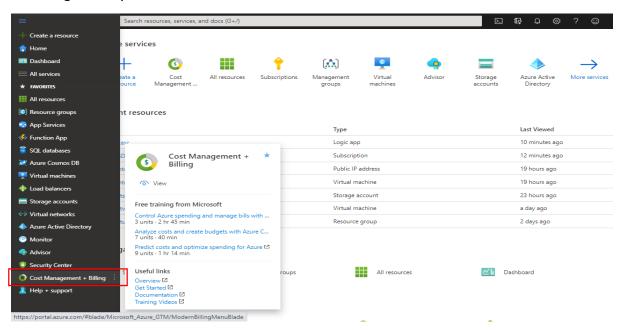
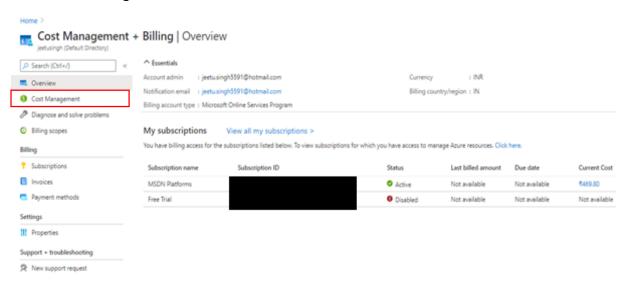
Azure Cost Management & Billing

A walk through

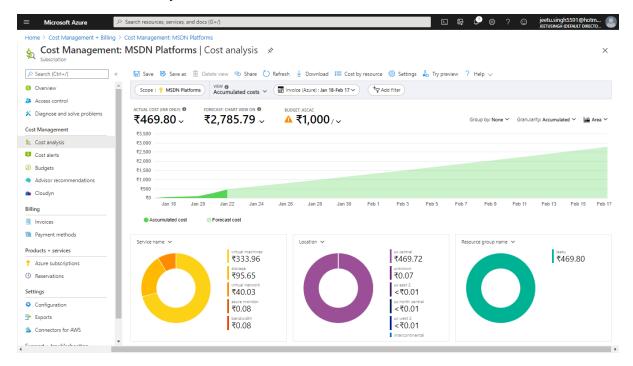
Selecting the required blade:



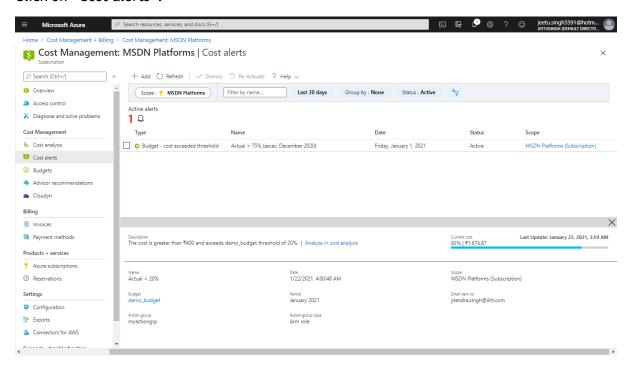
Select Cost Management:



Click on the "Cost Analysis" blade.

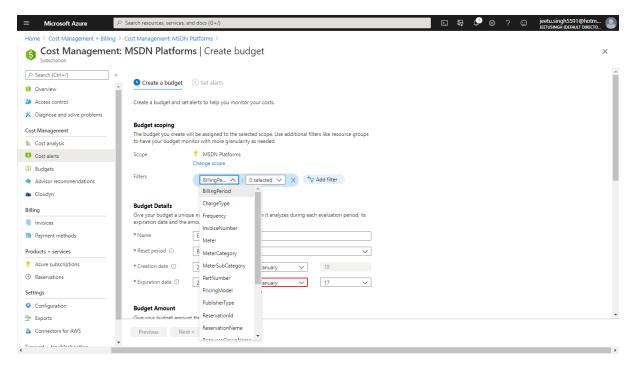


Click on "Cost alerts":

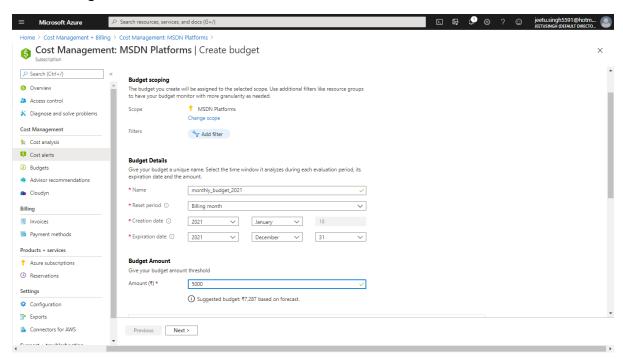


Click "add" to create a new budget using cost alert.

