## Introduction

Quadrant Resource is a Premier IT Services and Product based Organization established in 2004. Our strategic alliances with Product Technology companies have made us a trusted partner for several fortune 1000 companies. Our commitment to reach new heights has listed us as the #1 fastest growing company in Northwest region as per Inc 5000 and Geek Wire. We have been awarded technology fast 500 from Deloitte in 2019 and our service offerings include Cloud, Data Migrations, Data Analytics, Modern Application Development, DevOps, QA, Data Analytics, ERP Implementations, Open source customization etc., We are a team of highly skilled and passionate professionals dedicated to providing innovative technology solutions for our clients At Quadrant, we have been prioritizing customer satisfaction over the past 17 years, and we go above and beyond to ensure that our clients are happy with our services We believe that our success lies in the success of our clients, and we work hard to achieve their goals.

CERA Framework

The CERA is a unique framework of Quadrant which stands for Cloud Enablement & Risk Assessment.
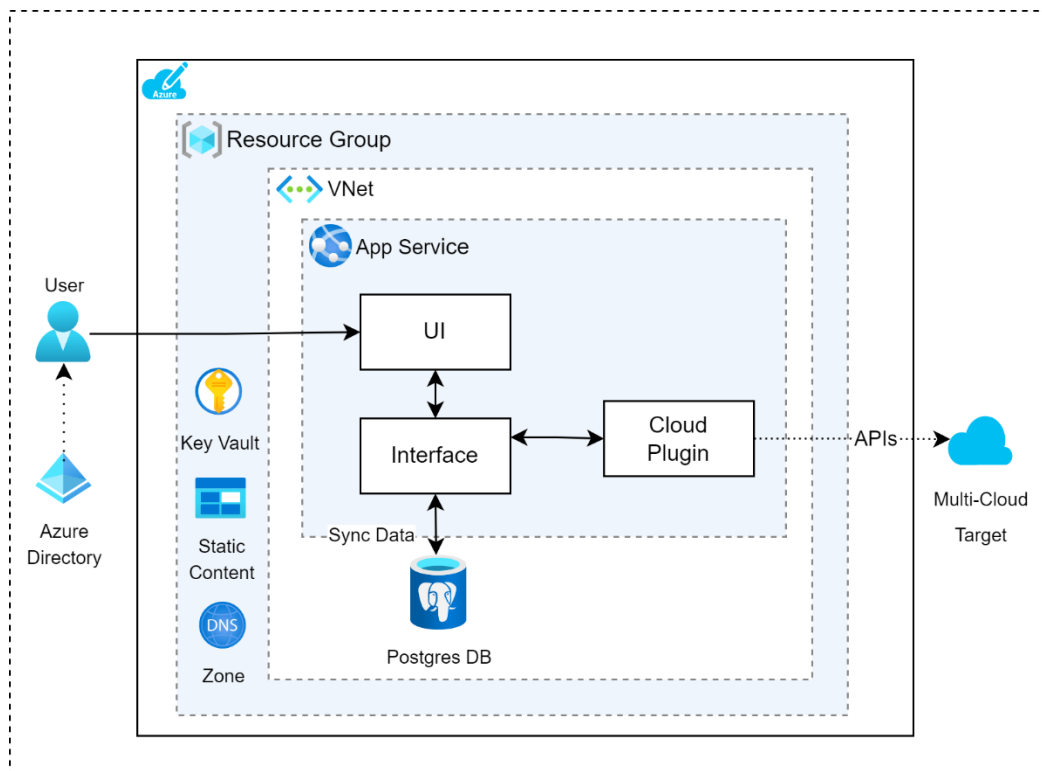
It's ultimate cloud enablement and risk assessment tool designed to support multiple cloud environments.

CERA is designed to support multi-cloud environments. With features like cost optimization, security and compliance posture monitoring, user policy creation and administration, resource enumeration and health metrics monitoring, unified dashboard, reporting with rich data analytics, role-based access, and robust notification and alerting mechanisms, CERA is the perfect solution for businesses looking to streamline their cloud operations and minimize risk.

