# NCS Cloud Observability Dashboard Services



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### NCS is expanding rapidly in APAC region into Australia and India. We have established the NCS NEXT Cloud Centre of Excellence (CoE) in Melbourne, Australia and established our Cloud Delivery Centre in Singapore and India.

**Singapore & Australia** – Delivery of Cloud Managed Services serving Singapore Public Sector and Enterprise clients on Azure

**India** – Delivery of Cloud Managed Services offshore for Regional Enterprise Clients on Azure

## Cloud Observability Dashboard

## **Offering Overview**

- The Cloud Observability Dashboard provides real-time and end-to-end view of your Azure resources, including resource health, performance, and availabilities.
- Service Coverage:
  - Conduct workshops with customer to understand the requirements, pain points, and identify use cases for the dashboards
  - Design dashboards based on the use cases identified
  - Maintain and update the dashboard on need's basis

## Why do you need Observability Dashboards?

## 1. Monitor your resource availability in one glance

With dashboard, you can easily identify which resource is not available and predict potential outages.

### 2. Monitor & manage your Network Architecture

You can check network status and identify potential performance bottleneck related to your network architecture.

## 3. Ensure all your mission-critical Servers are healthy and functional

You can view real-time server metrics such as CPU Utilization or Network In/Out, and determine if you need to scale or optimize the usage.

## **4.** Identify potential bottleneck and outages to critical databases

Monitor your database performance, connectivity to your application, and provide sufficient data points for database performance tuning.

### Why NCS?



- 1. Azure VMs deployed and managed to date
- 2. Established Azure Certified & Experienced Professionals (total of 400+) in NCS
- 3. Established Cloud Migration Methodology & Services with Cloud Managed Services
- 4. 7 cities with Cloud Delivery presence
- 5. Microsoft Gold Partner
- 6. VMware Tanzu / Modern Apps Platform Solution Competency
- 7. Red Hat Premier Partner

## Contact

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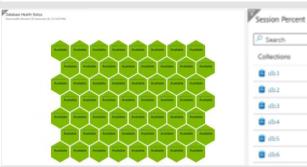
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## Dashboard Designs

#### **Resource Availability**



		Workers Percent	
		P Search	
†4	Sessions Percentage 14	Collections	
	1%	🛢 db1	
	1%	db2	
	0%	🛢 db3	
	0%	🛢 db4	
	0%	🛢 dbS	
	0%	 🛢 db6	

**Database Availability** 

P Search			
Collections	τ <sub>4</sub>	Workers Percentage 1	
🛢 db 1		2.008%	
🛢 db2		1.783%	
🛢 db3		1.378%	
🛢 db4		1.345%	
🛢 db5		1.092%	
🛢 db6		1.084%	

WM Performance Key Metrics

#### Servers Availability

Search								
Subscription	14	Percentage CPU (A†4	Percentage CPU Timeline	Disk Read Bytes†4	Disk Write Bytes†4	Network In Tota†4	Network Out To†4	
v rsubscription1								
ww1		5.6%		5.6 B	4 GiB	4 GiB	16 GiB	
wm2		4.2%		4.2 B	8.9 Gi8	8.9 GIB	15.4 Gi8	
ww3		25%		25 B	26.9 GiB	26.9 GiB	26.1 Gi8	
www4		1.7%		1.7 B	7.2 GIB	7.2 GIB	20.3 GIB	
wm5		1.8%		1.8 B	7.2 Gi8	7.2 GIB	20 GiB	
щит6		1.2%		7 GiB	19.1 GiB	699.9 MiB	641.6 MiB	
wm7		4.1%		4.1 B	11.1 GiB	11.1 GiB	20 GIB	
wm8		4.3%	A	11 GiB	19.7 GiB	1.4 GIB	808.7 MiB	
emvm9		1.2%		1.2 B	7.1 GiB	7.1 GiB	20.5 Gi8	

Application	Edit	Infrastructure & Network	Edit		« Performance
Total of Failed requests by Operation name CH-RetailAppAI Users CH-RetailAppAI - Users - 3 days   Operation Total % Total   GET Empl 1.4 K   GET Cust 285   16.6%	United States 21.1 K United Kingdom 4.6 K	Service Map 20 Machines reporting (Last 30 min) 24 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1		Papplication Gateway Capacity       Collections     1 J       Ø appgateway1     2.59 Gi8     19.4 Gi8       Ø waf1     191.16 Mi8     4.33 Gi8       Ø appgateway2     Ø     appgateway3       Ø waf2     Ø     waf3	Firewall     Collections     \$\psi_4\$     Data processed\$\psi_4\$       Afw1     15.22 T/8     \$       Afw2     323.72 G/8     \$       Afw3     43.01 G/8     \$
Overview timeline CH-RetailAppAl 6s 4s 2s 0s 0s 0s 3s 2s 1s 0s 0s 2k 0k 6m 6m 6m 6m 7m 7m 7m 7m 7m 7m 7m 7m 7m 7	Availability tests sum CH-RetailAppAI 2mins 1.5mins 0.5mins	Node memory utilizatio     Avg     Min     50TH     90TH     95TH     Max       ClusterName: SH380-AKS     100%     80%     60%		Y4       Collections     1 4       Byte Count     1 4       Ib1     137.014 G8       Ib2     25.959 G8       Ib3     12.449 G8       Ib4     0 8       Ib5     0 8       Ib6     0 8	AKS Network Capacity       Collections     1 /4     Network in Bytes 1 /4     Network Out By1 /4            � aks1

https://learn.microsoft.com/en-us/azure/azure-monitor/best-practices-analysis