

Azure Cost | Capacity | Optimization Management (ACOM)

| A Sneak Peek into a Customised Management Service

| Developed on NoCode Innovation i3-Cloud Excellence Platform ([i3CEP](#))

| Inclusive Design with Sensible Intelligence (SI - Practical | Reasonable | Rational)

| Primary focus on Customer Service Management

i3CEP
NoCode Innovation



Azure Service Operations Management



Azure Service Delivery Management



| Service Readiness |

- | OTB (Out-of-The-Box) | Ready-to-Deploy

| Service Deployment Options |

- | Direct Method | Customers Tenant
- | Indirect Method | Host on i3CEP Tenant | Managed Services Subscription

➤ Azure Cost | Capacity | Optimization Management (ACOM) |

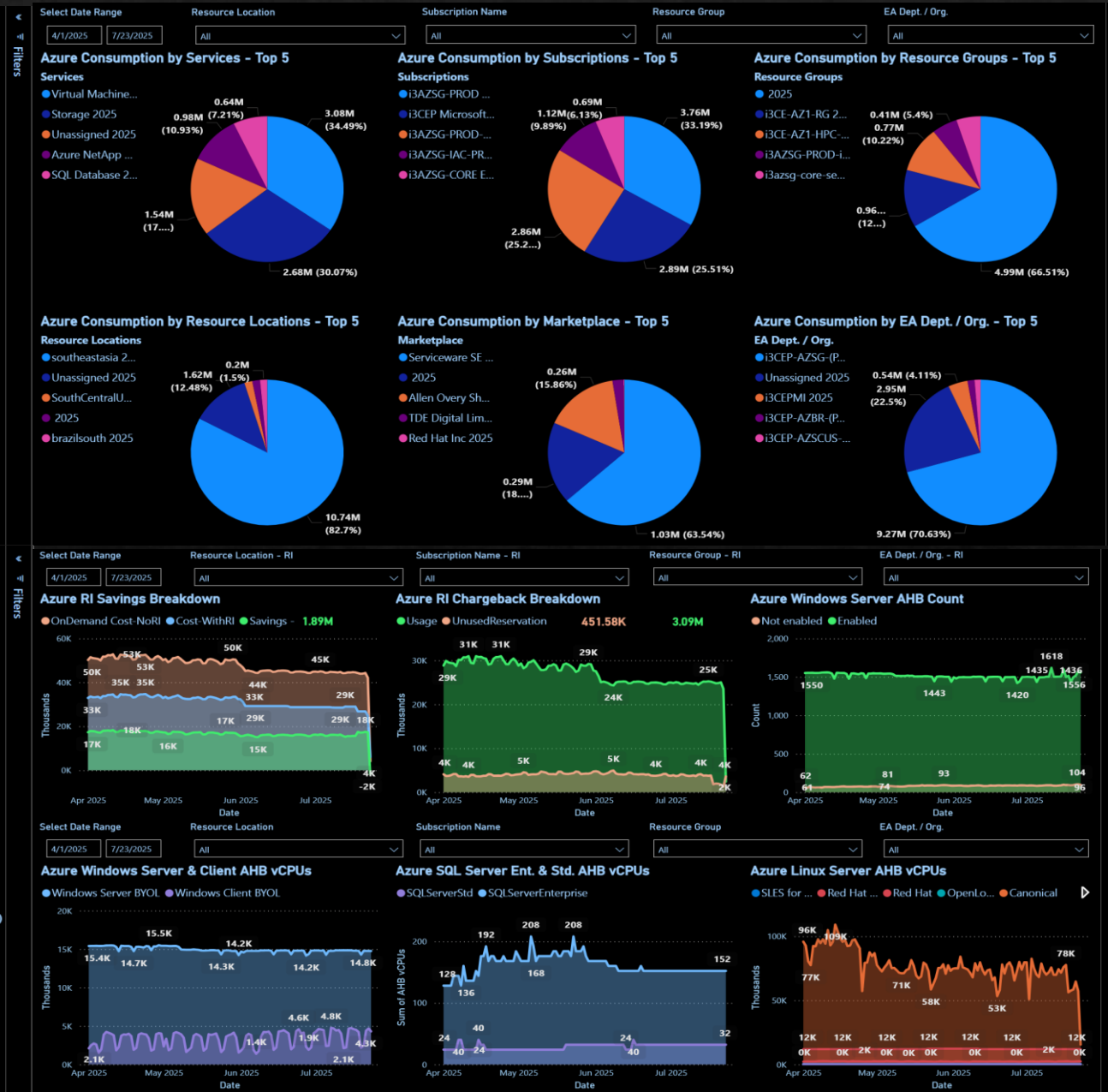
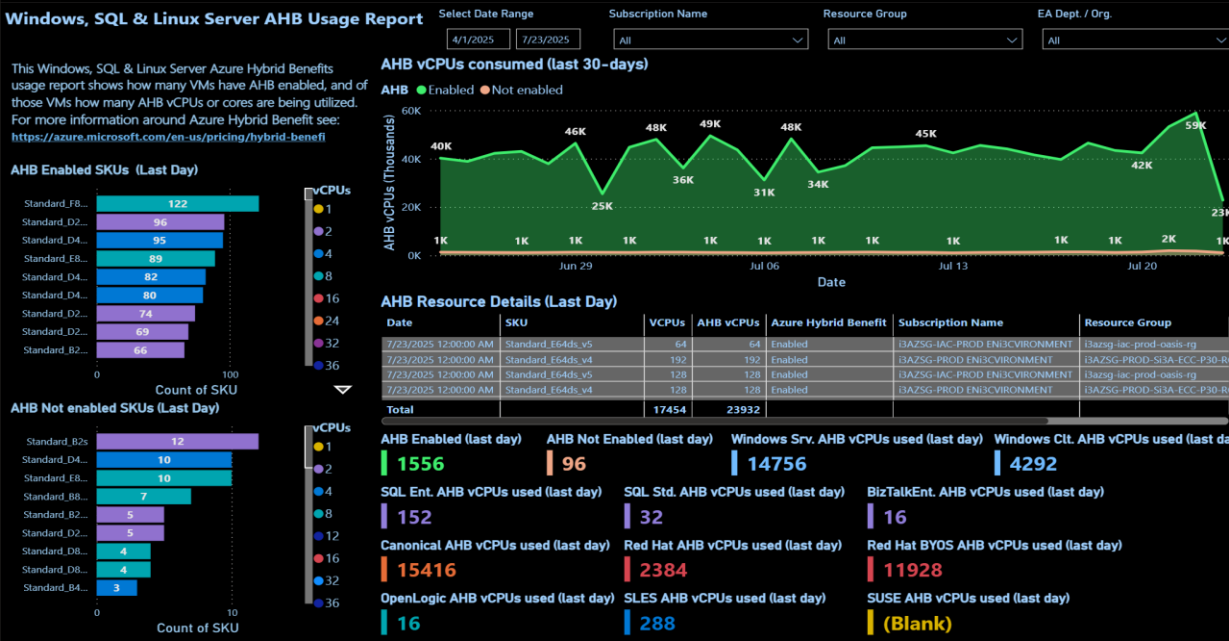
- A Customized | Ready-to-Deploy | Azure Service Spend & Usage Dashboard/Report Template, developed on NoCode i3CE Platform ([i3CEP](#)) | An Inclusive Design with Sensible Intelligence (SI) - Practical | Reasonable | Rational
- **ACOM** Service Spend & Usage Report Template provides Azure Enterprise Agreement (EA) Customers with Advanced Insights into Yearly / Monthly / Daily Azure Service Spend, Service Usage Trends, Capacity In-Use and probable Cost & Capacity Optimization Service areas, cutting across Primary & B2B Tenants | Azure Regions | Organization / Departments | Accounts | Subscriptions, Resource Groups, Service Categories, Sub-Categories, actual Product SKUs, Individual Resources / Resources Names...
 - Modular approach | Aligned to Azure EA Framework -|- *Get visibility of the current configured EA Structure, Hierarchy & respective Azure Spend*
 - CXO / Exec. | High Level Overview | Azure Service Spend -|- *Overall Service & Marketplace Spend | RI Purchase, Savings & Recommendations | AHB Usage*
