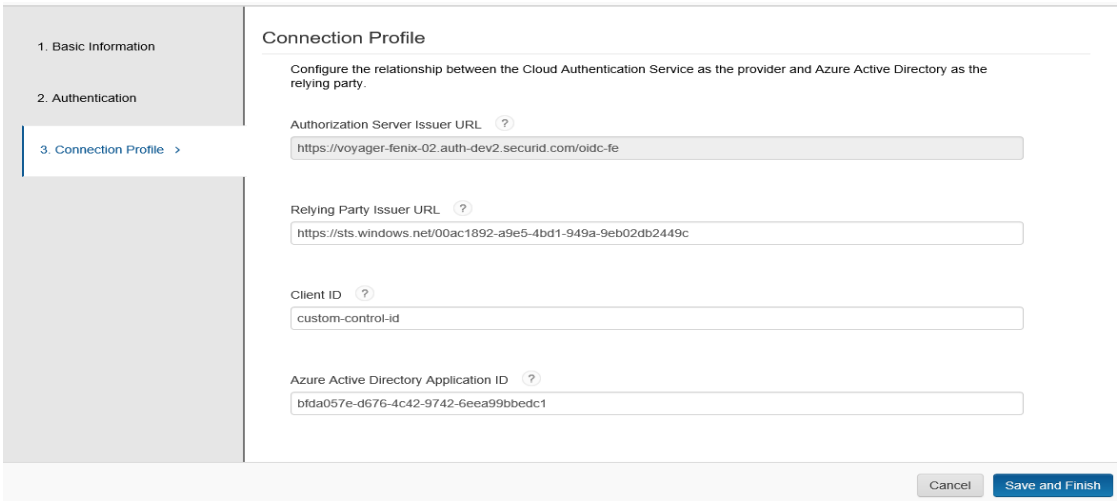



5. Enter a name for the Azure Active Directory in the **Name** field on the **Basic Information** page.
6. Click the **Next Step** button.

7. On the Authentication page, use the pulldown list and select the Access Policy you previously configured.




8. Select **Next Step**.
9. The **Authorization Server Issuer URL** is a generated value which will be needed later to configure the Azure AD.
10. In the Relying Party Issuer URL, replace the **company_id** with your Azure AD Directory ID. To locate your Directory ID, login to the Azure portal and navigate to **Azure Active Directory > Manage > Properties** and copy the **Directory ID**.
    In this example the Relaying Party Issuer URL would be **https://sts.windows.net/00ac1892-a9e5-4bd1-949a-9eb02db2449c**.
11. Enter the **Client ID**. This can be any value but must match the **ClientID** configured in the Azure AD.
12. Verify the **Azure Active Directory Application ID** is **bfda057e-d676-4c42-9742-6eea99bbedc1.**




13. Click **Save and Finish**.
14. Click **Publish Changes**.

# Partner Product Configuration

This section provides instructions for configuring the Microsoft Azure Active Directory with RSA SecurID Access. This document is not intended to suggest optimum installations or configurations.

It is assumed that the reader has both working knowledge of all products involved, and the ability to perform the tasks outlined in this section. Administrators should have access to the product documentation for all products in order to install the required components.

All Microsoft Azure Active Directory components must be installed and working prior to the integration. Perform the necessary tests to confirm that this is true before proceeding.

## *Before You Begin*

- Install Microsoft Azure AD Connect and synchronize your on-premise AD. This is the same on-premise AD configured in RSA SecurID Access as an Identity source.
- Configure at least one Azure AD cloud application.

