



# Manage all cloud resources & data in **One Platform**

OUR  
UNIVERSE



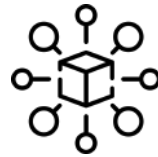
# “Re-thinking the entire toolkit for knowledge workers in the cloud era”

We're in the process of building an **ecosystem** of diverse solutions to seamlessly navigate the advanced cloud environments.



## Personalization

- Custom data-driven dashboards
- Personalized Policy Configuration
- API & CLI



## Integration

- Marketplace
- Third-party solutions
- Custom offerings



## Cloud Native

- Supporting the Cloud Native ecosystem including Kubernetes, gRPC, Helm, and more.



# Cloud Management Platform



## Asset Inventory

Streamlined resource management for cloud assets, monitoring, and log data.



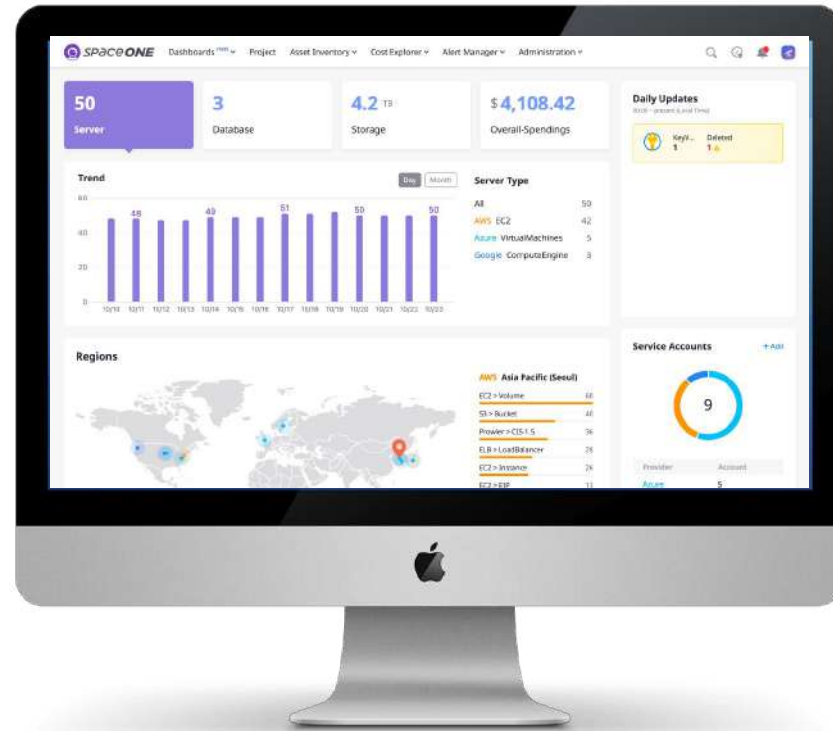
## CSPM

Comprehensive cloud security vulnerability analysis and tracking.



## Custom Dashboard

Personalized dashboards using asset, billing, metric data, and more.



## Cost Explorer

Cloud Cost Analysis, Budgeting and Optimization.



## Alert Manager

Cloud event integration with escalation-driven alerting.

..and



Continuously Growing with Infinite Scalability

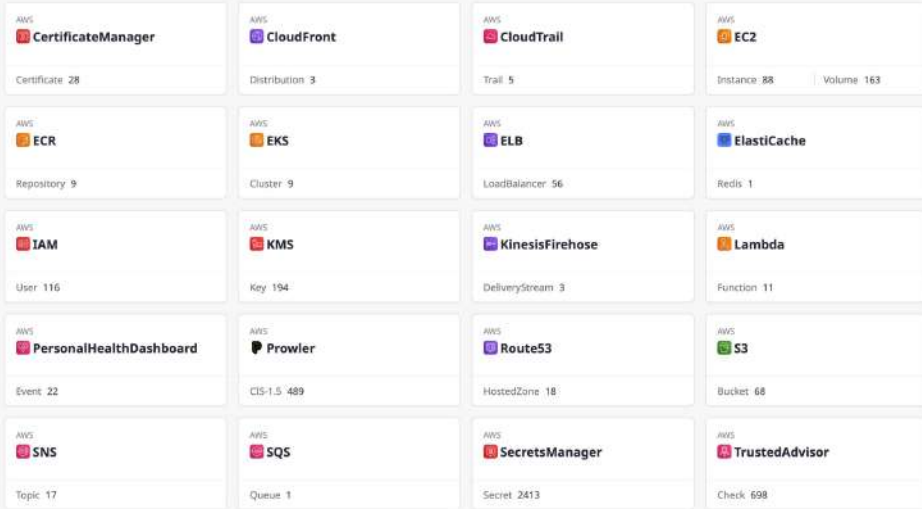
: Where you can effortlessly control your cloud for peak operational efficiency.