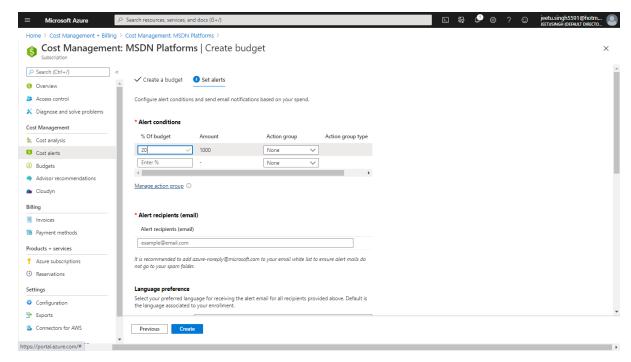
To apply this alert on a specific subscription, select "scope". To apply specific filter(s), select filter.



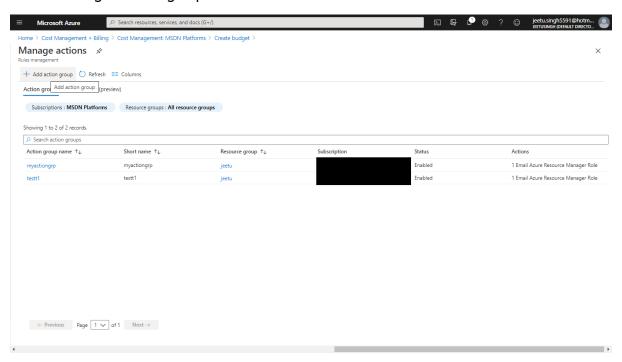
Fill the budget details.



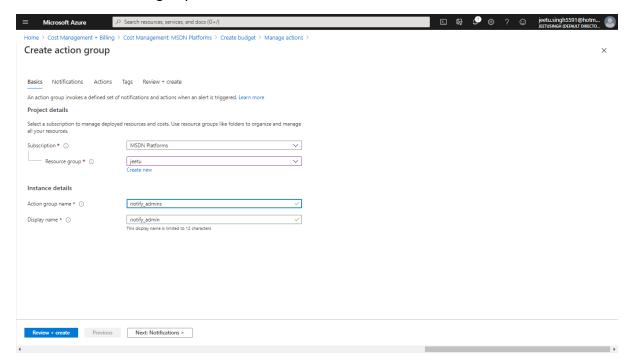
Set the alert condition(s)



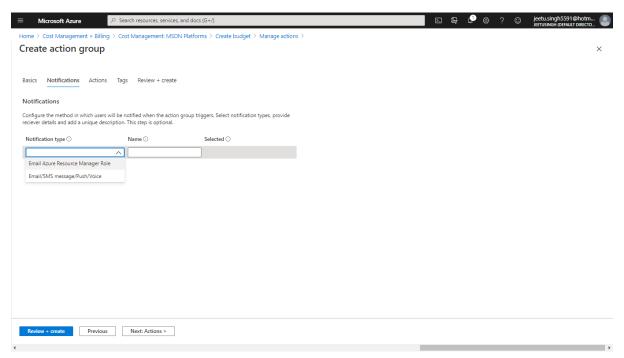
Create manage "action group":



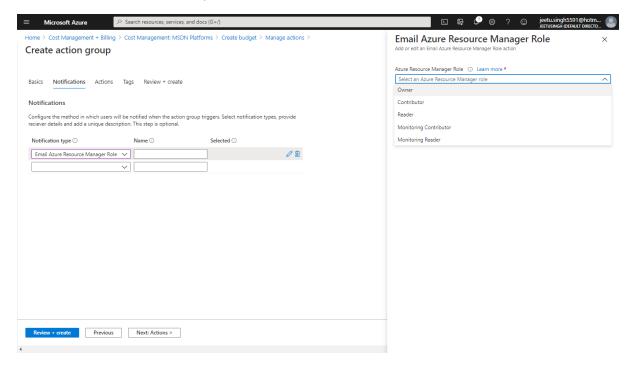
Click on "Add Action group" & fill details:



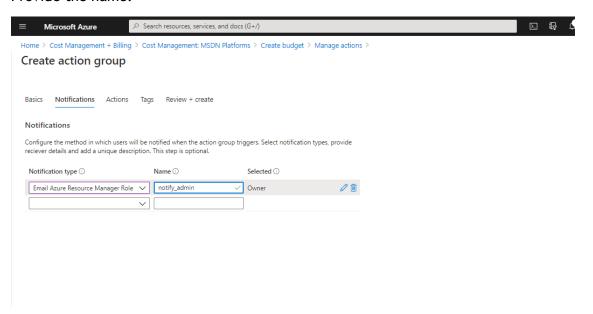
Click on notification, select the required notification type with an appropriate name.



