Lab Manual- Setup and Manage Azure Sentinel

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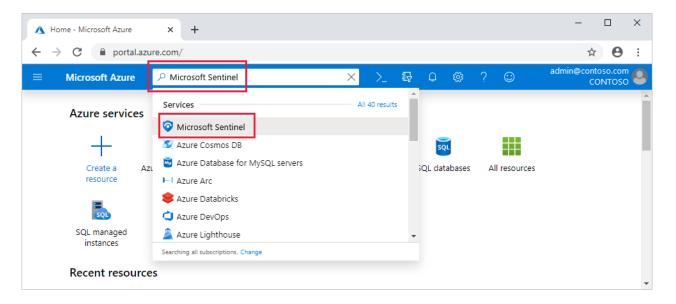
1. Introduction

Microsoft Sentinel comes with a number of connectors for Microsoft solutions, available out of the box and providing real-time integration, including Microsoft 365 Defender (formerly Microsoft Threat Protection) solutions, Microsoft 365 sources (including Office 365), Azure AD, Microsoft Defender for Identity (formerly Azure ATP), Microsoft Defender for Cloud Apps, security alerts from Microsoft Defender for Cloud, and more. In addition, there are built-in connectors to the broader security ecosystem for non-Microsoft solutions. You can also use Common Event Format (CEF), Syslog or REST-API to connect your data sources with Microsoft Sentinel In this Lab , we will understand how to create an Azure sentinel workspace and connect with Data source

2. Lab: Setup Azure Sentinel workspace

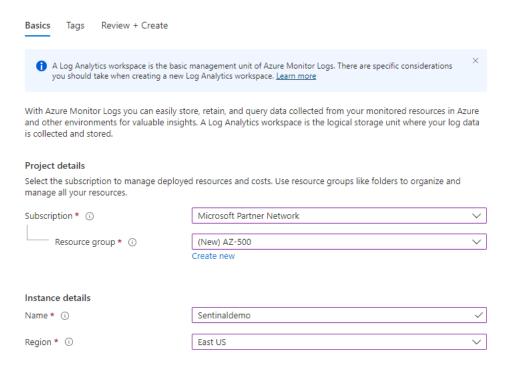
2.1 Enable Microsoft Sentinel

- 1. Sign in to the Azure portal. Make sure that the subscription in which Microsoft Sentinel is created is selected.
- 2. Search for and select Microsoft Sentinel.

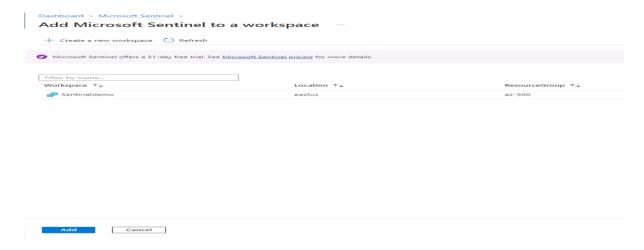


- 3. Select Add.
- 4. create a new one.

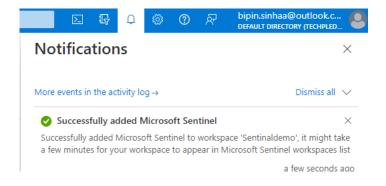
Create Log Analytics workspace



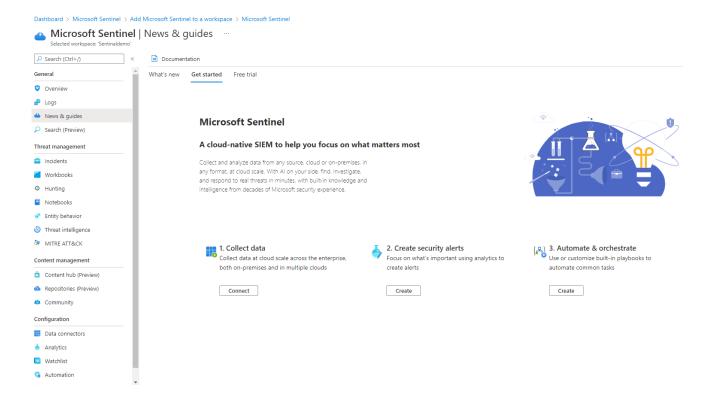
- 5. Click Review and Create
- 6. Once Created click add to On the Add Microsoft Sentinel to a workspace blade,