# Key features

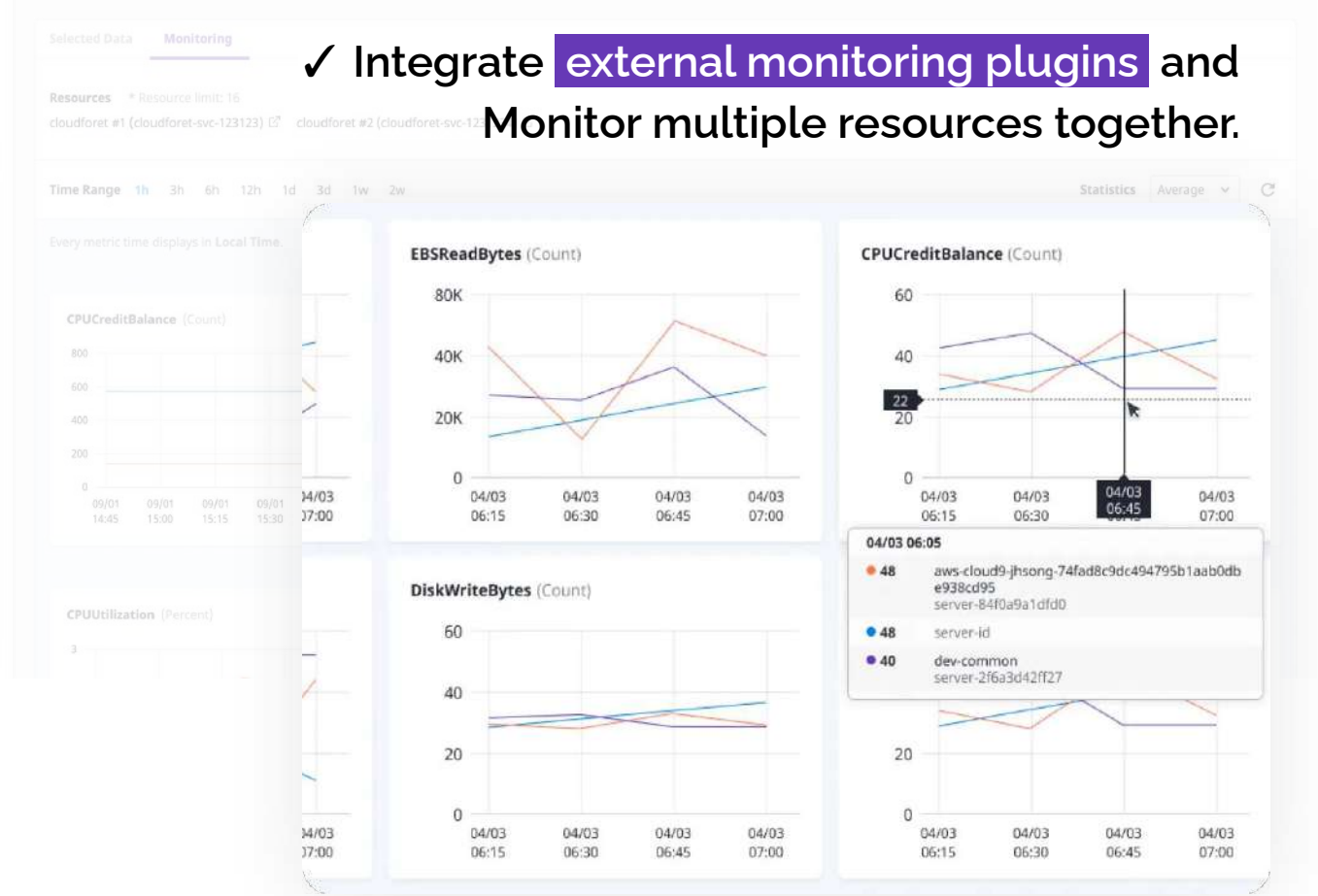
- Asset Inventory
- Cost Explorer
- Alert Manager
- CSPM
- Dashboards

✓ Easily find and review detailed resource information that was challenging to verify manually.



<input checked="" type="checkbox"/>	cloudforet #1	t3.small	2	2 GB	AWS	Running	ap-northeast-2a	linux	123.45.6.789	1,23,456,789	2
<input checked="" type="checkbox"/>	cloudforet #2	t2.micro	1	1 GB	AWS	Running	ap-northeast-2c	ubuntu	123.45.6.789	123,45.6.789	2
<input type="checkbox"/>	cloudforet-zabbix-agent	t2.nano	1	512 MB	AWS	Running	ap-northeast-2c	ubuntu	123.45.6.789	123,45.6.789	25
<input type="checkbox"/>	cloudforet-web-instance-06	t2.micro	1	1 GB	AWS	Running	ap-southeast-1c	amazonlinux	12.3.4.56		25

✓ Integrate external monitoring plugins and Monitor multiple resources together.



✓ The **powerful query engine** allows you to discover resources even faster.

**Instance**

Search

Core

Search

Core:> 2   Name:^k8s-workernode-[0-9]\$   VPC ID:= vpc-049598

<input type="checkbox"/>	Name	Instance Type	Core
<input type="checkbox"/>	k8s-workernode-1	t3a.xlarge	4
<input type="checkbox"/>	k8s-workernode-2	t3a.xlarge	4

2022/07/26 12:19 ● Updated 1

2022/06/03 13:32 ● Updated 1 Note 1

**2022/05/12 12:11 ● Updated 2**

2022/04/27 09:31 ● Updated 12 Note 4

2022/02/21 12:32 ● Updated 1

2022/01/03 12:32 ● Created 16

**Change history**

```

1 {
2 + "instance_state": "RUNNING",
3 + "instance_type": "c5.xlarge",
4 "instance_name": "Openstack #2",
5 image": "ubuntu/images/hvm-ssd/ut
6 "az": "ap-northeast-2a",
7 "account": "257706353415",
8 "instance_id": "i-006feccb0d1dd20
9 }
10

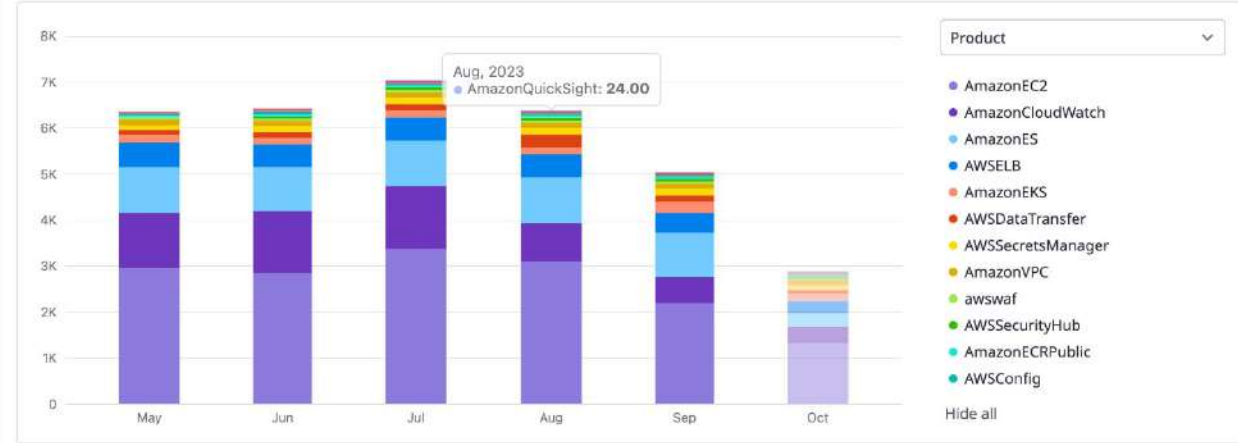
```

✓ Easily find the **change history** for specific resources.

aws Monthly cost by project Currency: \$USD

Granularity: Monthly | Period: Last 6 Months | Filters: 2 | Save as

Group By: 3/3 | Project Group | Project | Provider | Service Account | **Product** | Region | Usage Type | Account ID | Instance Type | Usage Type Details | Tags