**For additional information on Microsoft Azure Active Directory and AAD Connect refer to**

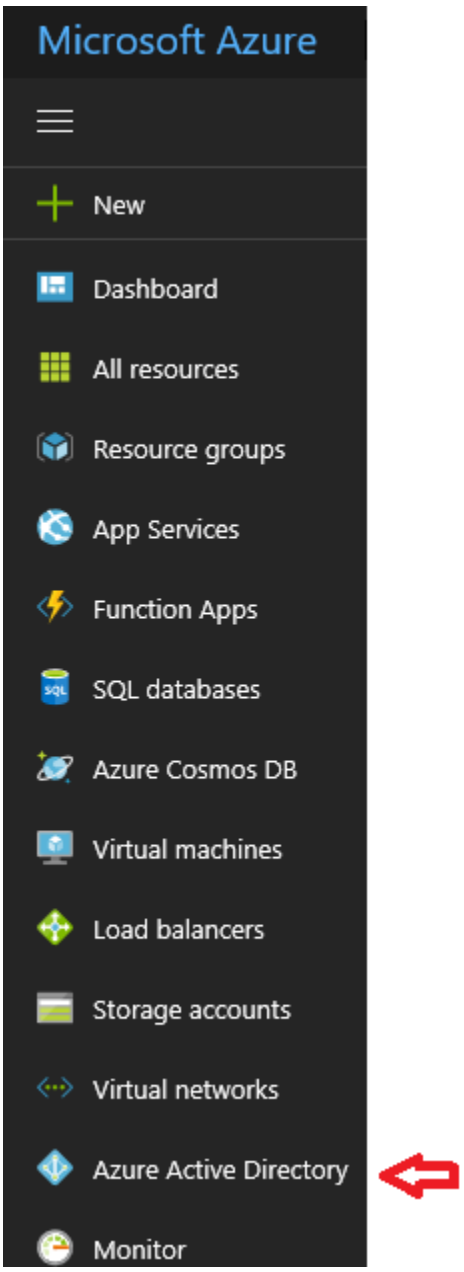
https://docs.microsoft.com/en-us/azure/active-directory/connect/active-directory-aadconnect.

**For an example on how to configure Azure AD application refer to the Microsoft Salesforce tutorial.**

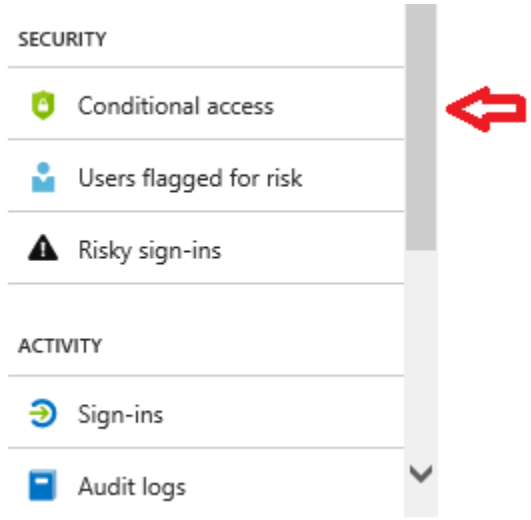
https://docs.microsoft.com/en-us/azure/active-directory/active-directory-saas-salesforce-tutorial

## Microsoft Azure Active Directory Configuration

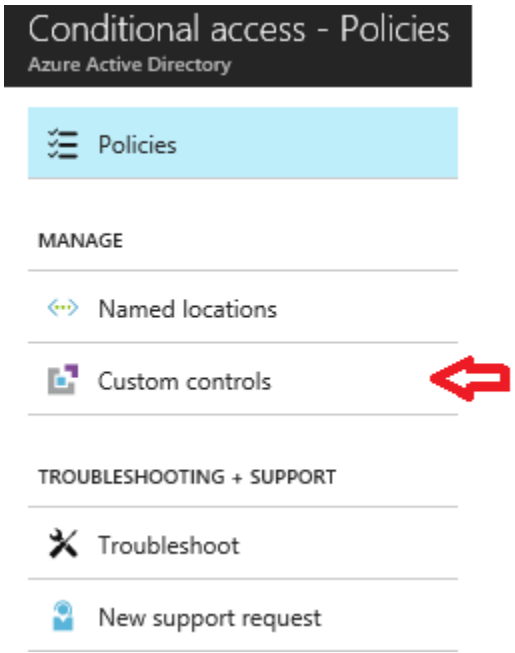
1. Login to Azure Portal **https://portal.azure.com**.
2. Navigate to **Azure Active Directory**.



