

# CloudRiskGraph(™)

Insure Your Tech Cloud

The pioneering AI driven Cloud Risk data product

Analysis for Cloud Risk Outage Insurance solutions



# CloudRisk.Graph

A data product

An API data product - annual license model

Automated Risk Measurement for Cloud Risk technologies

Calculates - Technology Risks - gives a rating **0-999**

Informational data points: Cloud Outage , DDoS attacks, services reliability.

All your technologies evaluated in one single place. Tier One Cloud Vendors, CDNs , connected by our CloudRiskGraph(™) technology.

**b2C** - Direct to Consumer - ( Direct to end user customer transparent analysis)

API driven insights

**b2B** - Underwriters - Insurance policies - **b2B** ( for Insurance companies)

API driven Insights , Service API - 360° view



# Understand **Cloud Risks** through their whole Tech.Cloud usage journey

Tech.cloud risk ratio 0-999

Cloud DDoS	APPLICATION RISK	Standard Analysis	Services Analysis
Services at DDoS Risk	Platform Agnostic checks: Authentication, Email, User Types, User Databases. All App analysis graph linked.	A standard framework capable to cross-compare different vendors of cloud	Connect Services and Interactions with User Insights. Leverage Unique Data Platform in the Cloud Engineering World.
PERSONALISE EXPERIENCE	Global Risk Analysis	B. I. INSIGHTS	UNDERSTANDING Use Cases
Insights API allows tailored properties to calculate risk B2C personalise	Anonymized Data used to enhance the Cloud Risk Calculation Engine.	Explore Relationships in Graph discover risk insights	Risk insights & Service grouping



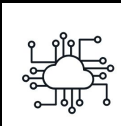
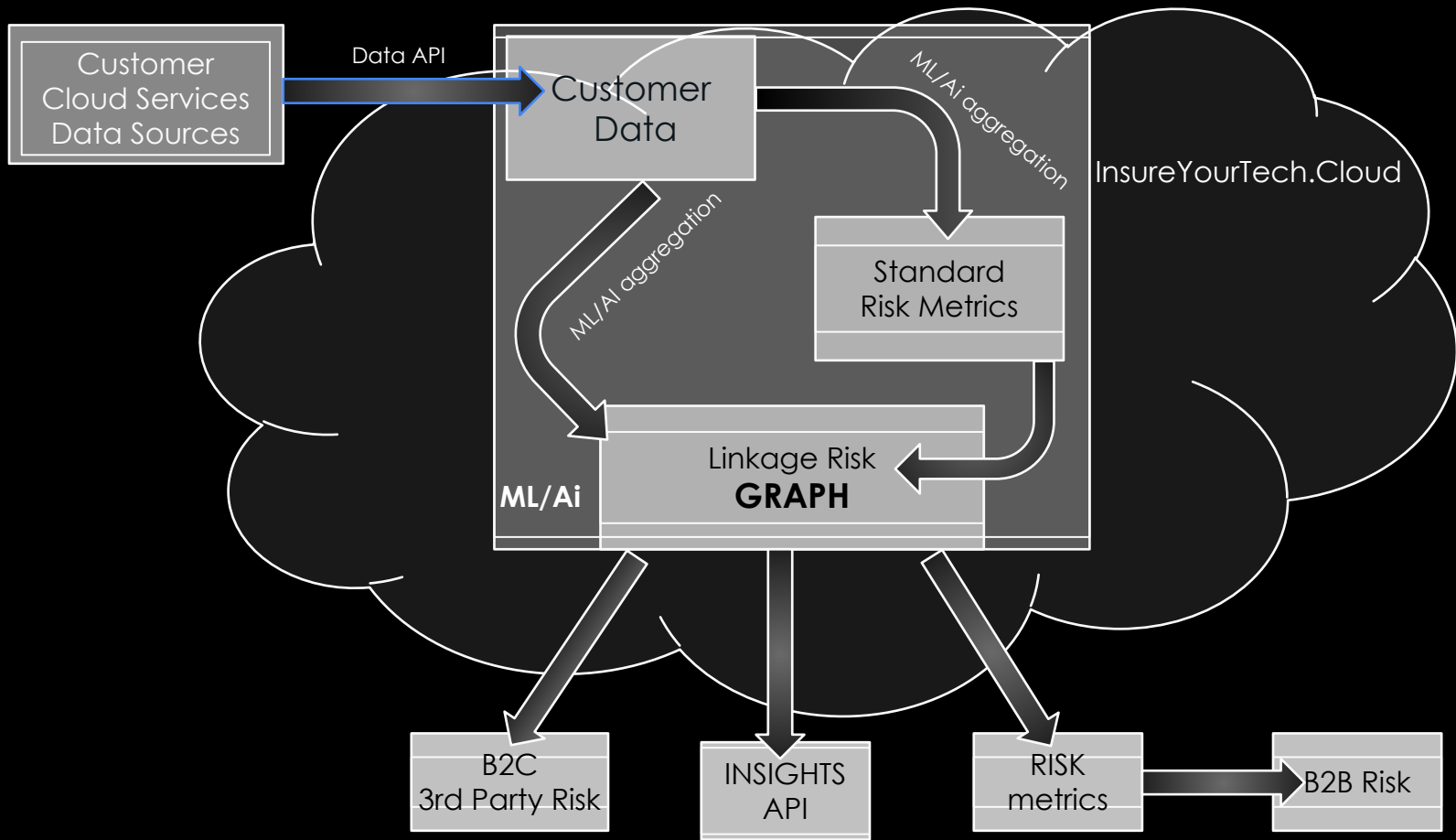
# InsureYourTech.Cloud