Product	Region	Usage Type	May	Jun	Jul	Aug	Sep
AmazonEC2	Asia Pacific (Tokyo)	APN1-BoxUsage:t3.xlarge	646.92	860.61	1133.26	779.2	99.56
AmazonES	Asia Pacific (Tokyo)	APN1-IndexingOCU	497.66	480.96	496.99	497.66	480.29
AmazonES	Asia Pacific (Tokyo)	APN1-SearchOCU	497.66	480.96	496.99	497.66	480.29
AWSELB	Asia Pacific (Seoul)	APN2-LoadBalancerUsage	418.85	396	409.63	422.88	377.47
AmazonCloudWatch	Asia Pacific (Seoul)	APN2-CW:MetricMonitorUsage	447.59	576.16	583.09	123.84	3.5
AmazonCloudWatch	Asia Pacific (Seoul)	APN2-DataProcessing-Bytes	393.96	428.18	422.73	349.51	9.88
AmazonEC2	Asia Pacific (Seoul)	APN2-BoxUsage:t3a.xlarge	278.55	269.57	278.55	277.8	269.01
AmazonCloudWatch	Asia Pacific (Seoul)	APN2-CW:MetricStreamUsage	236.15	225.25	245.22	247.18	217.02
AmazonEC2	Asia Pacific (Seoul)	APN2-NatGateway-Hours	219.48	212.4	219.48	219.48	212.4
AmazonEC2	Asia Pacific (Seoul)	APN2-SpotUsage:t3.xlarge	278.22	291.63	162.27	138.03	141.84
AmazonEC2	Asia Pacific (Seoul)	APN2-BoxUsage:t3.xlarge	154.75	149.55	154.75	154.75	149.14



✓ Perform the cost analysis by leveraging various filters, group-by options, and granularity.

aws AWS

- Monthly cost by project
- Monthly cost by product
- Daily cost by product

My Awesome Cost Analysis

Additionally, it offers you the flexibility to create and customize your own analyses.

← SpaceONE Dev - 2023 Budget

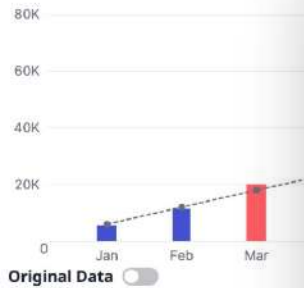
Data Source: AWS Original Currency: \$USD

Amount Planning Type (Period)  
Monthly Planning (2023-01 - 2023-12) Details

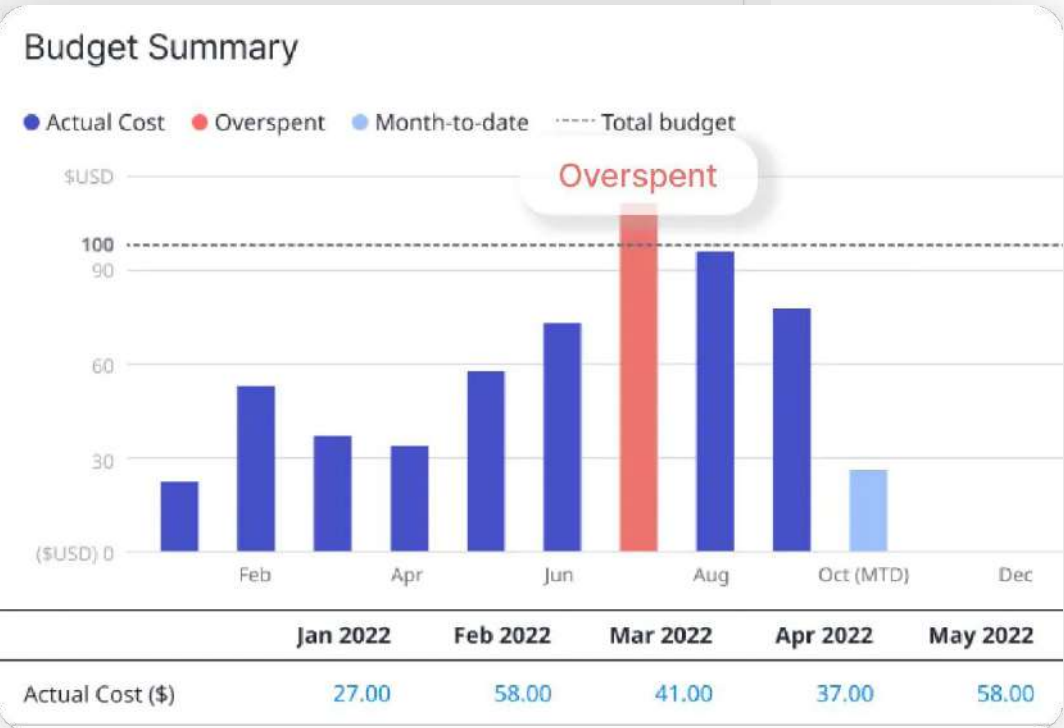
Target  
1. SpaceONE > SpaceONE-Dev

Provider  
AWS

Budget Summary



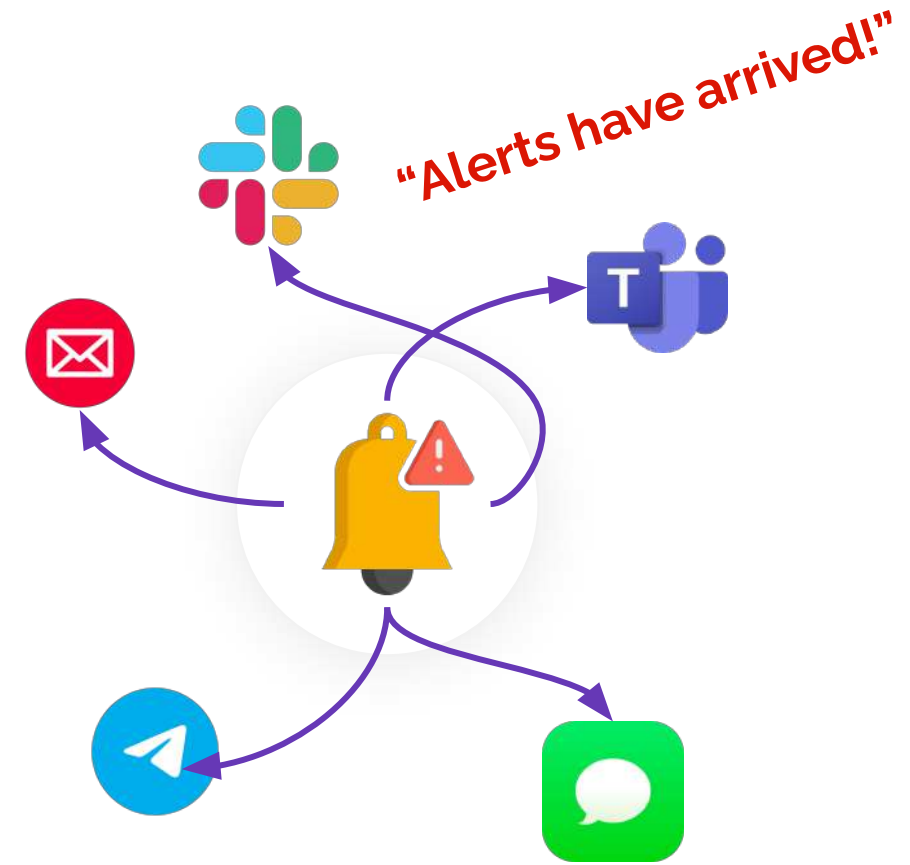
	Jan 2023	Feb 2023
Budgeted	\$6,000.00	\$6,000.00
Actual Cost	\$5,495.86	\$5,495.86
Budget Spent	92%	95%