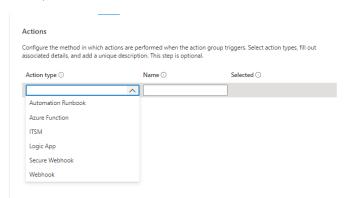
Select "owner" and then OK, to send the notification to all the owners.



Provide the name:

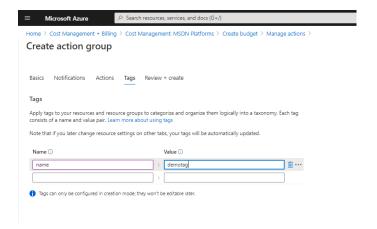


Then, select the "actions"

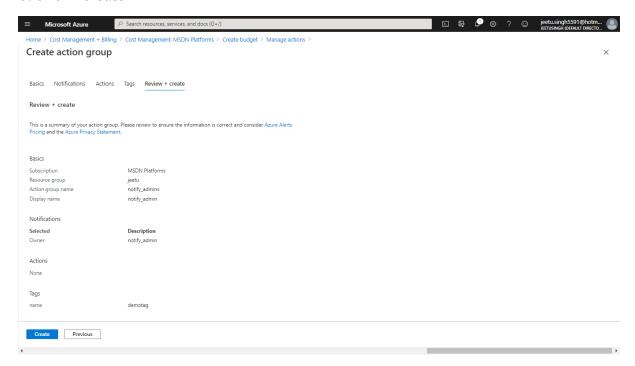


These action type could be selected according to the usage. These action type would help in performing the next step- what to do, when an alert gets triggers.

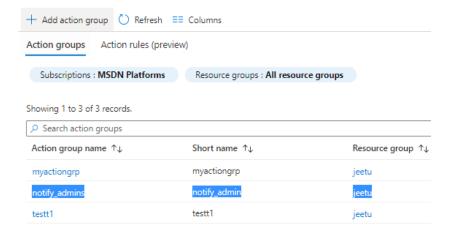
Select the "TAG".



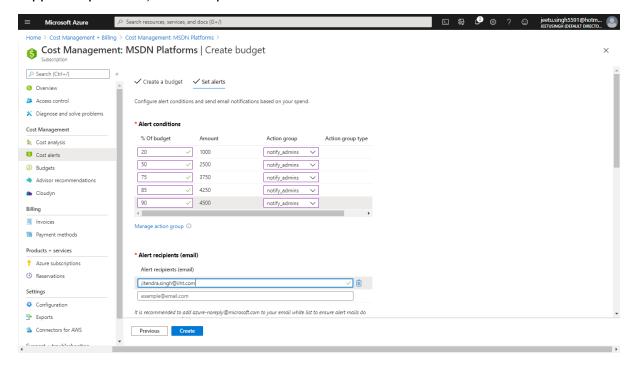
Click on "create"



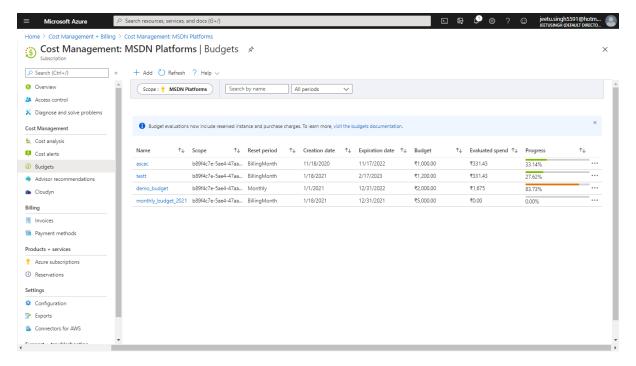
Verify after successful creation.



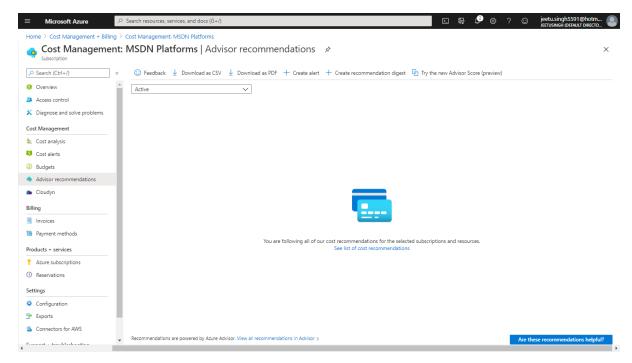
Attach the same action group to the alert condition with the threshold value (max 5 are supported per alert). Add recipient email id for the notification and click on "create".