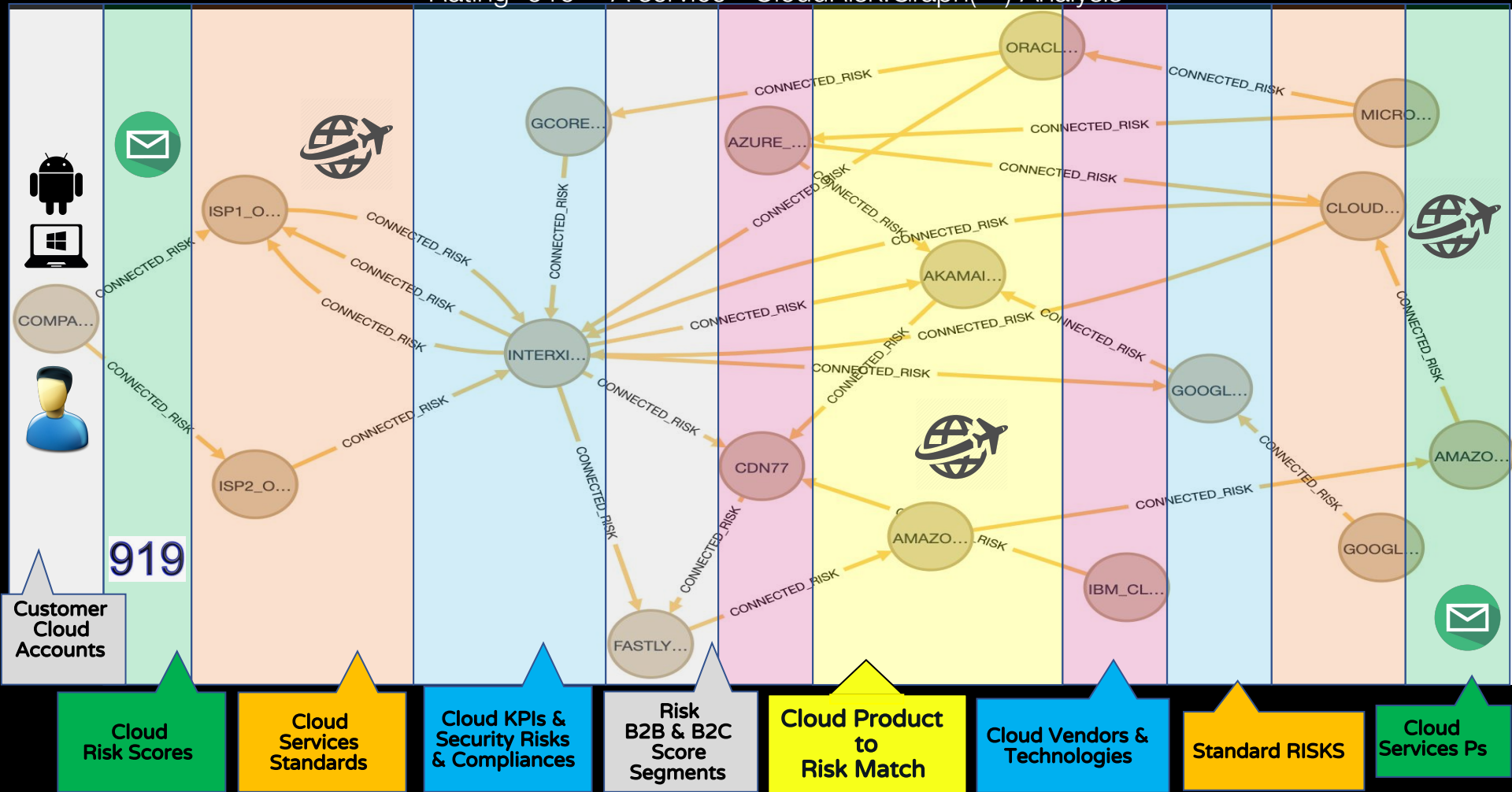
## DATA SOURCES:

- Technology Service providers
  - Cloud Solution provider
    - Azure , AWS , GCP
  - Cloud Content Deliveries
    - Akamai, CloudFlare
- Data Centers, CDNs, IPS
  - Outages & vulnerabilities
- Behavioral
  - Global risk graph 360 Analysis
- Scoring — Risk Measurement
  - - Services risk scoring



# Cloud Risk Calculation DATA FLOW





Cloud Risk-Simulation - B2C - Customer Submission Portal

Compare cloud services between multiple cloud vendors

Use our Premium or Freemium API submissions

Clear Submission

Save Submission

Load Last Submission

1.Cloud.Risk  
Cloud Provider

Amazon AWS

Service

Amazon Elastic Kubernetes Service (E

Region

global

Service monthly  
cost estimate  
(\$)

1000

2.Cloud.Risk  
Cloud Provider

Microsoft Azure

Service

Azure Kubernetes Service (AKS)

Region

global

Service monthly  
cost estimate  
(\$)

1000

3.Cloud.Risk  
Cloud Provider

Google Cloud GCP

Service

Select a service

Region

global

Service monthly  
cost estimate  
(\$)

1000

- Google SecOps (Chronicle Security)
- Recommendation AI
- Google Cloud Marketplace
- Google Cloud Load Balancing
- Google Cloud And Media CDN
- Google Cloud DNS
- Google Kubernetes Engine (GKE)
- IBM Watson Platform
- IBM Dedicated Storage Instance
- IBM Data Engine (previously SQL Query)
- IBM Data Product Hub
- IBM Databases
- IBM Databases for DataStax
- IBM Databases for EDB
- IBM Databases for Elasticsearch
- IBM Databases for etcd
- IBM Databases for MongoDB
- IBM Databases for MySQL
- IBM Databases for PostgreSQL
- IBM Databases for Redis
- IBM DataStage
- IBM Db2
- IBM Db2 Warehouse
- IBM watsonx BI Assistant
- IBM Managed Dedicated Storage Instance
- IBM Functions

Outage Information

Cloud.Risk uses webscrappers and GenAI to get outage information from th

The CloudRisk.Simulation Freemium tier is limited to Information from Janu

Consider Upgrading to Premium for more accurate information

# Cloud Risk-Simulation - B2C - Customer Submission Portal

Compare cloud services between multiple cloud vendors

Use our Premium or Freemium API submissions

Clear Submission Save Submission Load Last Submission

1.Cloud\_Risk  
Cloud Provider

Amazon AWS

Service

Amazon Elastic Kubernetes Service (EKS)