Budget Notifications

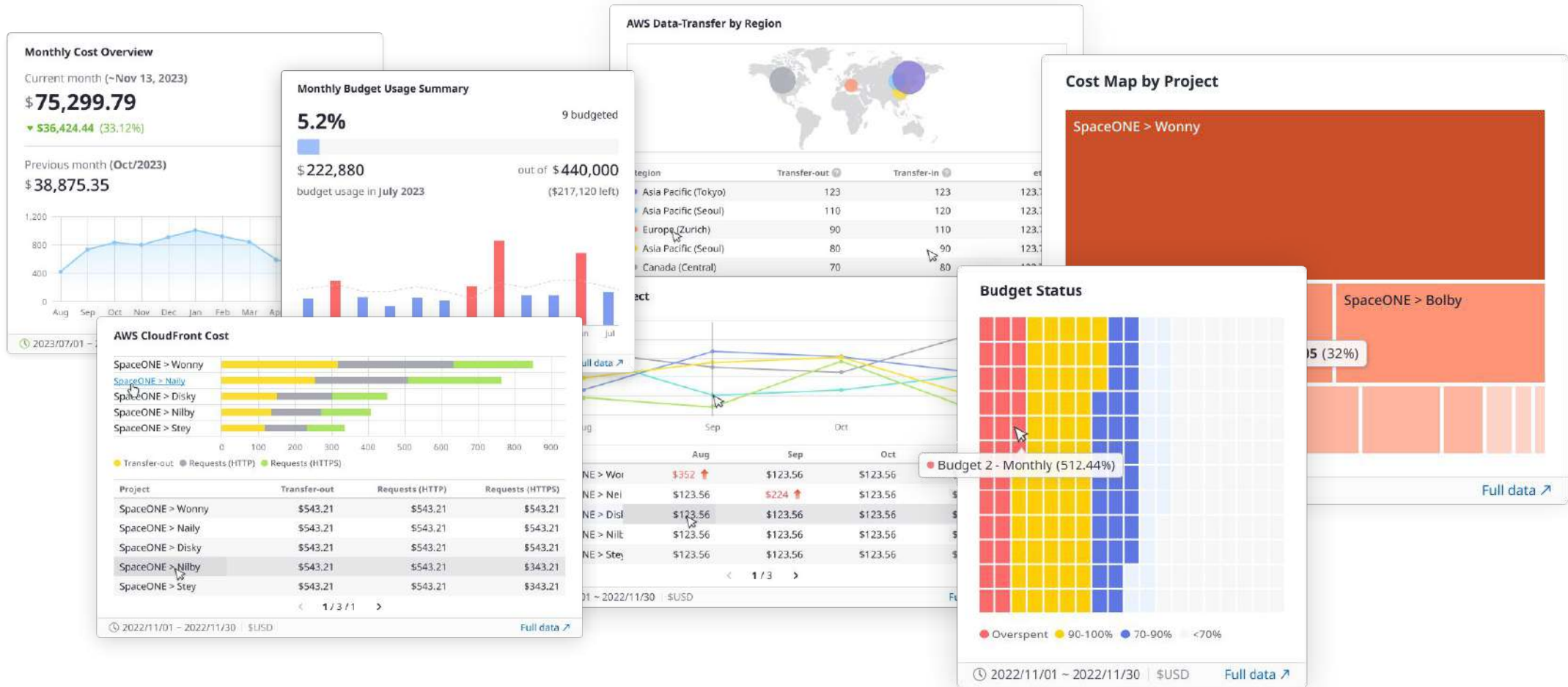
Set budget notifications if you want to

✓ Effectively control expenses with **budgeting** and **alerts**.

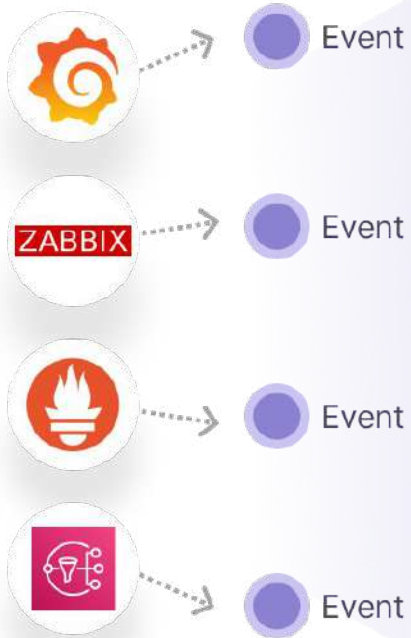




✓ We even offer **a variety of widgets** to enable better management of cost analysis and budgeting.

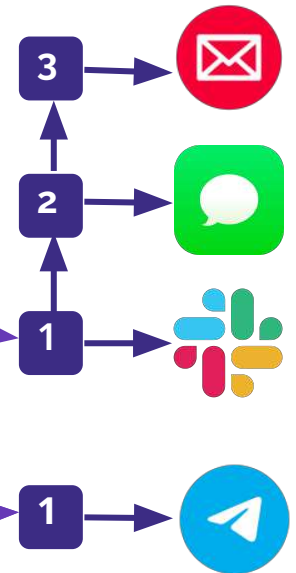


✓ **Integrate**  
**external monitoring**  
**solutions**



The central part of the image is a screenshot of the Alert Manager web interface. It displays a detailed view of an alert titled 'Node Load Avg 1m - victoriametrics alert #24254'. The alert is in a 'Resolved' state with a 'High' urgency. The description includes details about the failure level, panel, data source, and resource. The interface also shows the rule that triggered the alert, its severity, escalation policy, and project. On the right side, there is a 'Responder' section with an escalation policy consisting of three steps (LV1, LV2, LV3) and a list of responders for each step. Below this, there is a 'Note' section with a text area and a 'Project Dependency' section.