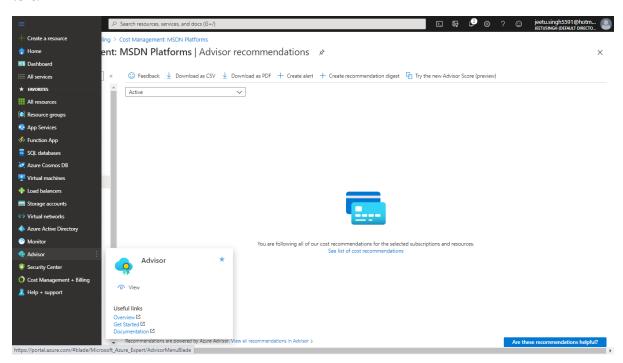
To verify if the budget alert is created or not, select "Budget" blade.

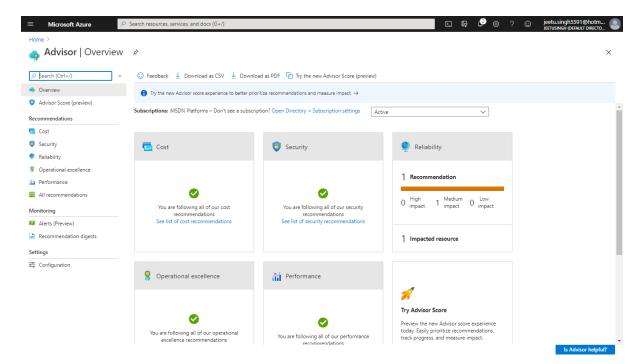


Get the cost saving advices from the "Advice recommendation" blade.

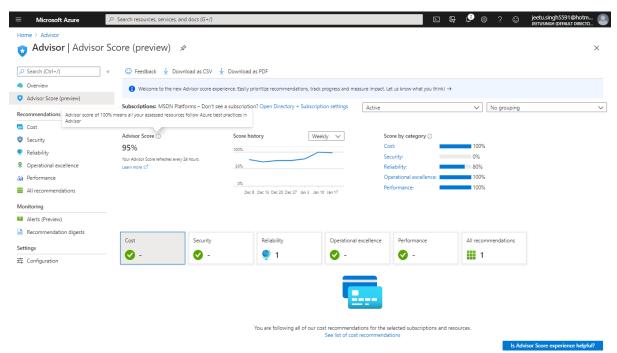


In case, it's empty or does not show anything. Use "Advisor" setting from the favorites on left.



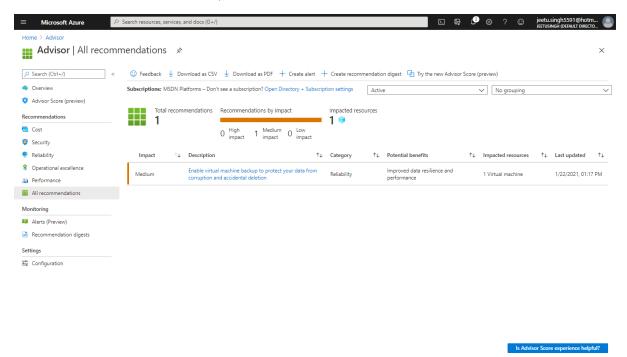


See your advisory score, using Advisor Score (preview)

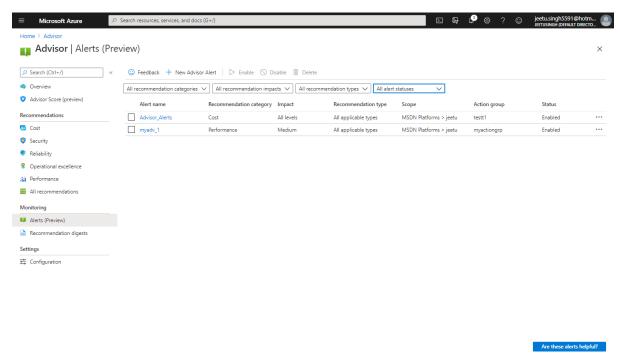


Higher advisor score, means more efficient resource utilization.

To list all the recommendation, select the "All recommendation" blade in Advisor.