 - BAU Ops | Low Level Overview | Azure Service Spend & Usage -|- *Resource Count, Usage Hours, vCPUs / Cores, Data size, Cost & Last Day Capacity view for | Virtual Machines & License | Storage, ANF, AMLFS, Disks & Snapshots | Backup & ASR | Network & Bandwidth | Security | Databases | Data & AI | App Services | Resource Inventory | Price List*
 - Advanced Insights accurate up to n-1 day over a selected period, initial period is set to 1 or 2 Months, can be changed between 0 to 12 Months
 - Extensive Filters, Row / Column Drill Up/Down options, Interdependent Tiles, **Personalize** visuals option, **Focus Mode** for enhanced Full-page visibility & set **Alert** notifications
 - Options to export Individual Reports to MS Excel or Analyse in MS Excel with Direct Query Live Connection to the Semantic Model
 - Schedule Report Refresh options - Daily / Weekly across different Time-Zones
 - Requires Power BI / Fabric Workspace with Pro / Premium / Fabric License respectively, Azure '**EA Billing Account ID**' & '**Enrollment Reader**' RBAC for Data Connect
 - Deploy Directly Straight Out-of-The-Box (OTB) to Customer Tenant with Relative Ease
 - Optional Indirect-Deployment method | SaaS offering, hosted on i3CE Platform | Subscribe as Managed Service
 - No Specific Tech Skills required, No Code or API / KQL / DAX quires to be developed
- Value Add - Bespoke Report | [Azure Resource Quota Usage Insights](#)
 - This Report serves as Readymade Template to get Azure Quota & Usage information for Compute, Disks, Storage & Network Resources and Idle / Orphaned Resources like NIC's, Managed Disks & Public IP's across all the Subscriptions under a specific Azure Tenant
 - Download the Report Template & go through the setup documentation at the GitHub Repo here - [GitHub - i3CEP/Azure-Quota](#)