✓ **Receive alerts**  
**through your preferred**  
**notification channels**  
**in accordance with the**  
**escalation policy**



Ensure complex and dynamic cloud infrastructure security by diagnosing, providing improvement guidance, and establishing standard policies. (integrated through the Prowler plugin)

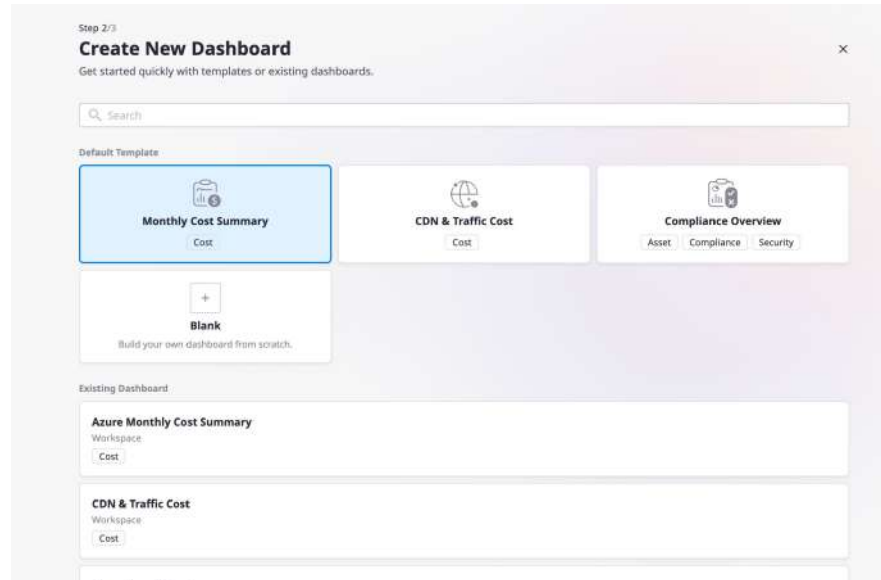
**✓ Vulnerability Scanning**

**✓ Remediation Guidance**

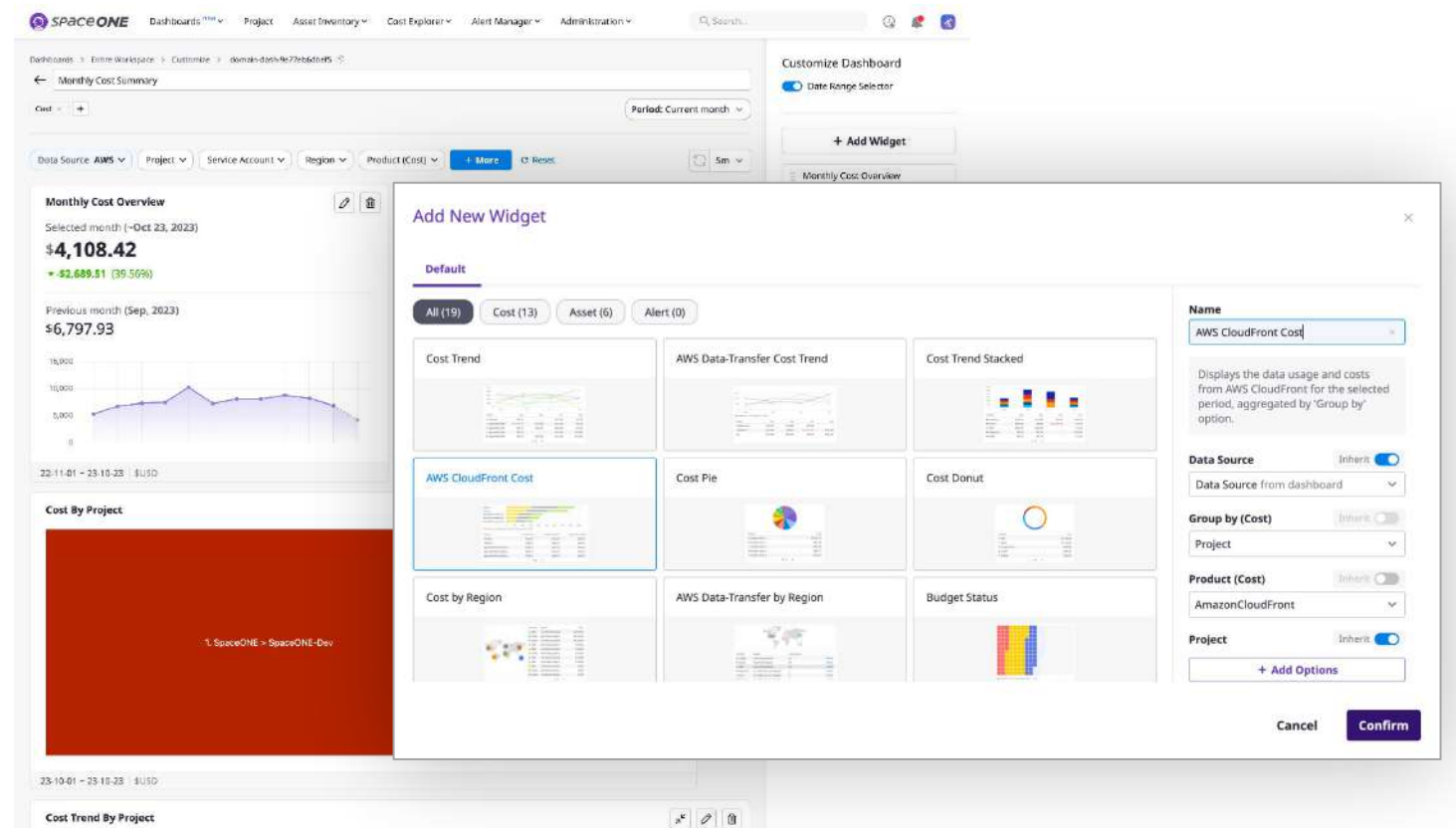
**✓ Scoring for Compliance Status**

Create your personalized dashboard using a variety of data from SpaceONE or external plugins, including assets, billing, metrics, and customizable widgets.