Region

global

Service monthly  
cost estimate  
(\$)

1000

2.Cloud\_Risk  
Cloud Provider

Microsoft Azure

Service

Azure Kubernetes Service (AKS)

Region

global

Service monthly  
cost estimate  
(\$)

1000

3.Cloud\_Risk  
Cloud Provider

Google Cloud GCP

Service

Google Kubernetes Engine (GKE)

Region

global

Service monthly  
cost estimate  
(\$)

1000

+

-

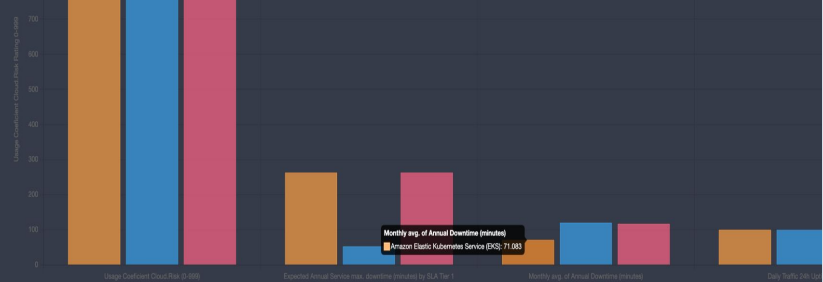
Premium

## Outage Information

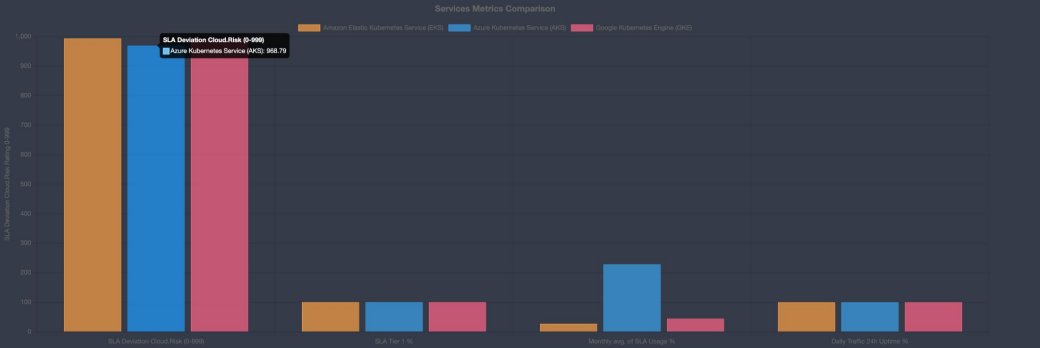
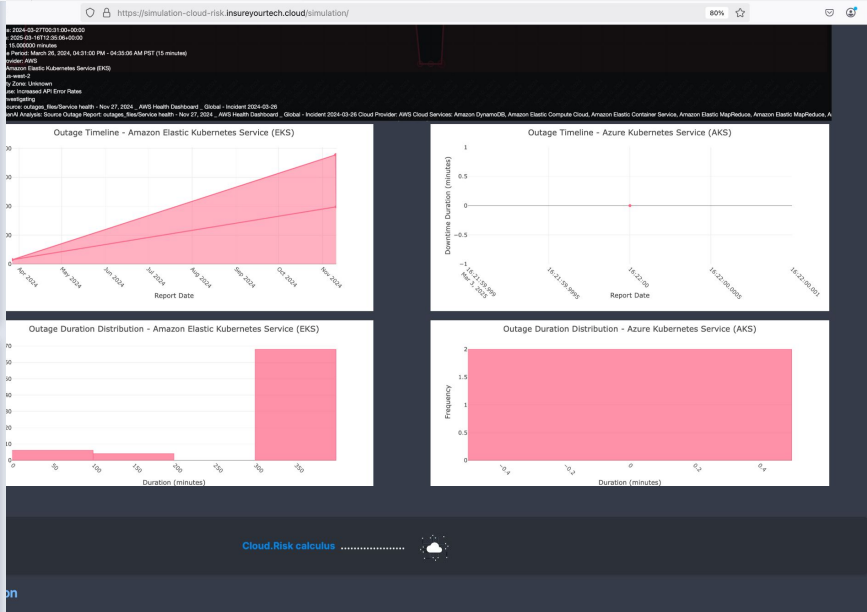
Cloud.Risk uses webscrappers and GenAI to get outage information from the cloud vendors

The CloudRisk.Simulation Freemium tier is limited to Information from January 2024 until now