7. Once Created click add to On the Add Microsoft Sentinel to a workspace blade

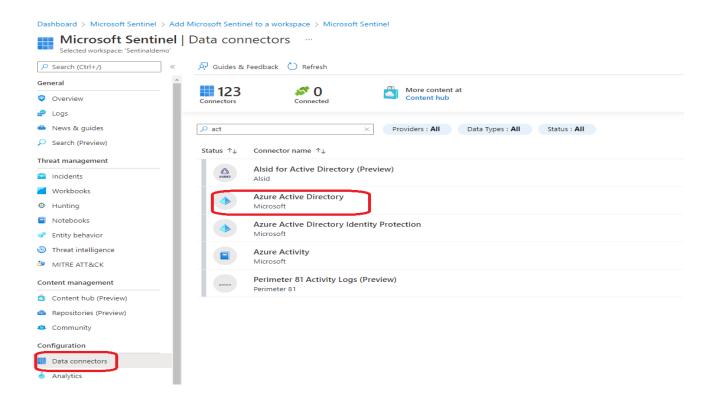


8. Once Created click add to On the Add Microsoft Sentinel to a workspace blade

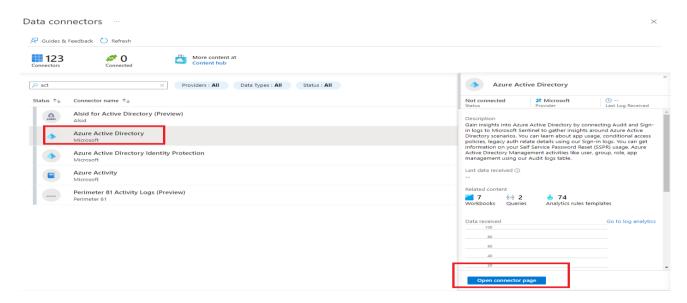


3.1 Connect to Active Directory

- 1. In Microsoft Sentinel, select **Data connectors** from the navigation menu.
- 2. From the data connectors gallery, select Azure Active Directory

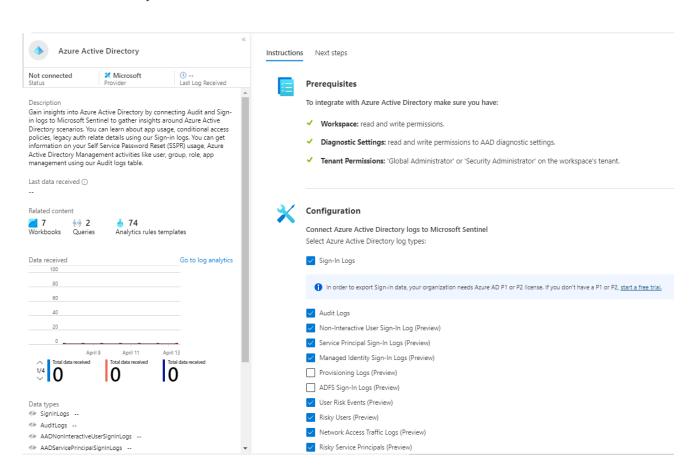


3. Then select **Open connector page**.



4. Mark the check boxes next to the log types you want to stream into Microsoft Sentinel (see below), and select **Connect**.