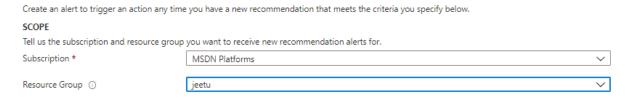


To view advisor alerts or create a new, select "Alert".

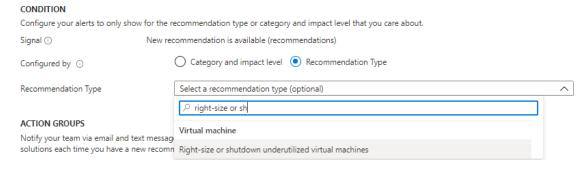


Select "new advisor alert" to create and fill the required details.

Under scope, select the required subscription and/or resource group to apply the alert.

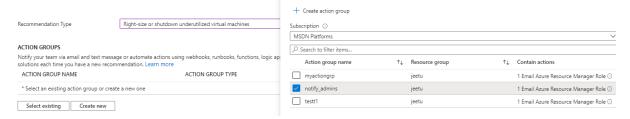


Under condition, create new or select recommendation type:

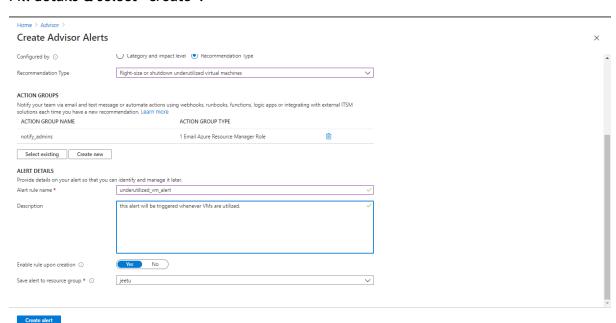


Ex: I have selected "right-size or shutdown underutilized VMs." For the demo.

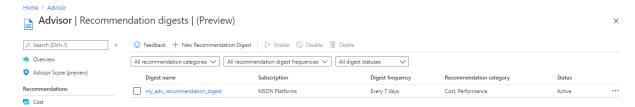
Under "Action groups", select create new or use existing. For demo, I have selected use existing action group.



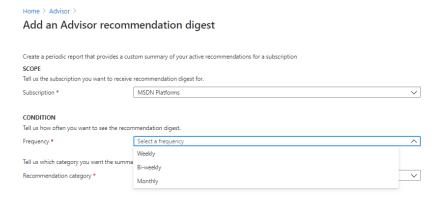
Fill details & select "create".



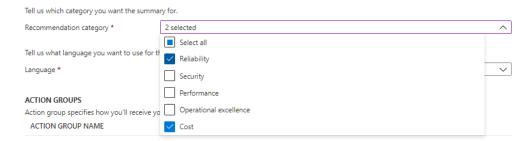
To create recommendation digests select "Recommendation digests" blade.



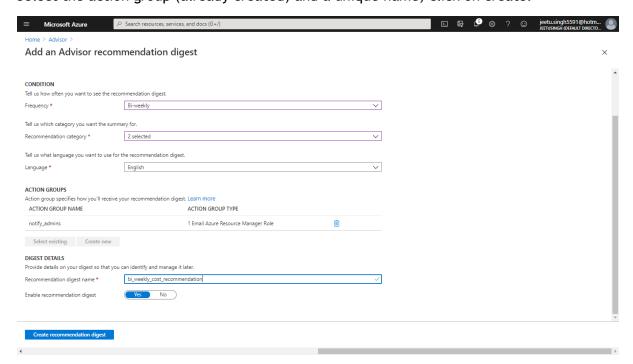
Select the subscription & the frequency to get the recommendation digest.



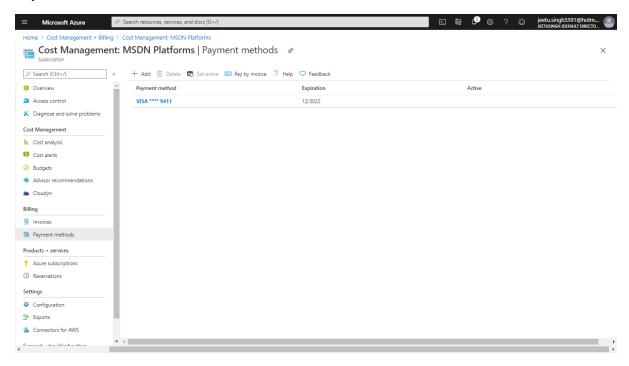
Select the category & language (English in my case).



