



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*



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%



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%

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

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

Azure Cost | Capacity | Optimization Management



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/Cores | ANF, AMLFS, Blob & Snapshots Data size | Network Bandwidth
- 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 download as .pbix file into **Power BI Desktop**, append with additional data to create 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.

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
 - **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
 - **Opportunity:**
 - Tech Seminars | On-Shore Drilling / Mining sites | Near-shore PFLNG's / Floaters | Off-Shore RIGS / Vessels / Ships
 - **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
 - **Use Cases:**
 - Deploy Azure Services & Manage BAU Operations with just few Clicks
 - **Opportunity:**
 - Existing & Green Field Customer Base
 - **Advantages:**
 - Single Pane | Inclusive Design Framework | Absolute Zero Code | Minimal Tech Skills
- **GDMF** -|- Global Data Movement Framework
 - **Use Cases:**
 - Automated Dataset Movement across Global Azure Regions
 - **Opportunity:**
 - Existing & Green Field Customer Base
 - **Advantages:**
 - Inclusive Design Framework | Automated or Manual Drag & Drop | No Tech Skills on Data Copy or Migration Tools



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