✓ Create your own **custom dashboard**



✓ Make use of all available **widgets** and Custom functionality

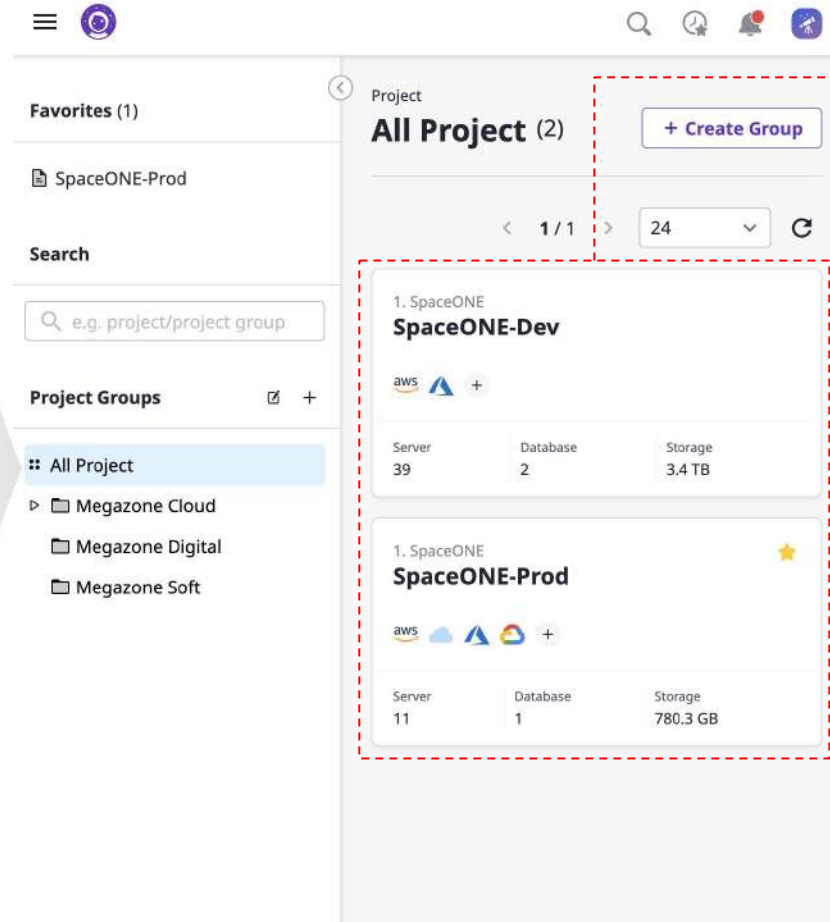
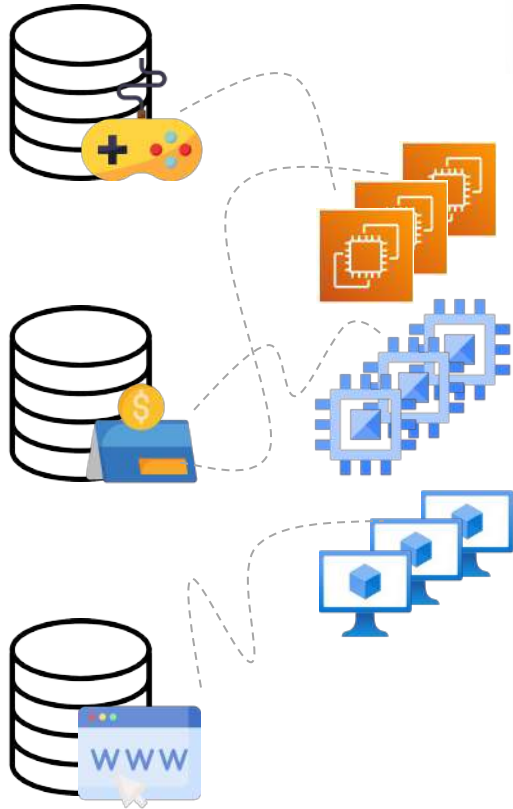




# Core advantages

- Project based management
- Cloud Native Architecture
- API & CLI
- Open Source Platform

## ✓ Efficient Management by Categorizing Multiple Cloud Accounts (Assets & Costs) into Projects



### • **Structured Account Management through Projects**

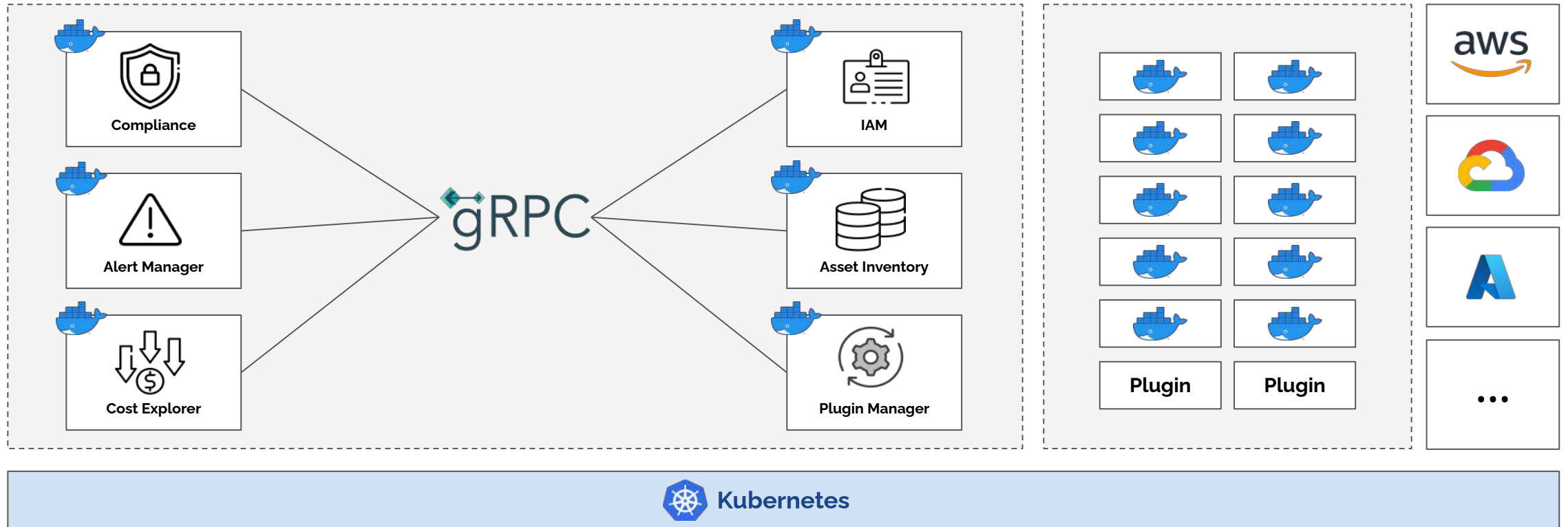
- Enabling organization by service, team, or commercial and development divisions, etc.
- Project Group & Project Hierarchical Tree