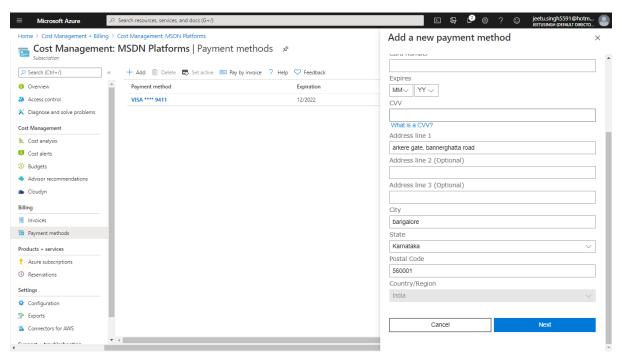
Select the action group (already created) and a unique name, click on create.



Payment Method - view & add.



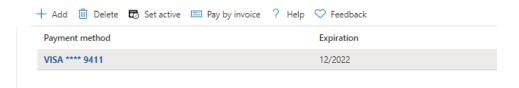
Click on "Add" to add a new card (credit card).



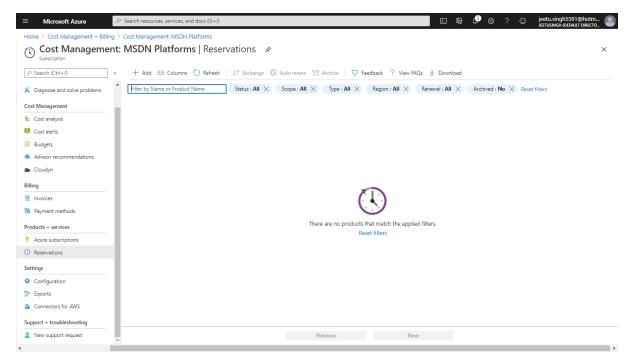
To delete the card, select the card & click on delete.

Cost Management: MSDN Platforms

MSDN Platforms | Payment methods ⋄

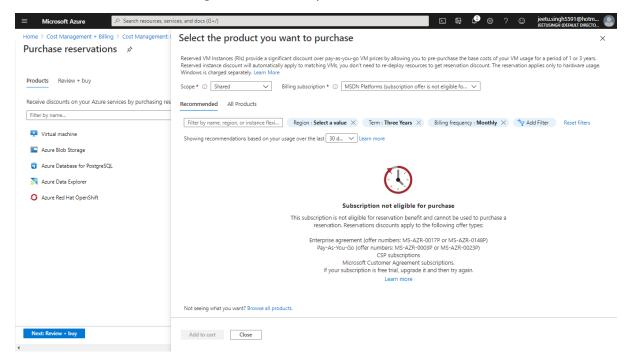


To view or create a new Reservation into the azure account.



Note: Reservation is allowed in a very accounts & offers. Below is the list of supported accounts & offers.

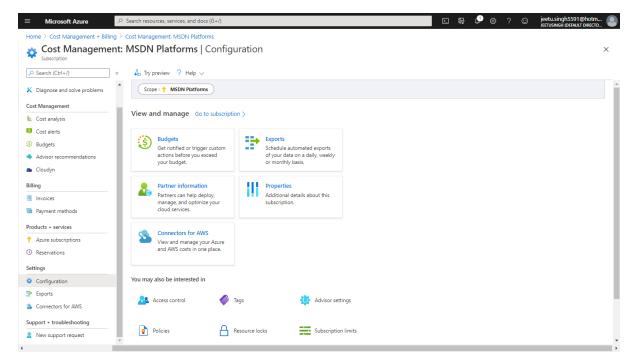
- Enterprise agreement (offer numbers: MS-AZR-0017P or MS-AZR-0148P)
- Pay-As-You-Go (offer numbers: MS-AZR-0003P or MS-AZR-0023P)
- CSP subscriptions
- Microsoft Customer Agreement subscriptions.



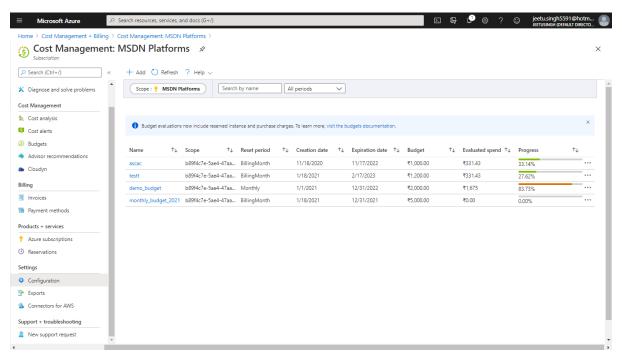
If you have any of the account specified above, proceed further to get the benefits of Azure Reservation.