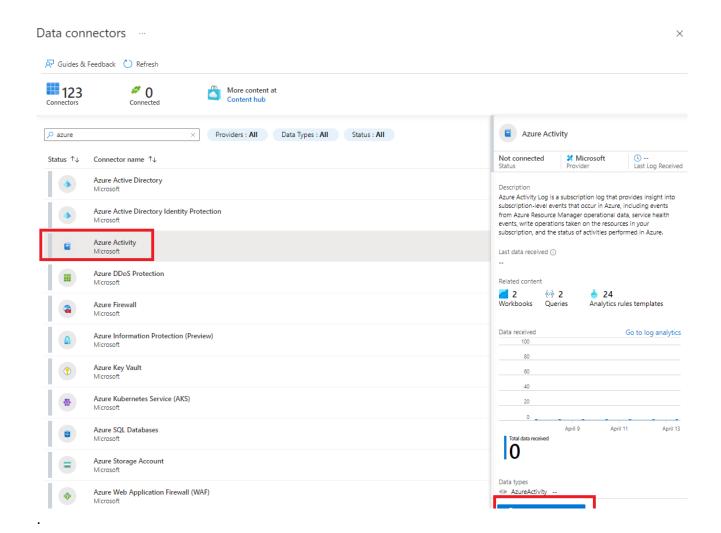
Azure Active Directory ...



5. Mark the check boxes next to the log types you want to stream into Microsoft Sentinel (see below), and select **Apply Changes**

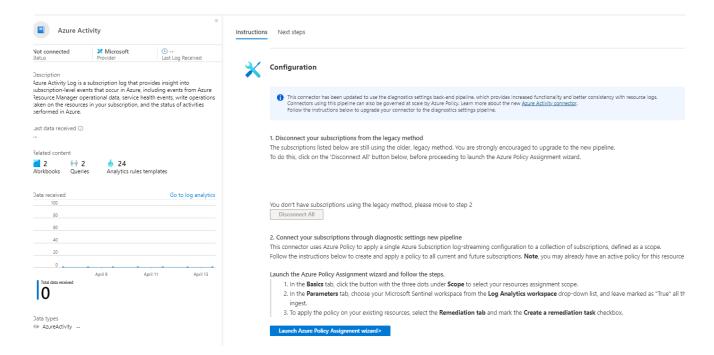
2.2 Connect to Azure Activity

 On the Microsoft Sentinel | Data connectors blade, review the list of available connectors, type Azure into the search bar and select the entry representing the Azure Activity connector

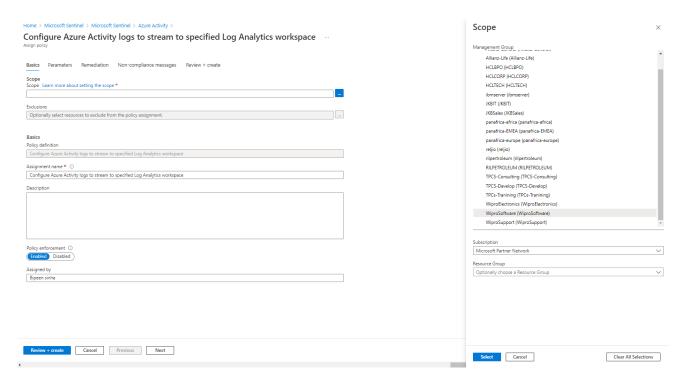


- 2. Then select **Open connector page**.
- 3. On the **Azure Activity** blade the **Instructions** tab should be selected, note the **Prerequisites** and scroll down to the **Configuration**. Take note of the information describing the connector update. Your Azure Pass subscription never used the legacy connection method so you can skip step 1 (the **Disconnect All** button will be grayed out) and proceed to step 2.
- 4. In step 2 Connect your subscriptions through diagnostic settings new pipeline, review the "Launch the Azure Policy Assignment wizard and follow the steps" instructions then click Launch the Azure Policy Assignment wizard>.

Azure Activity ...