Consider Upgrading to Premium for more accurate information



Cloud Providers Comparison



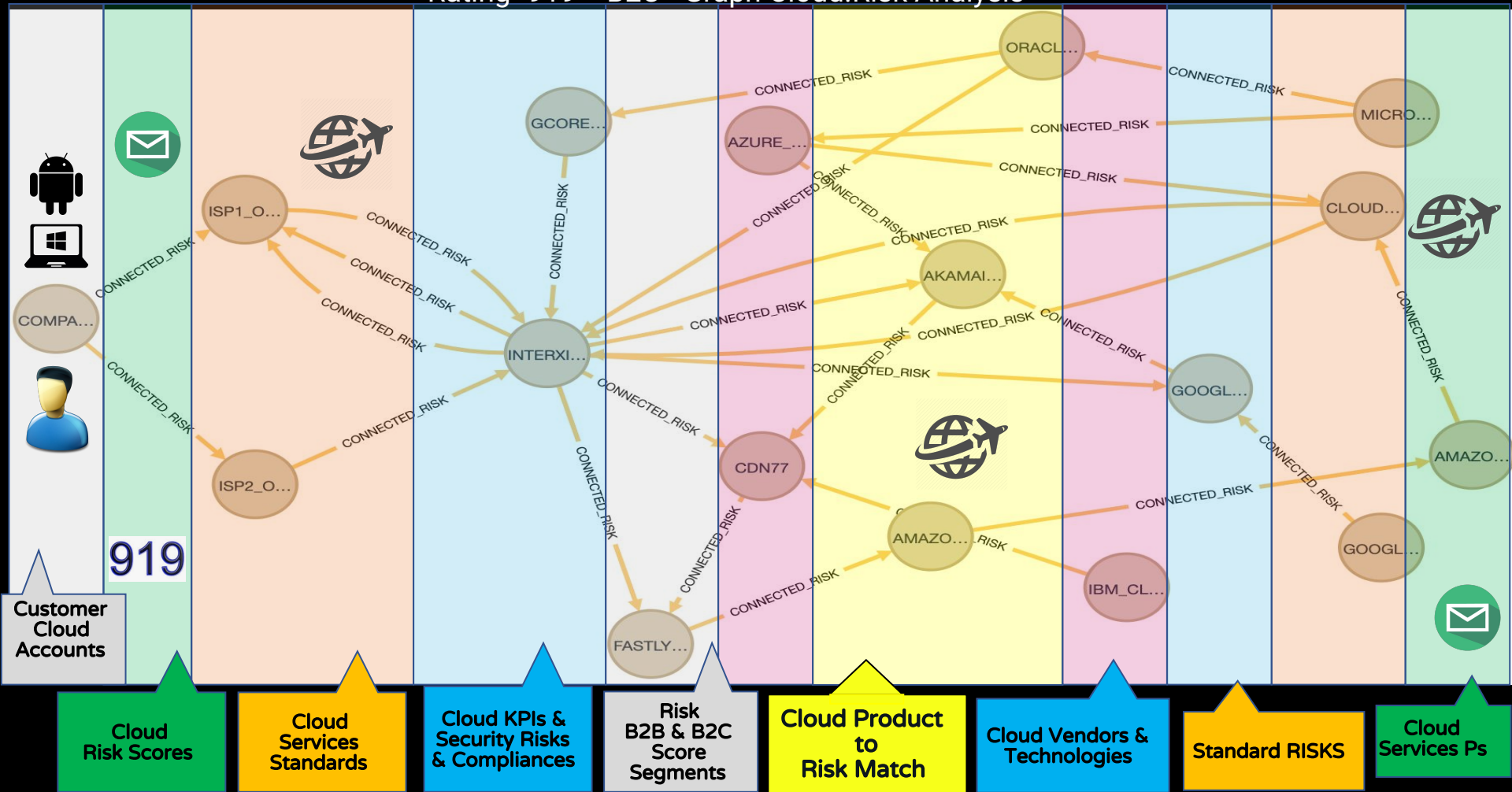


## - Outages API and Services API

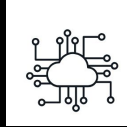
JSON	Raw Data	Headers
Save	Copy	Collapse All
Expand All (slow)	Filter JSON	
12609:	{...}	
12610:	{...}	
12611:	{...}	
12612:	{...}	
12613:	{...}	
12614:	{...}	
12615:	{...}	
12616:	{...}	
12617:	{...}	
12618:	{...}	
outage_timestamp:	"1736319240.000000"	
source_outage_report:	"outages_files/Google Clo...h - 2025-01-08 - part2"	
cloud_provider:	"GCP"	
cloud_service:	"Pub/Sub"	
regions:	"europe-southwest1"	
availability_zones:	"not specified"	
start_time:	"2025-01-08T06:54:00+00:00"	
end_time:	"2025-01-08T08:07:00+00:00"	
outage_status:	"resolved"	
impact:	null	
duration:	"1 hour, 13 minutes"	
duration_minutes:	"73.000000"	
root_cause:	"Configuration change tha... to restore the service"	
resolution:	null	
downtime_period:	"2025-01-08 07:30 - 2025-01-08 08:07 UTC"	
incident_id:	null	
affected_components:	"Google Cloud VertexAI"	
mitigation_steps:	null	
cloudrisk_genai_output:	"Source Outage Report: outages_files/Google Cloud Service Health - 2025-01-08 - part2\nCloud Provider: GCP\nCloud Services: Google Cloud Google Cloud Pub/Sub, Pub/Sub\nRegions: us-west4, us-east1, us-east5, global-default, europe-west1, northamerica-northeast2, europe-west southamerica-west1, us-east4, europe-southwest1, australia-southeast1, us-west2, asia-south1, me-central1, us-west3, asia-northeast2, as southeast2, us-south1, us-west1, asia-east2, me-west1, australia-southeast2, europe-central2, europe-west4, europe-west8, us-central1, as northamerica-northeast1\nAvailability Zones: not specified\nStart Time: 2025-01-08 06:54:00+00:00\nEnd Time: 2025-01-08 08:07:00+00:00\n minutes\nDuration (minutes): 73\nRoot Cause: Configuration change that was rolled back to restore the service\nResolution: \nDowntime Pe Components: Google Cloud VertexAI"	
12619:	{...}	
12620:	{...}	
12621:	{...}	
12622:	{...}	
12623:	{...}	