What are Azure Reservations? - Official documentation | | Video

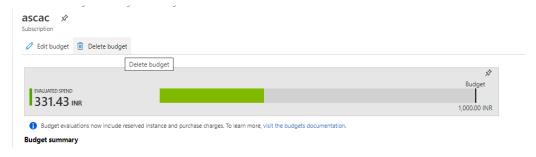
Cost Management: Configuration



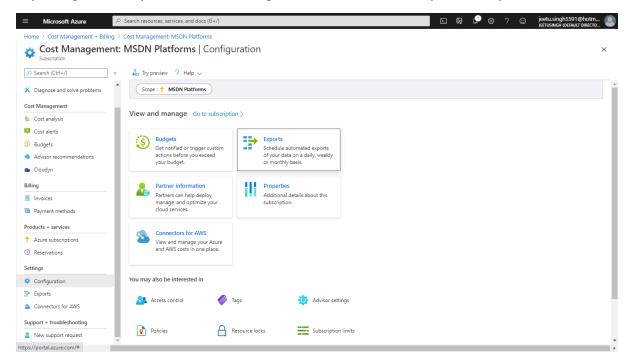
Select budget to create new or list existing budgets on Azure portal.



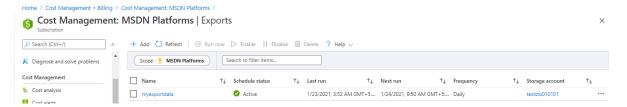
To delete any budget from the list, click on the specific budget & then delete it.



Again switch to the "configuration" blade, this time select "exports" for automatic exporting of the report to Azure storage account's blob on daily or weekly basis.



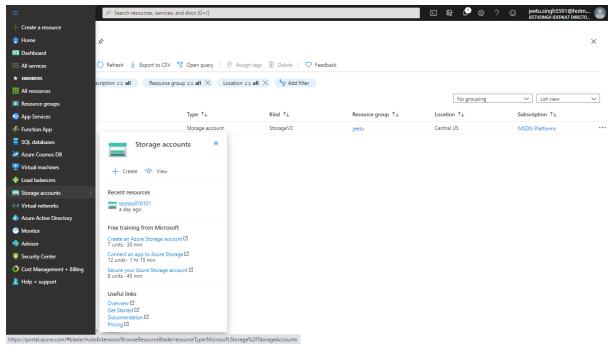
Click on add to create a new auto-schedule export data.



Before you begin, ensure that you have an Azure storage account with a blob in it.

Azure storage account creation:

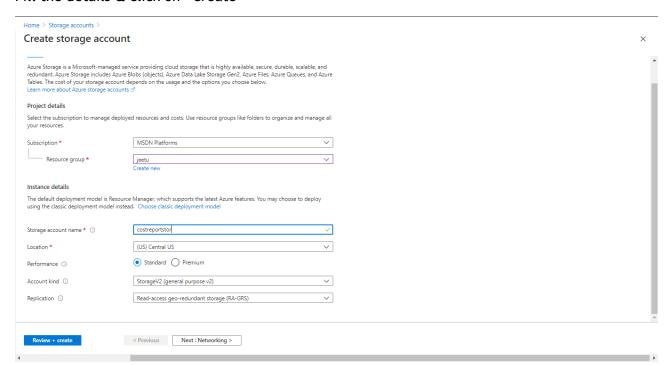
Create a storage account:



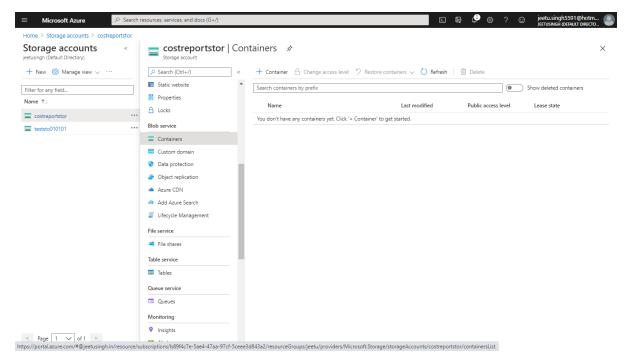
Click on "new"



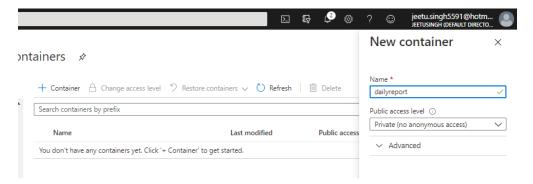
Fill the details & click on "Create"