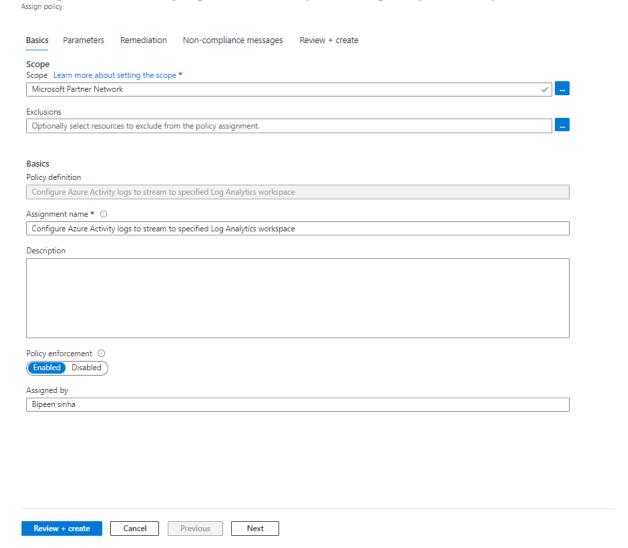


5. On the **Configure Azure Activity logs to stream to specified Log Analytics workspace** (Assign Policy page) **Basics** tab, click the **Scope elipsis (...)** button. In the **Scope** page choose your Azure Pass subscription from the drop-down subscription list and click the **Select** button at the bottom of the page.

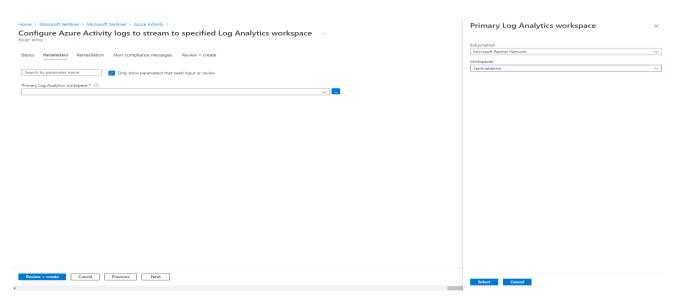


6. Click Next

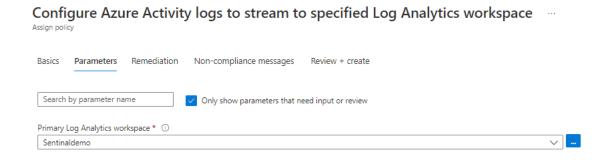
Configure Azure Activity logs to stream to specified Log Analytics workspace



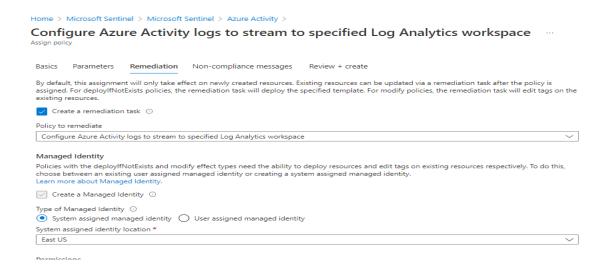
- 7. Click Next
- 8. Click the **Next** button at the bottom of the **Basics** tab to proceed to the **Parameters** tab. On the **Parameters** tab click the **Primary Log Analytics workspace elipsis (...)** button. In the **Primary Log Analytics workspace** page, make sure your Azure pass subscription is selected and use the **workspaces** drop-down to select the Log Analytics workspace you are using for Sentinel.



9. When done click the Select button at the bottom of the page and click Next



10. Click the Next button at the bottom of the Parameters tab to proceed to the Remediation tab. On the Remediation tab select the Create a remediation task checkbox. This will enable the "Configure Azure Activity logs to stream to specified Log Analytics workspace" in the Policy to remediate drop-down. In the System assigned identity location drop-down, select the region (East US for example) you selected earlier for your Log Analytics workspace.



11. Click the Next button at the bottom of the Remediation tab to proceed to the Non-compliance message tab. Enter a Non-compliance message if you wish (this is optional) and click the Review + Create button at the bottom of the Non-compliance message tab.

С

Home > Microsoft Sentinel > Microsoft Sentinel > Azure Activity >					
Configure Azure Activity logs to stream to specified Log Analytics workspace Assign policy					
Basics Parameters Remediation	Non-compliance messages	Review + create			
Non-compliance messages help users understand why a resource is not compliant with the policy. The message will be displayed when a resource is denied and in the evaluation details of any non-compliant resource.					
Non-compliance message					
Contact Security Head	✓				

12. Click the **Create** button. You should observe three succeeded status messages: **Creating policy** assignment succeeded, Role Assignments creation succeeded, and Remediation task creation succeeded.

13. Verify that the **Azure Activity** pane displays the **Data received** graph (you might have to refresh the browser page).

Note: It may take over 15 minutes before the Status shows "Connected" and the graph displays Data received.