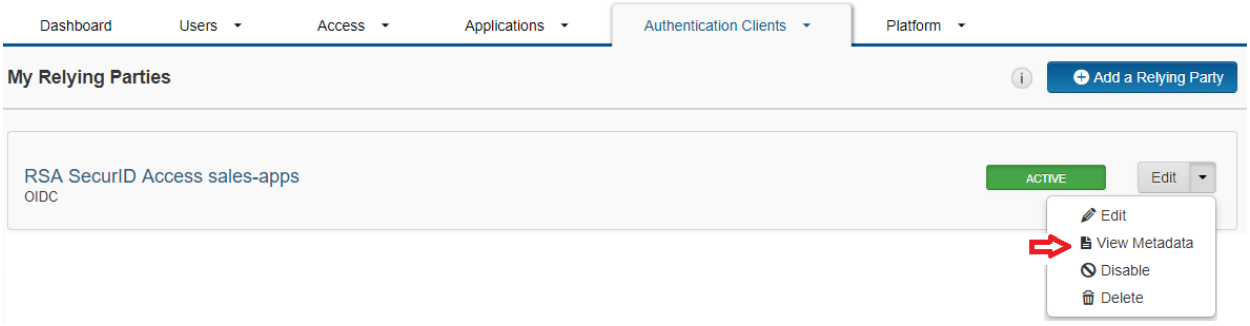
3. The Azure Active Directory menu list will open. Scroll down to **SECURITY > Conditional access**.




4. On the Conditional access page, click on **Custom controls**.



5. Click **+ New custom control**.
6. A window with a JSON script will open. Replace the default script with the metadata file copied from your RSA SecurID Access Console. Navigate to **Authentication Clients > Relying Parties**. Select the **Edit** pulldown and click **View Metadata**. Copy and paste script into JSON window.



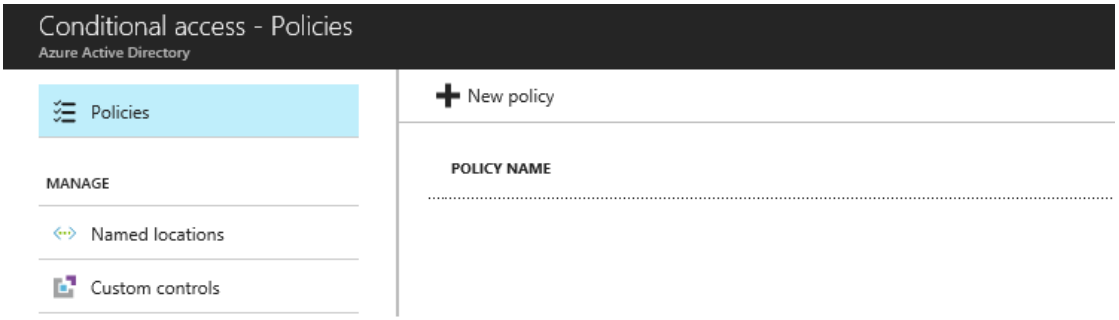

   a. **Name:** must be unique between all Custom controls.
   b. **AppID:** enter **bfda057e-d676-4c42-9742-6eea99bbedc1**.
   c. **ClientID**: enter the **Client ID** value from step 11 on page 7.
   d. **DiscoveryUrl**: enter the **Authorization Server Issuer URL** appended by **/.well-known/openid-configuration**.
   e. **Id**: need to be unique between all Custom controls.
   f. **Name**: same as step 6a.
   g. **Type**: enter **mfa-policy**.
   h. **Value**: needs to have a single space between quotes.