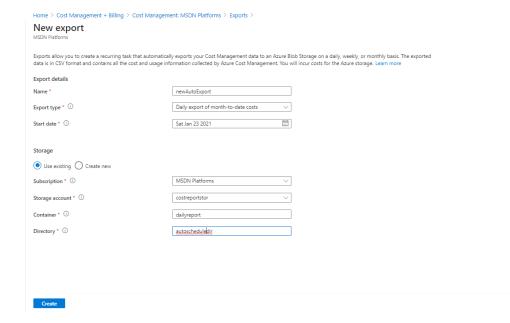
Switch to your newly created storage account & click on "Container".



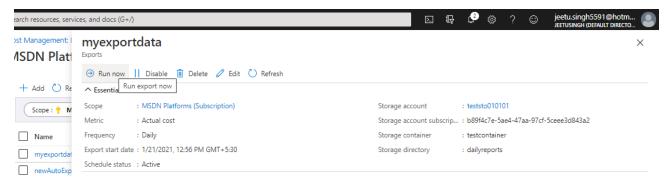
Create a new container.



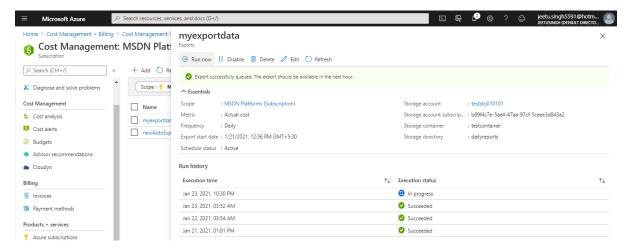
After creation, switch back to export tab in cost analysis fill the details the export details.



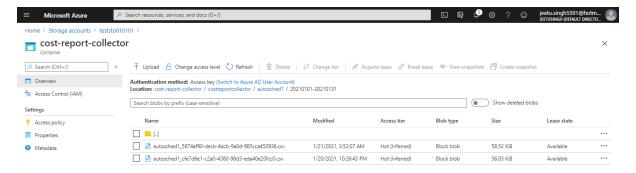
You can wait for some time or click on your schedule name & then select "Run now" to perform the export immediately.



Wait for the execution to get finished.

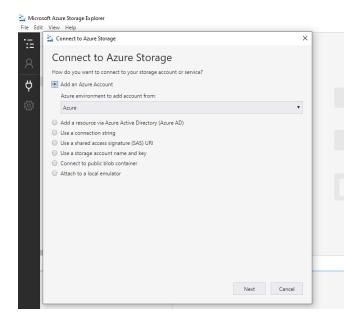


Ex: - Using another storage account for the auto-schedule export, as above export would take a little time.

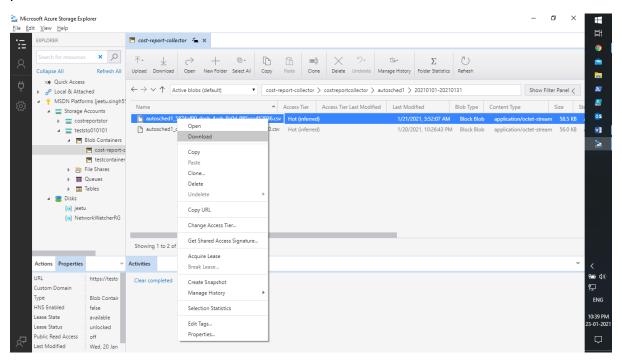


Note: you can also use Azure storage explorer to download the report without logging-in to the web portal. [Download <u>LINK</u>].

After installation, open azure storage explorer on your system & provide the Azure username & password.



After successful login, search for the storage account & container you created from the portal.



Browse through the storage & download the file by right-clicking on the file.

Useful links:

- What is Azure Cost Management + Billing? [LINK]
- Review your individual Azure subscription bill. [LINK]
- Understand your Azure Enterprise Agreement bill. [LINK]
- Review your Microsoft Customer Agreement invoice. [LINK]
- Create and manage Azure budgets. [LINK]
- Azure cost management optimizing cloud investment. [LINK]
- Azure Reservations. [LINK]
- Azure Enterprise portal. [LINK]
- Azure Calculator. [LINK]
- Get Azure updates. [LINK]
- Channel 9 Azure Friday. [LINK]
- Microsoft Azure YouTube Channel [LINK]
- Microsoft Azure twitter handle [LINK]
- Azure Pricing. [LINK]
- Azure Cost Management APIs. [LINK]