### • **Role-Based Access Control (RBAC)**

- Inviting Internal Members to Each Project
- Enabling Independent Management and Operation with Role and Permission Policies

### • **Configuration of Projects Based on CSP**

- Setting Up Projects Based on Tags Managed by the CSP

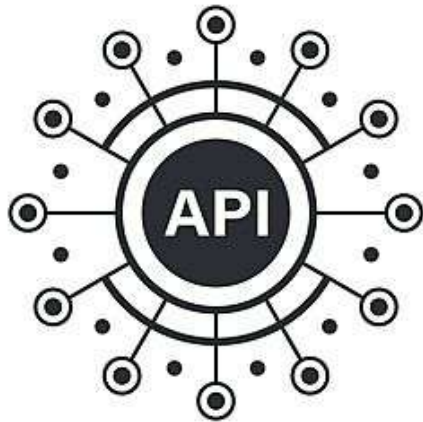


- ✓ **Flexible Scalability & Personalization:** MongoDB adapted | Unstructured full data storage | Dynamic schema | Custom Dashboards
- ✓ **Portability & Cost Efficiency:** Kubernetes & Docker | Development exclusively using Open Source tools
- ✓ **Integration with external systems:** Enabling interaction with external systems through APIs, SDKs, and CLI
- ✓ **Rapid Development:** Microservices Architecture (MSA) | Plugin-based architecture

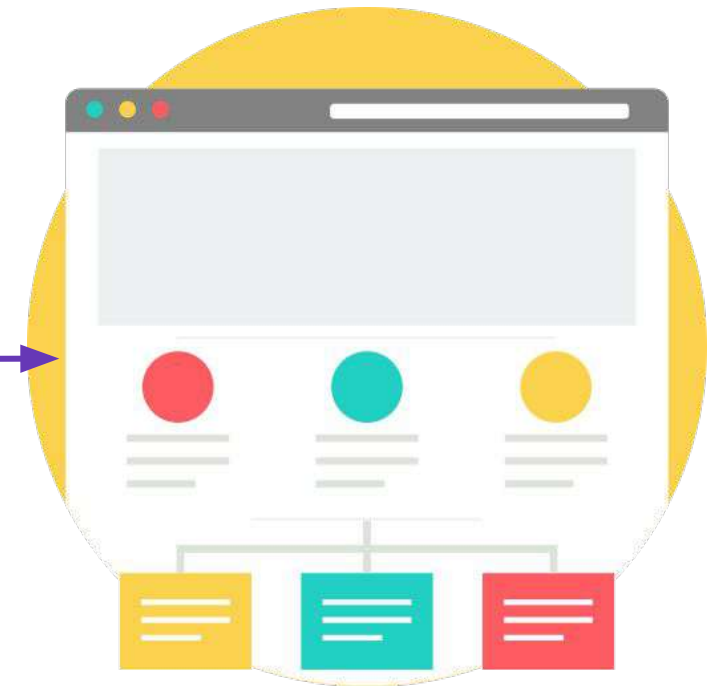
✓ Providing Full Connectivity by Supporting All Functions via APIs.

- We offer over 500 APIs for seamless integration and automation with external systems.
- Enabling its own CLI tool, SpaceCTL, allowing you to execute all SpaceONE APIs with simple commands.

 gRPC {REST}



**500 + APIs**

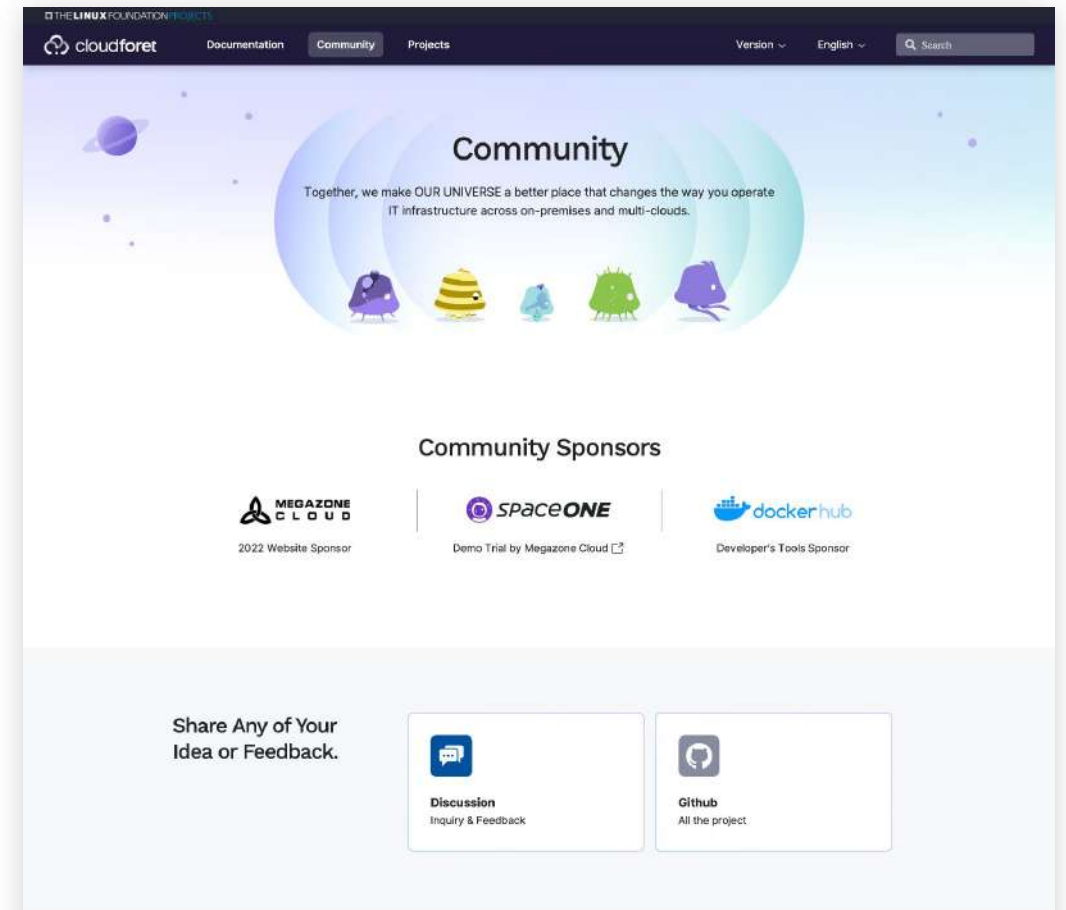
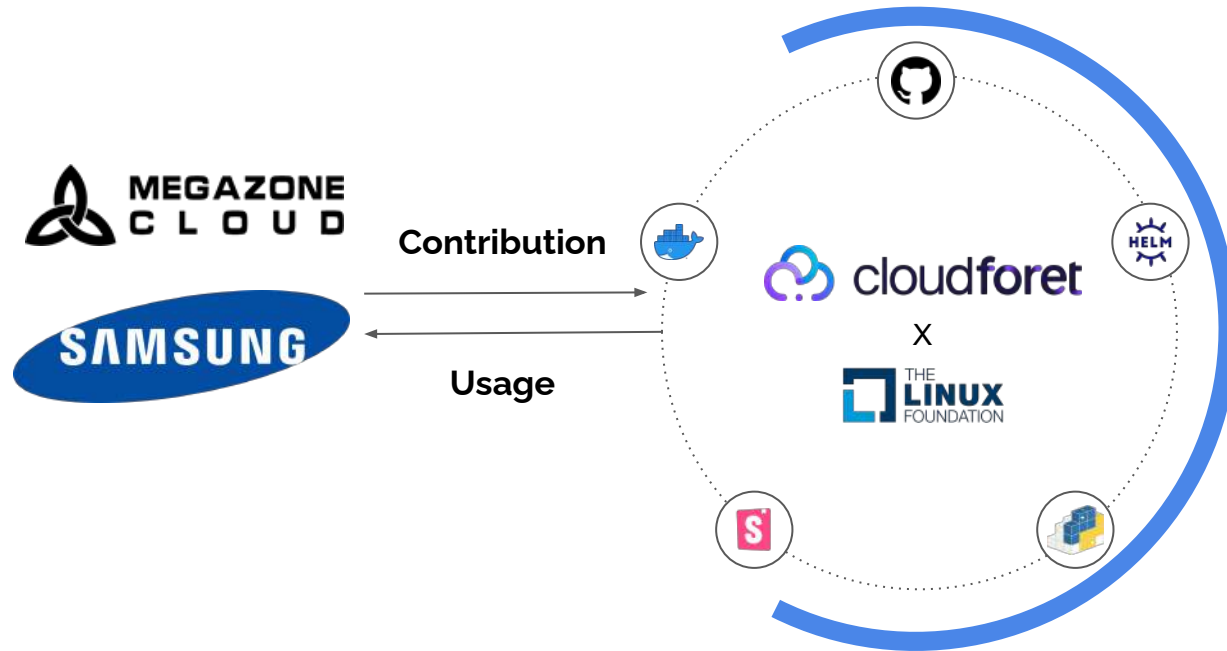