JSON	Raw Data	Headers
Save	Copy	Collapse All
Expand All (slow)	Filter JSON	
332:	{...}	
database_key_id:	"10000000000163"	
service_name:	"MongoDB Atlas Search"	
service_provider:	"MongoDB"	
global_or_by_regions:	"global"	
region:	null	
availability_zone:	null	
service_load_at_customer_low_medium_high_very_high_1_2_3_4:	"4"	
customer_service_type_b2c_or_b2b_1_yes_0_no:	"1"	
customer_service_up_hours_8h_day_12h_day_24h_day:	"24"	
customer_service_annual_workdays:	"365"	
service_sla_0_99_9999_for_tier1:	"99.99500"	
service_sla_0_99_9999_for_tier2:	"99.00000"	
service_sla_0_99_9999_for_tier3:	"95.00000"	
service_sla_0_99_9999_for_tier4:	"95.00000"	
percentage_service_credit_back_tier1:	"10.000"	
percentage_service_credit_back_tier2:	"25.000"	
percentage_service_credit_back_tier3:	"100.000"	
percentage_service_credit_back_tier4:	"100.000"	
webscraper_annual_period_service_down_per_year_in_minutes:	"3201.00"	
annual_service_minutes_up_365_24_60_equals_525600:	"525600.000"	
expected_annual_service_minutes_up_by_sla_tier1:	"525573.720"	
expected_annual_service_minutes_up_by_sla_tier2:	"520344.000"	
expected_annual_service_minutes_up_by_sla_tier3:	"499320.000"	
expected_annual_service_minutes_up_by_sla_tier4:	"499320.000"	
expected_annual_service_minutes_down_by_sla_tier1:	"26.280"	
expected_annual_service_minutes_down_by_sla_tier2:	"5256.000"	
expected_annual_service_minutes_down_by_sla_tier3:	"26280.000"	
expected_annual_service_minutes_down_by_sla_tier4:	"26280.000"	
service_debit_credit_more_than_annual_sla_tier1:	"-3174.720"	
expected_percentage_mins_down_inside_agreed_sla_tier1:	"0.0050000"	
actual_percentage_total_mins_down_from_webscraping:	"0.60901826%"	
actual_percentage_mins_down_on_agreed_sla:	"0.60904872%"	
gap_time_percent_between_sla_down_actual_down:	"-0.604049%"	
riskcoef_per_service_from_gap_expected_actual_time_down:	"0.604049%"	
service_sla_usage_percentage:	"12180.97435"	
service_traffic_coef_by_percent_down:	"0.6090182648"	
sla_deviation_connected_risk_0_999:	"871.178"	
usage_connected_risk_0_999:	"980.747"	
annual_outage_time_days_hours_mins:	"1 days 1h32 down"	
remarks_outage_genai:	"Llama3.2-B Outage Analy...and is being monitored."	
public_locationa_and_status_genai:	null	
outages_other_impacted_services_genai:	null	
notes:	null	
333:	{...}	

# Rating=919 - B2C - Graph Cloud.Risk Analysis



# CloudRiskGraph.com



Data Product  
by

FuelBigData.com



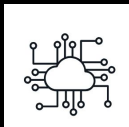
# Thank You !

Contact us

[business@insureyourtech.cloud](mailto:business@insureyourtech.cloud)

[CloudRiskGraph.com](https://CloudRiskGraph.com)

[InsureYourTech.cloud](https://InsureYourTech.cloud)




UK - London




# Cloud Risk-Simulation - B2C - Customer Cloud Risk Measurement

insureyourtech.cloud/cloudrisk-simulation

InsureYourTech.Cloud



CloudRisk.Simulation

More ▾ | 

CLOUD.RISK MEASUREMENT SIMULATION

Company Details

Company Name (required):

FuelBigData

Submission Project Name (optional):

Fuel\_Applications\_V1

Measure your Cloud.Risk via inserting Cloud Vendor and Service pairs

+

-

Pair 1 - Variable 1:

OCI

▾

Pair 1 - Variable 2:

AutonomousDB21C

▾

Pair 2 - Variable 1:

AWS

▾

Pair 2 - Variable 2:

AWS\_Lambda

▾

Pair 3 - Variable 1:

GCP

▾

Pair 3 - Variable 2:

BigQuery

▾

Pair 4 - Variable 1:

IBM

▾

Pair 4 - Variable 2:

IBM\_InformationSever

▾

Pair 5 - Variable 1:

Azure

▾

Pair 5 - Variable 2:

PowerBI\_App

▾

Submit Data

['Cloud\\_Risk\\_Graph your Measured Cloud Risk RATIO for Cloud Vendor and Service pairs'](#)

# Cloud Risk-Simulation - B2C - Customer Submission Portal

## Company Details

Company Name (required):

Submission Project Name (optional):

## Measure your Cloud.Risk via inserting Cloud Vendor, Service, and Region Selection



Set 1 - Cloud Vendor:	<input type="text" value="Amazon AWS"/>	Service:	<input type="text" value="Amazon Elastic MapReduce"/>	Region:	<input type="text" value="global"/>
Set 2 - Cloud Vendor:	<input type="text" value="Google Cloud GCP"/>	Service:	<input type="text" value="Google Cloud VertexAI"/>	Region:	<input type="text" value="global"/>
Set 3 - Cloud Vendor:	<input type="text" value="Akamai"/>	Service:	<input type="text" value="CDN Akamai"/>	Region:	<input type="text" value="global"/>
Set 4 - Cloud Vendor:	<input type="text" value="Google Cloud GCP"/>	Service:	<input type="text" value="Google Cloud Apigee"/>	Region:	<input type="text" value="global"/>
Set 5 - Cloud Vendor:	<input type="text" value="Google Cloud GCP"/>	Service:	<input type="text" value="Google Cloud BigQuery"/>	Region:	<input type="text" value="global"/>
Set 6 - Cloud Vendor:	<input type="text" value="Microsoft Azure"/>	Service:	<input type="text" value="Azure PowerBI App"/>	Region:	<input type="text" value="global"/>

## Cloud.Risk

Submit Data

### Cloud.Risk Results:

Cloud Service	Global or by Region	Region	SLA Usage %	Traffic Coef %	SLA Deviation Risk Rating	Usage Risk Rating	Outage Time	Outage Remarks with GenAI
Amazon Elastic MapReduce	global		250.00%	0.13%	994.754	995.254	0 days 11h15 down	Llams3.2-B Outage Analysis - About last AWS EMR Outage - in context, on the provided text, I found some information about AWS service outages. Here are the details: 1. Amazon Simple Queue Service: • Outage: August 15 • Time of outage: 12:50 PM - 12:50 PM (PDT) = 0 minutes (resolved immediately) 2. AWS Service Catalog: • Outage: August 6 • Time of outage: 8:11 PM - 8:57 PM (PDT) = 46 minutes 3. Amazon Elastic MapReduce (EMR): • Outage: August 6 • Time of outage: 7:24 PM - 9:10 PM (PDT) = 1 hour 46 minutes 4. Multiple services: • Outage: July 30 • Time of outage: 3:40 PM - 9:55 PM (PDT) = 6 hours 15 minutes 5. AWS Internet Connectivity: • No recent issues found in the provided text. 6. Amazon Elastic Compute Cloud (EC2): • Outage: November 10 • Time of outage: 7:55 AM - 10:13 AM (PST) = 2 hours 18 minutes Please note that this is not an exhaustive list, and there may be other AWS services with outages that are not mentioned in the provided text.

