i4dCEP
NoCode Innovation

ideate | innovate | integrate | inclusive design Cloud Excellence Platform

NoCode Innovation - Cloud Excellence (NICE) – Incubation Tabloid

- **WHY & How**
  - To deliver NoCode Innovative Cloud Excellence from Customer Lens / Perspective
  - Relative Ease of Deployments | Operations | Reliability | Efficiency | Stability | Sustainability
  - No specific Tech Skills | No Codes / Code Repositories | No Templates or API/KQL quires to be developed
  - Meticulously Designed with Sensible Intelligence (SI – Practical | Reasonable | Rational)
  - Tailor made & Delivered specific to Customers requirements

- **Solution Maturity Matrix – *Mind Map***

ASOM NoCode Innovation Azure Service Operations Management

Service Solution	Framework	Design	Solution Stage	Maturity
Business Service Monitoring (BSM)	90%	90%	15%	65%
Azure Cost, Capacity, Optimization Management (ACOM)	100%	100%	95%	98%

ASDM NoCode Innovation Azure Service Delivery Management

Solution	Framework	Design	Solution Stage	Maturity
Mobile Multi Access Azure Service - Hybrid (MAS-H)	90%	80%	20%	63%
NoCode Infrastructure (NCI)	90%	80%	20%	63%
Global Data Movement Framework (GDMF)	100%	100%	60%	86%

ASOM NoCode Innovation **Azure Service Operations Management**

- **BSM -|-** Business Service Monitoring (E2E) – A Paradigm shift from Resource based Monitoring to Business Service / Process based Monitoring
  - **Use Cases:**
    - Executive Level End-to-End (E2E) Service Health, Availability & Demography of Critical Upstream & Downstream Business Service / Process, Revenue, YoY Growth
  - **Opportunity:**
    - Existing & Green Field Customer Base
  - **Advantages:**
    - Inclusive Design Framework | Executive BSM View | Converged, Domain & Topology Specific View | One Integrated BSM Tool

- **ACOM -|-** Azure Cost | Capacity | Optimization Management
  - **Use Cases:**
    - Monitor Costs, Capacity, Usage Trends | Identify Cost & Capacity Optimization options to reduce Azure Cloud expenditure
  - **Opportunity:**
    - Existing & Green Field Customer Base
  - **Advantages:**
    - Inclusive Design Framework | Customised & Reusable Power BI Template | Tenant, Subscription, Resource Group, Service & Resource Specific View | Focus Mode for better visibility | Row / Column & Individual Resource Level drill down | Easy Deployment

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Azure Service Operations Management

- **ACOM** -|- Azure Cost | Capacity | Optimization Management

Azure Cost | Capacity | Optimization Management

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« ▽ Filters

Azure Cost | Capacity | Optimization Management (ACOM) is a Customized Azure Service Usage Report, developed on i4d-NoCode Cloud Excellence Platform (**i4dCEP**), is a Reusable Ready-to-Deploy Template, meticulously Designed with Sensible Intelligence (SI - Practical | Reasonable | Rational)...

ACOM Service Usage Report Template provides Azure Enterprise Agreement (EA) Customers with detailed & deep Insights into Daily / Monthly / Yearly Azure Spend, Service Usage Trends, Capacity-in-Use & 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...

- Aligned to **Azure EA Structure, Hierarchy & Framework** -|- *Get visibility of the current configured EA Structure & respective Azure Spend*
- High Level Overview Service Usage Reports for Executive / CXO view -|- *Overall Service & Marketplace Spend | RI Purchase, Savings & Recommendations | AHB Usage*
- Low Level Service Usage Reports for BAU Operations view -|- Resource Count, Usage Hours, vCPUs & Data size | VMs | ANF, AMLFS, Storage & Snapshots | Network | Security
- Extensive Filters, Row / Column Drill-down options & a *Focus Mode* feature for enhanced Full-page visibility
- 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
- Scheduled Reports to Refresh Daily / Weekly across different Time-Zones
- Options to export Individual Reports to MS Excel or Analyze in MS Excel with Direct Query Live Connection to the Semantic Model
- Requires Power BI / Fabric Workspace with Premium / Fabric Capacity License respectively and Azure 'Enterprise Billing (Reader)' RBAC for Data Connect
- Deployed with Relative Ease | No specific Tech Skills required, No Code or API/KQL/DAX quires to be developed

Service Usage Report Template can be used As-Is or can be Customized to need or download as .pbix file into **Power BI Desktop**, append with additional data for more comprehensive & holistic view of Business priorities

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 (MS Excel version) & go through the setup documentation at the GitHub Repo here - **GitHub - i4dCEP/Azure-Quota-Usage-Insights**
- Need to authorize the API connection for once – Go to Data --> Get Data --> Data Source --> Edit Permissions --> Credentials --> Organizational Account --> Sign in as different user for both the web url's as below;
- "https://management.azure.com/subscriptions" & "https://management.azure.com/tenants"

Provide Feedback - Have an idea or suggestion? E-mail: hemacn@microsoft.com / admin@i4dCEP.onmicrosoft.com to post your thoughts.

ASDM NoCode Innovation — Azure Service Delivery Management

- **MAS-H -|-** Mobile Multi Access Azure Service - Hybrid | Combination of Azure Stack HCI, 5G (SA/NSA/PN) & Satellite ExpressRoute (ER) Stacked into a MUV
  - o **Use Cases:**
    - – On-Demand / On-Spot Over-The-Air (OTA) Extended Multi Access Edge Computing Services (MEC) for; Research Org's | Seismic Dataset Mass Ingestion | Interim Time bound Critical Workload Migration | Road Shows | Hackathon's | Hybrid Workflow Automation
  - o **Opportunity:**
    - – Tech Seminars | On-Shore Drilling / Mining sites | Near-shore PFLNG's / Floaters | Off-Shore RIGS / Vessels / Ships
  - o **Advantages:**
    - – Micro DC Anywhere Everywhere | On-Demand OTA Azure Services | On-Spot OTA Azure Service Demo / POC for Near-Shore & Off-Shore Sites | Zero Hosting footprint | Zero Dependency / Lead time for Terrestrial Last mile | Drive-In & Out Hot Patch ER Access

- **NCI -|-** NoCode Infrastructure Service Deployment & Operations
  - o **Use Cases:**
    - – Deploy Azure Services & Manage BAU Operations with just few Clicks
  - o **Opportunity:**
    - – Existing & Green Field Customer Base
  - o **Advantages:**
    - – Single Pane | Inclusive Design Framework | Absolute Zero Code | Minimal Tech Skills

- **GDMF -|-** Global Data Movement Framework
  - o **Use Cases:**
    - – Automated Dataset Movement across Global Azure Regions
  - o **Opportunity:**
    - – Existing & Green Field Customer Base
  - o **Advantages:**
    - – Inclusive Design Framework | Automated or Manual Drag & Drop | No Tech Skills on Data Copy or Migration Tools

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