➤ Azure Cost | Capacity | Optimization Management (ACOM) |

- Prerequisites:
 - Current scope for Azure Enterprise Agreement (EA) Customers only
 - Azure ‘**EA Billing Account ID**’ & ‘**Enrollment Reader**’ RBAC access for Data Connect
 - Power BI Admin access with permission to Install & Publish Template Apps
 - License requirement for “Backend Semantic Model (Data Connect)”
 - Power BI/Fabric Workspace with Pro/Fabric License (1 no,)
 - The SKU/License depends on the Data size of the Semantic Model
 - The Data size of the Semantic Model will depend on the “No. of Months” Parameter settings
 - Semantic Model Storage Limits by SKU is as depicted in the Table -----➤
 - License requirement for “ACOM-Advanced Insights Dashboard App”
 - Power BI Workspace with Pro Licence (1 no.)
 - License requirement for “ACOM-Advanced Insights Dashboard App Users”
 - Power BI Pro Licence (n x 1 no.)
- Deployment Methods:
 - Can be deployed Directly, Straight Out-of-The-Box (OTB) to Customer Power BI Tenant with Relative Ease
 - Optional Indirect Deployment method | SaaS offering, hosted on i3CE Platform | Subscribe as Managed Service
 - No Specific Tech Skills required, No Code or API / KQL / DAX quires to be developed
- Pricing Options: – Negotiated & Finalized during Purchase Agreement
 - Direct Deployment – Fixed Yearly Cost
 - Indirect Deployment – Variable Monthly Cost, based on Semantic Model Storage Limits

Semantic Model Storage Limits by SKU	
SKU / License	Max Memory per Semantic Model
Power BI Pro	1 GB
Premium P1 / F32	10 GB
F64	25 GB
F128	50 GB
F256	100 GB
F512	200 GB
F1024	400 GB
F2048	400 GB

Azure Cost | Capacity | Optimization Management (ACOM) – Sample Snapshot of few Service Reports;





Azure Service Operations Management

➤ Azure Cost | Capacity | Optimization Management (ACOM) – Sample Snapshot of few Service Reports;