Enter the JSON for customized controls given by your claim providers.

```
{
    "Name": "RSA SecurID Access sales-apps",
    "AppId": "bfda057e-d676-4c42-9742-6eea99bbedc1",
    "ClientId": "custom-control-id",
    "DiscoveryUrl": "https://voyager-fenix-02.auth-dev2.sercurid.com/oidc-fe/.well-
known/openid-configuration",
    "Controls": [{
        "Id": "RSA SecurID Access sales-apps",
        "Name": "RSA SecurID Access sales-apps",
        "ClaimsRequested": [{
            "Type": "mfa-policy",
            "Value": "",
            "Values": null
        }]
    }]
}
```

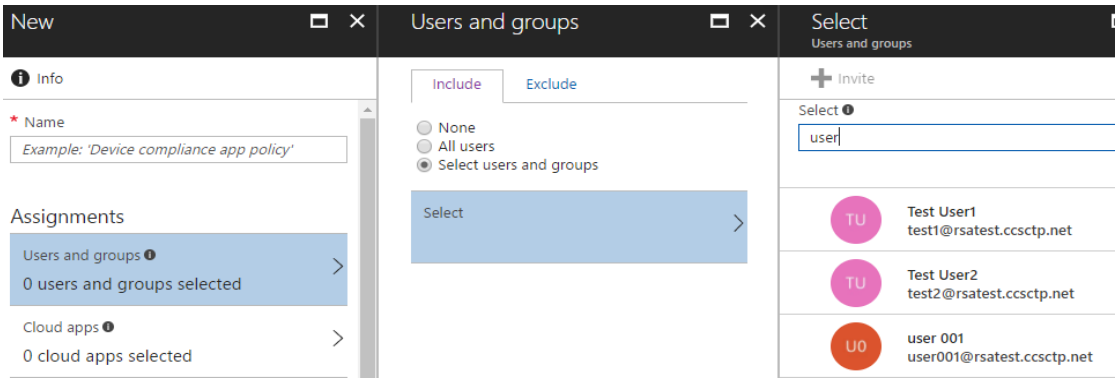
7. Click **Create**.

8. From the Conditional access menu, select Policies. Click **+ New policy**.

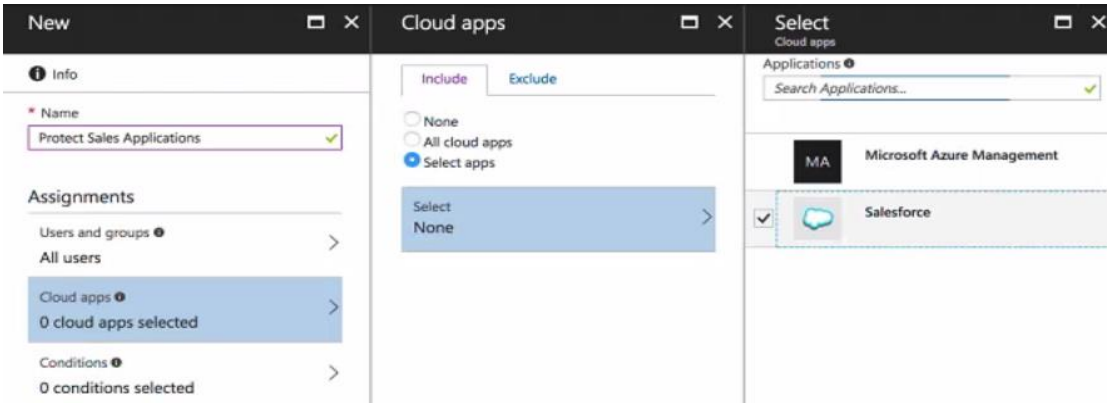



9. Enter a name for the new policy for example *Protect Sales Applications*.
10. Under Assignments, select **Users and groups**.
11. Select the users which require additional authentication.
12. In the Users and groups window, click **Done**.

**Note: To avoid locking out the administrator account select the Exclude tab and exclude the administrator from this policy.**