# Cloud Risk-Simulation - B2C - Customer Submission Portal

Set 5 - Cloud Vendor: Amazon AWS

Service: Amazon AWS Lambda

Region: global

## Cloud.Risk

Submit Data

### Cloud.Risk Results:

Cloud Service	Global or by Region	Region	SLA Usage %	Traffic Coef %	SLA Deviation Risk Rating	Usage Risk Rating	Outage Time	Outage Remarks with GenAI
Amazon Elastic MapReduce	global		250.00%	0.13%	994.754	995.254	0 days 11h15 down	Llama3.2-B Outage Analysis - About last AWS EMR Outage - in context, on the provided text, I found some information about AWS service outages. Here are the details: 1. Amazon Simple Queue Service - Outage: August 15 - Time of outage: 12:50 PM - 12:50 PM (PDT) = 0 minutes (resolved immediately) 2. AWS Service Catalog - Outage: August 6 - Time of outage: 8:11 PM - 8:57 PM (PDT) = 46 minutes 3. Amazon Elastic MapReduce (EMR) - Outage: August 6 - Time of outage: 7:24 PM - 9:10 PM (PDT) = 1 hour 46 minutes 4. Multiple services: - Outage: July 30 - Time of outage: 3:40 PM - 9:55 PM (PDT) = 6 hours 15 minutes 5. AWS Internet Connectivity: - No recent issues found in the provided text. 6. Amazon Elastic Compute Cloud (EC2): - Outage: November 10 - Time of outage: 7:55 AM - 10:13 AM (PST) = 2 hours 18 minutes Please note that this is not an exhaustive list, and there may be other AWS services with outages that are not mentioned in the provided text.
Azure Storage Accounts	global		4337.90%	0.43%	951.231	985.999	2 days down	Llama3.2-B Outage Analysis - About last Azure Storage Accounts Outage - in context, on the provided text, I found some information about Azure service outages. Here is a summary of the outage: On November 13, 2024, between 00:50 UTC and 12:30 UTC, a subset of Azure Blob Storage and Azure Data Lake Storage accounts experienced connectivity errors. The issue caused loss of access to Blob and Data Lake storage endpoints of the affected storage accounts, leading to unavailability of downstream services that depended on these storage accounts. The incident lasted for approximately 11 hours and 40 minutes, from 00:50 UTC to 12:30 UTC. The impacted services included: - Azure Log Analytics (delays and/or stale data in West Europe, Southeast Asia, and Korea Central regions) - Azure Container Registry (intermittent 5XX errors while trying to pull images from the East US region)
Azure PowerBi App	global		15364.45%	0.35%	831.605	967.918	5 days down	No details available
Amazon API Gateway	global		152.21%	0.08%	996.220	996.719	N/A	No details available
Amazon AWS Lambda	global		157.91%	0.08%	996.134	996.634	0 day 7h15 down	No details available

### Understanding the Risk Ratings:

- SLA Usage %:** Measures the percentage of SLA the Service has used Year-to-date . A value of 100% means the Service has used 100% of its SLA .
- Traffic Coef %:** Measures the percentage of time the Service was down or degraded Tear-toDate. A value of 0% means the service was never down or degraded. A value of 100% means the service was always down or degraded.
- SLA Deviation Risk Rating:** Indicates Risk based on SLA discrepancies. Measures the likelihood of service level agreement deviations (0.0-999.0, where higher values indicate greater risk).
- Usage Risk Rating:** Indicates the operational risk based on service usage patterns (0.0-999.0, where higher values indicate greater risk).
- Outage Remarks:** AI-generated insights about potential service outages, disruptions and historical performance issues.

\*Cloud.Risk.Graph - Measured Cloud.Risk RATIO for Cloud and Service pairs'

Cloud Risk-Simulation - B2C - Customer Submission Portal - Cloud.Risk.Graph

Cloud.Risk

Customer Portal App

New Cloud Risk Assessment

Cloud.Risk.Graph - Analysis

Company Name (required)  
Fuel DataScience BigData Limited

Project Name (optional)  
Project by Fuel DataScience BigData Limited

Select Cloud Vendors (up to 6)  
Amazon AWS x Google Cloud GCP x Microsoft Azure x Akamai x MongoDB x Salesforce x

Select Services (up to 50)  
Amazon API Gat... Amazon Bedrock... Amazon CloudF... Amazon Elastic... Amazon Elastic... Amazon QuickS... Amazon PinSpac... Amazon AWS La... Amazon AWS Cl... Amazon AWS St... Amazon S3 x Amazon Elastic... Google Cloud W... Google Cloud Ap... Google Cloud B... AlloyDB for Post... Google Cloud Da... Google Cloud Da... Google Cloud St... Google Cloud An... Google Kubernetes... Azure CDN x Azure Functions x Azure Batch x Azure PowerBI App... Azure Storage Ar... Azure Kubernetes... Citus Azure x Edge Computing... Security Advisor x MongoDB Atlas x MongoDB Atlas x... Salesforce SaaS x AWS IAM EMV Ser... Amazon Elastic... Amazon EC2 Inst... Amazon Dynam... Amazon Docum... Amazon DataZone x Amazon CloudW... x

Select Region Type  
global

Analys Cloud Risk

View your Cloud Risk Graphs

New Cloud Risk Assessment

Cloud.Risk.Graph - Analysis

Company Name (required)  
Fuel DataScience BigData Limited

Project Name (optional)  
Project by Fuel DataScience BigData Limited

Select Cloud Vendors (up to 6)  
Amazon AWS x Google Cloud GCP x Microsoft Azure x Akamai x MongoDB x Salesforce x