Select Date Range		Resource Location		Subscription Name		Resource Group		EA Dept. / Org.	
<div>4/1/20257/23/2025</div>		<div>All</div>		<div>All</div>		<div>All</div>		<div>All</div>	
Azure Services - EA Department-Account-Subscription Wise Consumption - MoM									
Year	2025					Total			
EA Organization	April	May	June	July	Total				
① i3CEP-AZSG-(POD-1)	2,890,541.88	2,190,294.21	2,276,370.09	1,911,768.68	9,268,974.86	9,268,974.86			
② Unassigned	752,677.99	771,750.24	917,285.13	510,971.91	2,952,685.27	2,952,685.27			
③ i3CEPMI	143,931.21	145,172.61	145,297.22	105,214.64	539,615.68	539,615.68			
④ i3CEP-AZBR-(POD-5)	52,107.13	53,718.63	50,124.84	39,110.47	195,061.06	195,061.06			
⑤ i3CEP-AZSCUS-(POD-6)	82,737.74	50,303.15	19,580.87	14,495.58	167,117.34	167,117.34			
⑥ i3CEP-AZWEU-(POD-4)	19,521.85	19,299.71	19,245.29	15,032.17	73,099.01	73,099.01			
⑦ i3CEPAP ENERGY	5,719.67	5,897.02	6,090.29	4,690.63	22,397.60	22,397.60			
⑧ i3CEPVI	2,467.46	2,531.46	2,429.17	1,805.48	9,233.58	9,233.58			
Total	3,949,704.92	3,238,967.02	3,436,422.90	2,603,089.56	13,228,184.40	13,228,184.40			

i3CEP

Billing Account Name

11111111

Billing Account ID

USD

Billing Currency

8

EA Departments

14

EA Accounts

Azure Services - EA Department-Account-Subscription Wise Capacity Utilization (Last 1 Month)													Resource Groups		
Date	6/24/2025 12:00:00 AM						6/25/2025 12:00:00 AM						6/26/2025	28	
EA Organization	Count	Quantity	UOM	VCPUs	DataSize(GB)	Cost	Count	Quantity	UOM	VCPUs	DataSize(GB)	Cost	Count	Q	Resource Locations
① ③CEP-AZSG-(POD-1)	72103	199,860,351.30	1	184867	41,742,535.44	142,614.78	71932	200,402,191.98	1	176748	41,819,944.15	94,598.43	64331	21	69
② Unassigned	967	1,213,178.49	1	362	124,487.66	61,586.20	897	1,076,444.84	1	364	124,952.72	1,891.64	906		Services
③ ③CEPMI	4354	128,545.87	1	7190	1,022,508.66	4,874.81	4299	126,786.49	1	6602	1,023,913.71	4,816.78	4402		217
④ ③CEP-AZBR-(POD-5)	3	15,200.82	1 GB		28,437.98	1,706.81	3	15,344.40	1 GB		28,575.09	1,723.62	3		Sub-Services
⑤ ③CEP-AZWEU-(POD-4)	45	12,326.54	1 GB	8	27,955.86	680.67	45	12,311.72	1 GB	12	27,951.17	680.06	45		1281
⑥ ③CEP-AZSCUS-(POD-6)	93	24,039.95	1	56	684,054.72	652.56	93	24,035.41	1	56	684,051.06	652.55	90		Products
⑦ ③CEPAP ENERGY	295	26,028.50	1	2478	16,775.56	212.91	293	27,320.60	1	446	16,805.64	205.40	293		2
⑧ ③CEPVI	263	1,581.56	1	16	6.59	80.97	280	1,583.64	1	22	6.60	80.97	260		Publisher Types