- **Integratable** with custom products or various SaaS systems



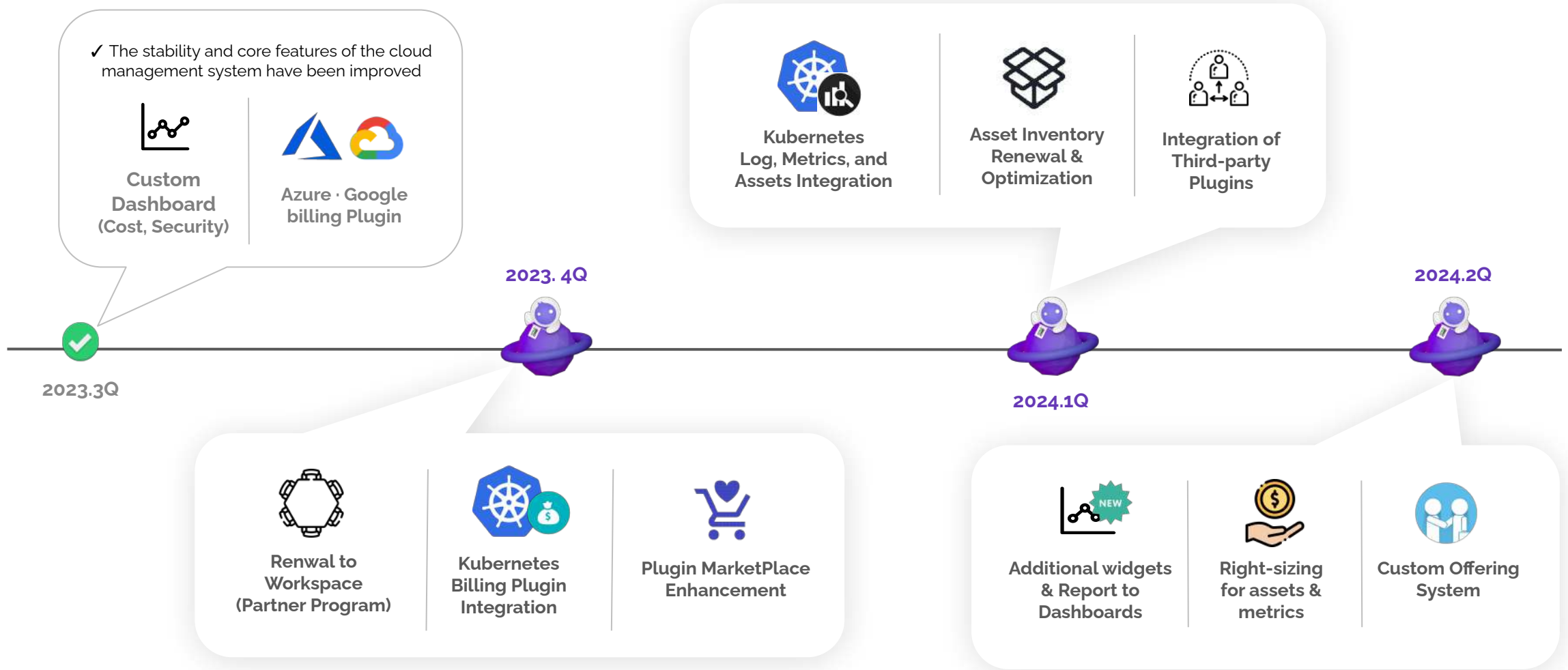
## ✓ Building a Cloud Management Ecosystem with an Open-Source Based Platform

- Expanding integration with various tools and system through an Open-Source ecosystem.
- Admitted to the Linux Foundation (Project Name: Cloudforet)





# Development Roadmap



*“ We are committed to ongoing development, with a continuous focus on delivering enhanced and diverse features for your cloud management needs “ - Team SpaceONE*

( \* Please note that this development roadmap schedule is subject to change. )



# Thank You



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<https://github.com/cloudforet-io>



<https://spaceone.megazone.io>



<https://blog.spaceone.megazone.io>