Select Services (up to 50)  
Amazon API Gat... Amazon Bedrock... Amazon CloudF... Amazon Elastic... Amazon Elastic... Amazon Elastic... Amazon QuickS... Amazon PinSpac... Amazon AWS La... Amazon AWS Cl... Amazon AWS St... Amazon S3 x Amazon Elastic... Google Cloud W... Google Cloud Ap... Google Cloud B... AlloyDB for Post... Google Cloud Da... Google Cloud Da... Google Cloud St... Google Cloud An... Google Kubernetes... Azure CDN x Azure Functions x Azure Batch x Azure PowerBI App... Azure Storage Ar... Azure Kubernetes... Citus Azure x Edge Computing... Security Advisor x MongoDB Atlas x MongoDB Atlas x... Salesforce SaaS x AWS IAM EMV Ser... Amazon Elastic... Amazon EC2 Inst... Amazon Dynam... Amazon Docum... Amazon Databas... Amazon CloudW... x

Select Region Type  
global

Analys Cloud Risk

Risk Analysis Results

Generated Cypher query saved to neo4j\_customer\_submission/Cloud.Risk.Graph.CustomerApp.txt

Analysis for Amazon API Gateway	
SUA Usage %	Traffic Coefficient %
152.21%	0.08%
SUA Deviation Risk	Usage Risk Rating
996.220	996.719

Risk Analysis Results

Generated Cypher query saved to neo4j\_customer\_submission/Cloud.Risk.Graph.CustomerApp.txt

Analysis for Amazon API Gateway	
SUA Usage %	Traffic Coefficient %
152.21%	0.08%
SUA Deviation Risk	Usage Risk Rating
996.220	996.719

Analysis for Amazon Bedrock

SUA Usage %	Traffic Coefficient %
152.21%	0.08%
SUA Deviation Risk	Usage Risk Rating
996.220	996.719

Analysis for Amazon CloudFront

SUA Usage %	Traffic Coefficient %
152.21%	0.08%
SUA Deviation Risk	Usage Risk Rating
996.220	996.719

Analysis for Amazon Elastic MapReduce

SUA Usage %	Traffic Coefficient %
250.00%	0.13%
SUA Deviation Risk	Usage Risk Rating
994.754	995.254

Analysis: Amazon Elastic MapReduce

Items(1.2.8) Change Analysis

About last AWS EMR Outage

on context, on the provided text, I found some information about AWS service outages. Here are the details:

1. Amazon Simple Queue Service

- Outage: August 17
- Time of outage: 12:50 PM - 12:50 PM (PDT) - 0 minutes (resolved immediately)

2. AWS Service Catalog

- Outage: August 6
- Time of outage: 6:15 PM - 6:37 PM (PDT) - 46 minutes

3. Amazon Elastic MapReduce (EMR)

- Outage: August 6
- Time of outage: 7:24 PM - 9:33 PM (PDT) - 1 hour 46 minutes

4. Multiple services

- Outage: July 30
- Time of outage: 3:40 PM - 9:55 PM (PDT) - 6 hours 15 minutes

5. AWS Internet Connectivity

- Outage: August 10
- Time of outage: 1:53 AM - 10:13 AM (PDT) - 9 hours 18 minutes

6. Amazon Elastic Compute Cloud (EC2)

- Outage: November 10
- Time of outage: 1:53 AM - 10:13 AM (PDT) - 9 hours 18 minutes

Please note that this is not an exhaustive list, and there may be other AWS services with outages that are not mentioned in the provided text.

Analysis for Amazon QuickSight

SUA Usage %	Traffic Coefficient %
41.10%	0.02%
SUA Deviation Risk	Usage Risk Rating
997.885	998.384

Analysis: Amazon QuickSight

Analysis for Google Cloud VertexAI

SUA Usage %	Traffic Coefficient %
152.21%	0.08%
SUA Deviation Risk	Usage Risk Rating
996.220	996.719

Analysis: Google Cloud VertexAI

Items(1.2.8) Change Analysis

About last Google Cloud VertexAI Outage

on context, According to the text, the following Google Cloud services (GCP products) experienced outages:

1. Vertex AI Online Prediction

2. Dataflow

3. Agave Asset

The outage began on June 12, 2024, at 12:46 US/Pacific Time and ended on June 12, 2024, at 15:05 US/Pacific Time, which lasted for approximately 3 hours and 53 minutes.

Analysis for Google Cloud BigQuery

SUA Usage %	Traffic Coefficient %
608.83%	0.06%
SUA Deviation Risk	Usage Risk Rating
992.210	997.175

Analysis: Google Cloud BigQuery

Analysis for Azure Storage Accounts

SUA Usage %	Traffic Coefficient %
4337.90%	0.43%
SUA Deviation Risk	Usage Risk Rating
951.231	985.999

Analysis: Azure Storage Accounts

Items(1.2.8) Change Analysis

About last Azure Storage Accounts Outage

on context, on the provided text, I found some information about Azure storage outages. Here is a summary of the outage:

On November 12, 2024, between 06:00 UTC and 12:30 UTC, a subset of Azure Blob Storage and Azure Data Lake Storage accounts experienced connectivity errors. The issue caused loss of access to Blob and Data Lake storage endpoints of the affected storage accounts, leading to unavailability of downstream services that depended on these storage accounts.

The incident lasted for approximately 12 hours and 46 minutes, from 06:00 UTC to 12:30 UTC. The impacted services included:

• Azure Log Analytics (delayed and/or stale data in West Europe, Southeast Asia, and Korea Central regions)

• Azure Container Registry (intermittent 503 errors while trying to pull images from the East US1 region)

Analysis for Azure Kubernetes Service (AKS)

SUA Usage %	Traffic Coefficient %
164.38%	0.82%
SUA Deviation Risk	Usage Risk Rating
984.152	974.367

Analysis: Azure Kubernetes Service (AKS)




# Cloud Risk - Customer Automated - Risk Measurement

insureyourtech.cloud/cloudrisk-graph-showcase-1

cloudriskgraph.insureyourtech.cloud:8504/#new-cloud-risk-insurance-risk-measurement