Select Date Range		Resource Location		Subscription Name		Resource Group		EA Dept. / Org.	
<div>4/1/20257/23/2025</div>		<div>All</div>		<div>All</div>		<div>All</div>		<div>All</div>	
Azure Services - Subscription Wise Consumption - MoM									
Year	2025					Total			
Subscription	April	May	June	July	Total				
① i3AZSG-PROD ENI3CVIRONMENT	1,389,744.50	712,428.26	787,565.98	869,076.97	3,758,815.71	3,758,815.71			
② ③CEP Microsoft Azure Enterprise	734,141.33	754,433.74	900,281.57	499,969.02	2,888,825.66	2,888,825.66			
③ i3AZSG-PROD-GC ENI3CVIRONMENT	776,347.60	790,396.04	784,083.42	512,569.47	2,863,396.53	2,863,396.53			
④ i3AZSG-IAC-PROD ENI3CVIRONMENT	293,579.50	299,239.13	301,859.64	225,546.82	1,120,225.10	1,120,225.10			
⑤ i3AZSG-CORE ENI3CVIRONMENT	180,446.27	185,873.18	190,272.71	137,518.14	694,110.30	694,110.30			
⑥ i3AZSG-UAT ENI3CVIRONMENT	94,524.41	66,058.50	68,534.23	52,826.39	281,943.53	281,943.53			
⑦ i3AZSG-DEV ENI3CVIRONMENT	72,061.00	62,380.87	69,626.82	53,995.16	258,063.85	258,063.85			
⑧ i3AZBR-PROD ENI3CVIRONMENT	52,107.13	53,718.63	50,124.84	39,110.47	195,061.06	195,061.06			
⑨ i3AZCUS-PROD ENI3CVIRONMENT	80,591.60	48,085.23	17,463.56	12,907.61	159,048.00	159,048.00			
⑩ ③CEPMI-AZSG-PROD-ENV	39,675.17	40,341.42	40,528.22	28,962.88	149,507.68	149,507.68			
⑪ i3AZSG-IAC-DEV ENI3CVIRONMENT	33,782.52	28,065.64	29,404.68	25,482.07	116,734.84	116,734.84			
Total	3,949,704.92	3,238,967.02	3,436,422.90	2,603,089.56	13,228,184.40	13,228,184.40			

Capacity - Last Date

Microsoft Defender for Serv...

4767

Count | Capacity

0.00

dataSize(GB)

(Blank)

VCPU's

Rtn Preference: MGN - Stand...

4301

Count | Capacity

2,498.64

dataSize(GB)

(Blank)

Azure Services - Subscription Wise Capacity Utilization (Last 1 Month)													VCPUs	
Date	6/24/2025 12:00:00 AM						6/25/2025 12:00:00 AM							
Subscription	Count	Quantity	UOM	VCPUs	DataSize(GB)	Cost	Count	Quantity	UOM	VCPUs	DataSize(GB)	Cost		
① i3AZSG-PROD ENI3CVIRONMENT	47168	2,145,895.45	1	100822	16,654,876.50	98,641.54	47603	2,157,862.51	1	93372	16,706,735.64	98,641.54	47603	Virtual Network Peering - Int.
② ③CEP Microsoft Azure Enterprise	301	62,440.98	1	88	24,442.76	61,048.58	246	62,421.25	1	90	24,424.62	61,048.58	246	4035
③ i3AZSG-PROD-GC ENI3CVIRONMENT	2238	164,053,827.16	1	34929	15,775,733.97	19,512.85	2111	163,400,752.49	1	37682	15,764,701.38	19,512.85	2111	Count Capacity
④ i3AZSG-IAC-PROD ENI3CVIRONMENT	4513	14,802,335.84	1	13861	6,717,839.44	10,418.94	4499	14,922,504.62	1	14091	6,761,293.11	10,418.94	4499	4,743.55
⑤ i3AZSG-CORE ENI3CVIRONMENT	6382	606,807.95	1	2346	1,981,810.20	6,136.91	6374	605,469.82	1	3076	1,979,350.98	6,136.91	6374	DataSize(GB)
⑥ i3AZSG-DEV ENI3CVIRONMENT	4278	924,086.29	1	16576	250,405.09	2,838.38	3798	945,193.97	1	13118	245,454.44	2,838.38	3798	(Blank)
⑦ i3AZSG-UAT ENI3CVIRONMENT	3324	111,980.50	1	8756	263,342.78	2,357.13	3290	115,373.85	1	7628	263,840.44	2,357.13	3290	VCPUs
⑧ i3AZBR-PROD ENI3CVIRONMENT	3	15,200.82	1 GB		28,437.98	1,706.81	3	15,344.40	1 GB		28,575.09	1,706.81	3	Virtual Network Peering - Int.
⑨ ③CEPMI-AZSG-PROD-ENV	1711	39,773.83	1	2556	239,633.34	1,385.80	1662	38,402.38	1	2292	240,206.02	1,385.80	1662	4035
⑩ i3AZSG-IAC-DEV ENI3CVIRONMENT	1862	6,528,029.13	1	2976	34,090.70	1,062.15	1930	7,761,378.79	1	2980	34,165.29	1,062.15	1930	Count Capacity
⑪ ③CEPMI-I3CMH-AZSG-PROD-ENV	441	15,330.78	1	650	108,109.41	1,000.07	441	15,366.03	1	588	108,203.11	1,000.07	441	18,148.29
⑫ i3AZSG-IAC-UAT ENI3CVIRONMENT	5690	50,646,452.30	1	10003	6,330,030.63	9,300.36	5693	50,450,080.63	1	7034	6,330,030.63	9,300.36	5693	DataSize(GB)