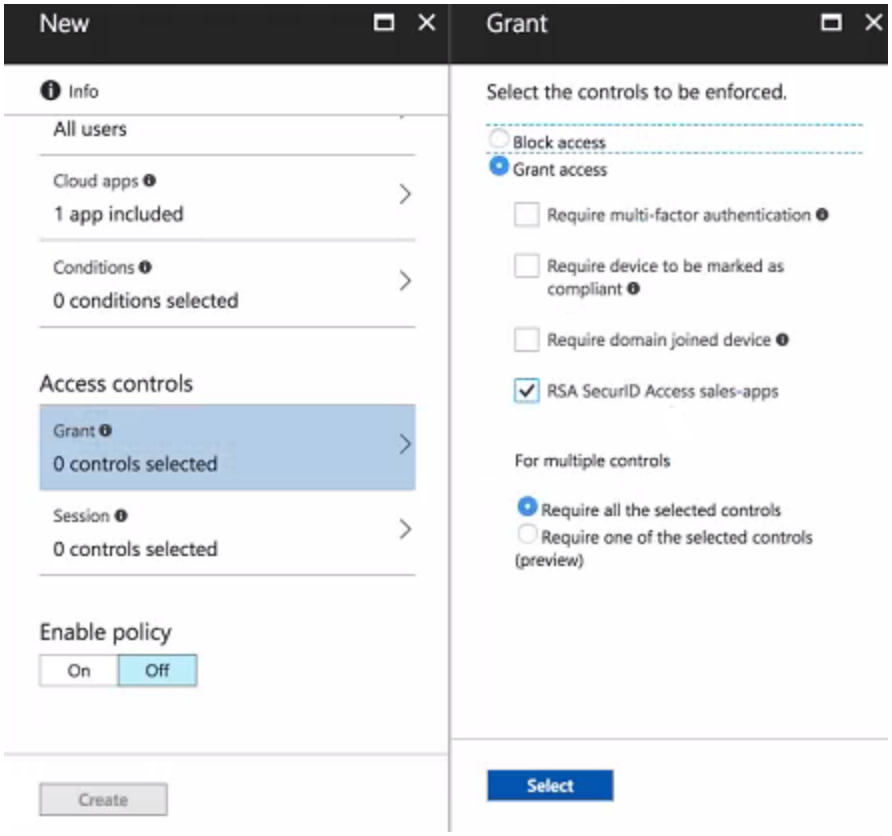



13. Under Assignments, select **Cloud apps**.
14. In the Cloud apps > Include window, select which apps this policy will apply to.

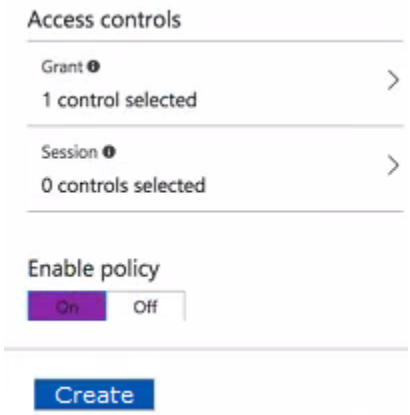



15. In the Cloud apps window, click **Done**.

16. Select **Access controls**.
17. Click **Grant.**
18. In the Grant window, select **Grant access** and select the Custom control you created in step 6 page 11.



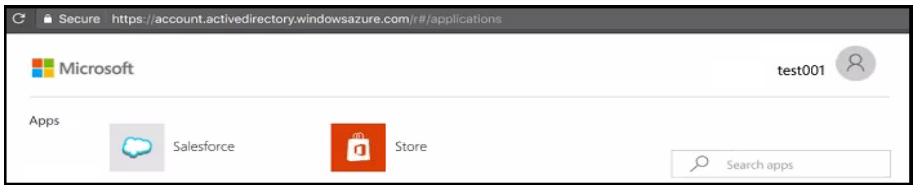

19. Click **Select**.
20. Select **On** to enable the policy.




21. Click **Create**.

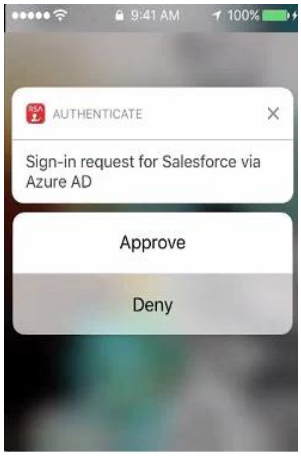
## User Experience

1. Login to the Azure portal.




2. Select a protect application.
3. This will redirect you to RSA for additional authentication.


4. Receive your Approve request on your RSA Authenticator.




5. Click **Approve**.
6. Your successfully logged in to your protect application home page.