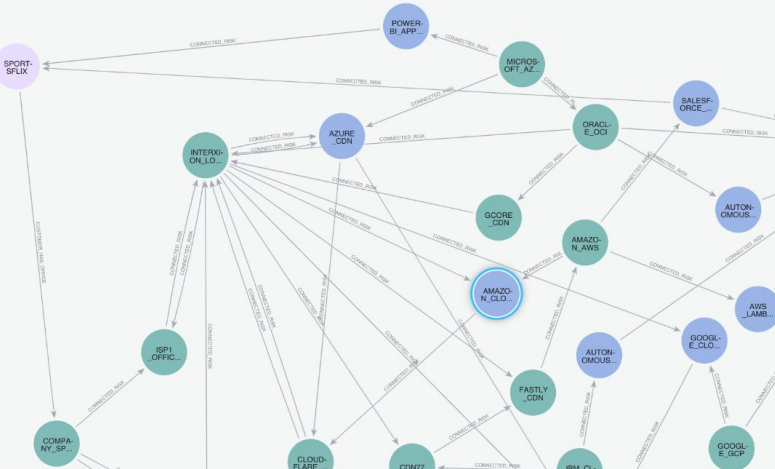
InsureYourTech.Cloud



CLOUD RISK GRAPH - LONDON COMPANY - SHOWCASE

neo4j\$ MATCH p=()-[]->() RETURN p LIMIT 250

Graph Table RAW



New Cloud Risk - Insurance Risk Measurement

Insert detailed information

for - TECHNOLOGY\_PROVIDER

the - TECHNOLOGY\_SOLUTION

Node Type

TECHNOLOGY\_SOLUTION

By TECHNOLOGY\_PROVIDER n TECHNOLOGY\_SOLUTION's

1

TECHNOLOGY\_PROVIDER 1 Key

TECHNOLOGY\_SOLUTION 1 Name

Insert Record

View your Cloud Risk Graphs

Select:

Choose an option

Explore All Cloud Risk Graph - Records

Go to <http://cloudriskgraph.insureyourtech.cloud:17474/> - Explore your cloud services risk graph.

# CloudRisk.Graph.Workbench.Cloud.Outage.Extraction - GenAI

Database Information

Use database

neo4j

Node labels

\*(1,157)

Answer

PdfBotChunk

Question

Tag

User

Relationship types

\*(1,146)

ANSWERS

ASKED

PROVIDED

TAGGED

Property keys

body

creation\_date

display\_name

embedding

favorite\_count

id

is\_accepted

link

name

reputation

score

text

title

Connected as

Username: neo4j

Roles: -

Disconnect: server disconnect

DBMS

Version: 5.25.1

Edition: Community

Name: neo4j

neo4j\$

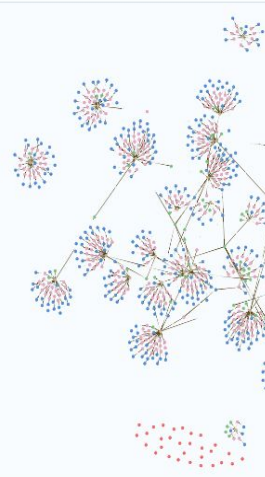
neo4j\$ MATCH (n) RETURN n LIMIT 1200

Graph

Table

Text

Code

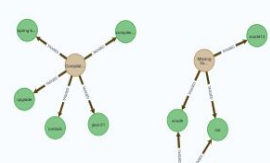


neo4j\$ MATCH p=( )→( ) RETURN p LIMIT

Graph

Table

Text



Not Secure cloudriskgraph.insureyourtech.cloud:8503

Extract Cloud Outage information from your pdf source file

Upload your PDF

Drag and drop file here

Limit 200MB per file • PDF

Browse files

Azure\_status\_history\_Microsoft\_Azure\_p2\_2024.pdf 1.0MB

X

Request outage information from your upload pdf file

Ask Questions? e.g. From the loaded pdf, What Azure Cloud Services are here identified and what outages the service had?

What Azure Cloud Services are here identified ?

The Azure cloud services mentioned in the text are:

1. Azure NetApp Files
2. Azure Policy
3. Azure Resource Manager (ARM)
4. Azure Site Recovery
5. Azure SQL Database
6. Azure Virtual Desktop
7. Managed identities for Azure resources
8. Microsoft Entra Domain Services
9. Microsoft Entra Global Secure Access
10. Microsoft Entra ID
11. Microsoft Graph

Additionally, the text mentions various other Azure services that were impacted by the outage, including:

- Azure API Management
- Azure Application Insights
- Azure Cognitive Services
- Azure Communication Services
- Azure Cosmos DB
- Azure Databricks
- Azure Event Grid
- Azure Front Door
- Azure Key Vault
- Azure Monitor
- Azure NetApp Files (again)
- Azure Policy (again)
- Azure Resource Manager (ARM) (again)
- Azure Site Recovery (again)
- Azure SQL Database (again)
- Azure Virtual Desktop (again)

Note that this is not an exhaustive list of all Azure services, but rather a list of the specific services

# CloudRisk.Graph.Showcase-1

cloudriskgraph.insureyourtech.cloud:8504/#new-cloud-risk-insurance-risk-measurement

## New Cloud Risk - Insurance Risk Measurement

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## View your Cloud Risk Graphs

Select:

Choose an option

## Explore All Cloud Risk Graph - Records

Go to <http://cloudriskgraph.insureyourtech.cloud:17474/> - Explore your cloud services risk graph.

Not Secure cloudriskgraph.insureyourtech.cloud:8503/#workbench-app-3

## Workbench App\_3

### PDF\_BOT - Extract Cloud Outage information from your pdf source file

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Limit 200MB per file • PDF

Browse files



Google\_Cloud\_Service\_Health\_-\_12.June.2024.pdf 251.8KB



Request outage information from your upload pdf file

Ask Questions? e.g. From the loaded pdf, What Azure Cloud Services are here identified and what outages the service had?

Google cloud services GCP products can you identify here with outages ? and how long was the outage?

According to the text, the following Google Cloud services (GCP products) experienced outages:

1. Vertex AI Online Prediction
2. Dialogflow CX
3. Agent Assist

The outage began on June 12, 2024, at 12:06 US/Pacific Time and ended on June 12, 2024, at 15:59 US/Pacific Time, which lasted for approximately 3 hours and 53 minutes.