Capacity - Last Date

i3CEP
Billing Account Name
11111111
Billing Account ID
USD
Billing Currency
8
EA Departments
14
EA Accounts
74
Subscriptions
2061
Resource Groups
28
Resource Locations
69
Services
217
Sub-Services
1281
Products
2
Publisher Types
11
Publishers

Capacity - Last Date

Microsoft Defender for Serve...
4767
Count | Capacity
0.00
DataSize(GB)
(Blank)
VCPUs
Rtn Preference: MGN - Stand...
4301
Count | Capacity
2,498.64
DataSize(GB)
(Blank)
VCPUs

Virtual Network Peering - Int...

4035
Count | Capacity
4,743.55
DataSize(GB)
(Blank)
VCPUs

Virtual Network Peering - Int...

4035
Count | Capacity
18,148.29
DataSize(GB)
(Blank)
VCPUs

Select Date Range

Resource Location

Subscription Name

Resource Group

EA Dept. / Org.

4/1/20257/23/2025

All

All

All

All

Azure Services - Overall Consumption - MoM

Year	2025					Total	Total
Service	April	May	June	July	Total		
Virtual Machines	950,690.12	895,328.94	865,588.32	367,573.08	3,079,180.48	3,079,180.48	
Storage	688,886.78	704,928.94	741,482.04	549,315.63	2,684,613.40	2,684,613.40	
Unassigned	783,238.08	145,732.01	120,511.30	493,816.35	1,543,297.74	1,543,297.74	
Azure NetApp Files	249,420.53	274,400.56	253,561.25	198,578.53	975,960.87	975,960.87	
SQL Database	169,054.48	171,607.61	167,693.81	135,094.37	643,450.27	643,450.27	
Azure App Service	154,510.52	156,059.23	135,574.15	97,310.90	543,454.80	543,454.80	
Backup	120,703.10	125,564.97	117,767.00	88,526.64	452,561.71	452,561.71	
Bandwidth	109,394.09	92,459.78	89,343.75	71,327.38	362,525.01	362,525.01	
Virtual Machine Licenses	47,824.00	47,824.00	197,824.00		293,472.00	293,472.00	
Microsoft Defender for Cloud	95,047.31	68,171.73	67,554.97	52,052.61	282,826.62	282,826.62	
Azure Synapse Analytics	63,973.01	63,836.81	63,408.16	67,696.97	258,914.95	258,914.95	
Total	3,949,704.92	3,238,967.02	3,436,422.90	2,603,089.56	13,228,184.40	13,228,184.40	

Capacity - Last Date

Microsoft Defender for Serv...

4767

Count | Capacity

0.00

DataSize(GB)

(Blank)

VCPU's

Rtn Preference: MGN - Stand...

4301

Count | Capacity

2,498.64

DataSize(GB)

(Blank)

Azure Services - Overall Capacity Utilization (Last 1 Month)												VCPUs		
Date	6/24/2025 12:00:00 AM						6/25/2025 12:00:00 AM						Virtual Network Peering - Int.	4035 Count Capacity
Service	Count	Quantity	UOM	VCPUs	DataSize(GB)	Cost	Count	Quantity	UOM	VCPUs	DataSize(GB)	4,743.55 DataSize(GB)		
Virtual Machines	10740	66,493.16	1 Hour	186086	0.00	67,732.77	10499	66,584.85	1 Hour	175795	0.00			
Storage	31403	108,011,070.78	1		34,826,677.35	24,702.45	31475	107,372,949.87	1		34,906,812.36			
Unassigned	15	1,446.92	Unassigned	37	0.00	73,790.35	14	1,680.00	Unassigned	35	0.00			
Azure NetApp Files	14	57,974,784.00	1 GiB/Hour		2,415,616.00	8,543.97	14	57,974,784.00	1 GiB/Hour		2,415,616.00			
Virtual Machine Licenses														
SQL Database	1145	50,617.95	1 GB/Month		128,549.44	4,041.61	1145	50,532.62	1 GB/Month		126,614.55			
Azure Databricks	28	14,283.21	1 Hour		0.00	5,393.45	30	11,952.74	1 Hour		0.00			
Azure App Service	3024	16,282.13	1 Hour		0.00	3,546.94	3021	16,271.06	1 Hour		0.00			
Backup	458	128,481.57	1 GB/Month		3,904,694.02	3,910.18	459	128,658.84	1 GB/Month		3,910,085.47			
Bandwidth	10004	41,055.67	1 GB		41,055.67	2,881.02	9940	33,952.83	1 GB		33,952.83			
Azure Synapse Analytics	11	1,667.58	1 Hour		76,407.94	63.64	11	1,667.38	1 Hour		76,898.52			
Azure Managed Defender for Cloud	11,000	166,033.00	1		10.46	3,300.46	11,000	170,020.64	1		0.53			

➤ Azure Cost | Capacity | Optimization Management (ACOM) |

▪ Implementation Guide:

- “ACOM-Advanced Insights (PDQ)” is the Frontend Power BI Template App for "ACOM-Advanced Insights | Azure Cost-Capacity-Optimization Management“ Service, listed as a "**Contact Me**" offer in Microsoft Azure Marketplace and AppSource
 - Marketplace - <https://azuremarketplace.microsoft.com/en-us/marketplace/apps/upladders-tech-ventures.acom-ai-offer01?tab=overview>
 - AppSource - <https://appsource.microsoft.com/en-us/product/web-apps/upladders-tech-ventures.acom-ai-offer01> -
- As a Pre-requisite, the Service must first be Initiated & Agreed upon, click on the "**Contact Me**" radio button to submit a request
 - Post an established Contract Agreement, the Backend Data Connect Service will be initiated & configured in the Customers Power BI Tenant
 - An “App installer link” for “ACOM-Advanced Insights (PDQ)” App will be shared for installing the Frontend App in the Customers Power BI Tenant
 - As the "App Installer link" is a Pre-Prod link, you will see a dialogue box "Install this Power BI app?" with an error "This app hasn't been listed on AppSource." → Proceed to Install the App
 - Installation of the App will start, after a while you will see a dialogue box "Your new app is ready!", App - "ACOM-Advanced Insights (PDQ)" has been successfully installed" → click on "Go to app"
 - You can either click on the "Go to app" or go to the "Apps" section of the Power BI online service portal → click on the newly installed App - "ACOM-Advanced Insights (PDQ)"
 - The App will open and will display a message as "You have to connect to your own data to view this report" & a "Connect" radio button
 - Click on the "Connect" radio button → this will open a dialogue box "Connect to ACOM-Advanced Insights (PDQ)" → click "Next"
 - Clicking "Next" will move to "You are connecting to" section within the same dialogue box → select "Authentication method" as "OAUTH2" → "Privacy level setting for this data source" as "None" → click on "Sign in and connect"
 - Clicking on "Sign in and connect" → will open a dialogue box "Pick an account" → select the same account that you have already signed into your Power BI online service
 - All the Pre-Fabricated Dashboard Reports will now be auto populated with the Cost-Capacity-Optimization Telemetry data
 - The ACOM-Advanced Insights (PDQ)” App can now be shared to relevant Users with defined RBAC

▪ Support:

- For Support related Issues / Feedback, go to - <https://upladders.in/contact-us/>
- Or send a email with details to sadmin@i3ce.com & sanjay.gera@upladders.in

i3CEP

NoCode Innovation



Azure Service Operations Management



Azure Service Delivery Management



| sanjay.gera@upladders.in

| sadmin@i3ce.com

Azure Cost | Capacity | Optimization Management (ACOM)