CERA PROVIDES THAT SINGLE PLATFORM TO TRACK MULTI CLOUD RESOURCES, COMPLIANCE MANAGEMENT AND COST OPTIMIZATION ACROSS CLOUD PROVIDERS.
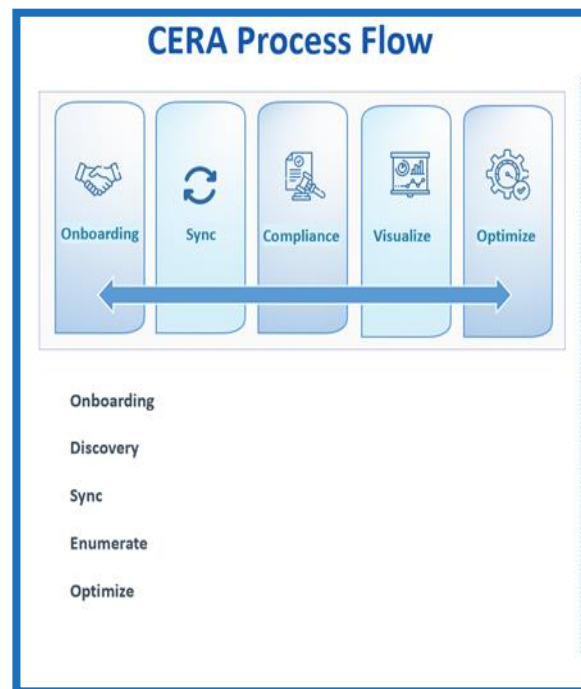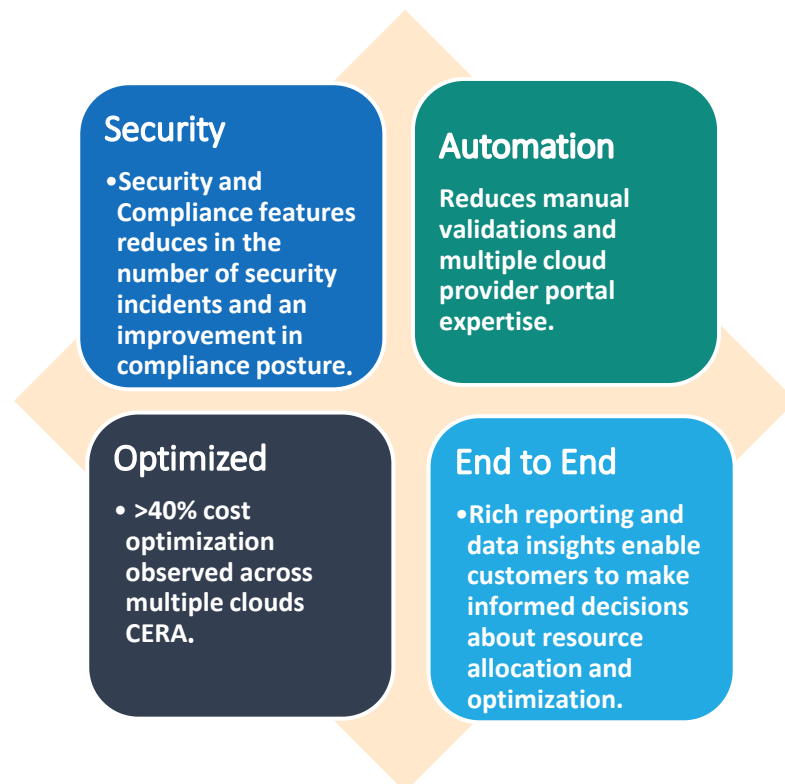

- ❖ **Onboarding** the customer cloud accounts and environments to CERA. Enable authentication and single sign on.
- ❖ **Discovering** the admin configuration and setting up the data view according to the use cases provided. Set up policies, notifications and configurations as required for CERA to enumerate data and generate data insights.
- ❖ **Sync** the data from the source to view in the required visualizations using reports and dashboards.
- ❖ **Enumerate** the data according to the business logic provided by the customer.

❖ **Optimize** trends and generate reports or data insight using AI models to forecast the cost for the customer to perform required actions.

Sample Use Cases

❖ Cloud Modernization of Web platform.

❖ Application Modernization using Azure Cloud

❖ Cloud Cost Monitoring as Service

❖ Cloud cost optimization Acceleration

❖ IT Architecture Modernization

CERA Benefits at a Glance

Security
•Security and Compliance features reduces in the number of security incidents and an improvement in compliance posture.

Automation
Reduces manual validations and multiple cloud provider portal expertise.

Optimized
• >40% cost optimization observed across multiple clouds CERA.

End to End
•Rich reporting and data insights enable customers to make informed decisions about resource allocation and optimization.

CERA Features and Future Enhancements

1. Multi cloud onboarding

2. Cost and Security overview

3. User Policy Creation and Administration

4. Resource Health

5. Unified Dashboard

6. Reporting

7. Role based administration.
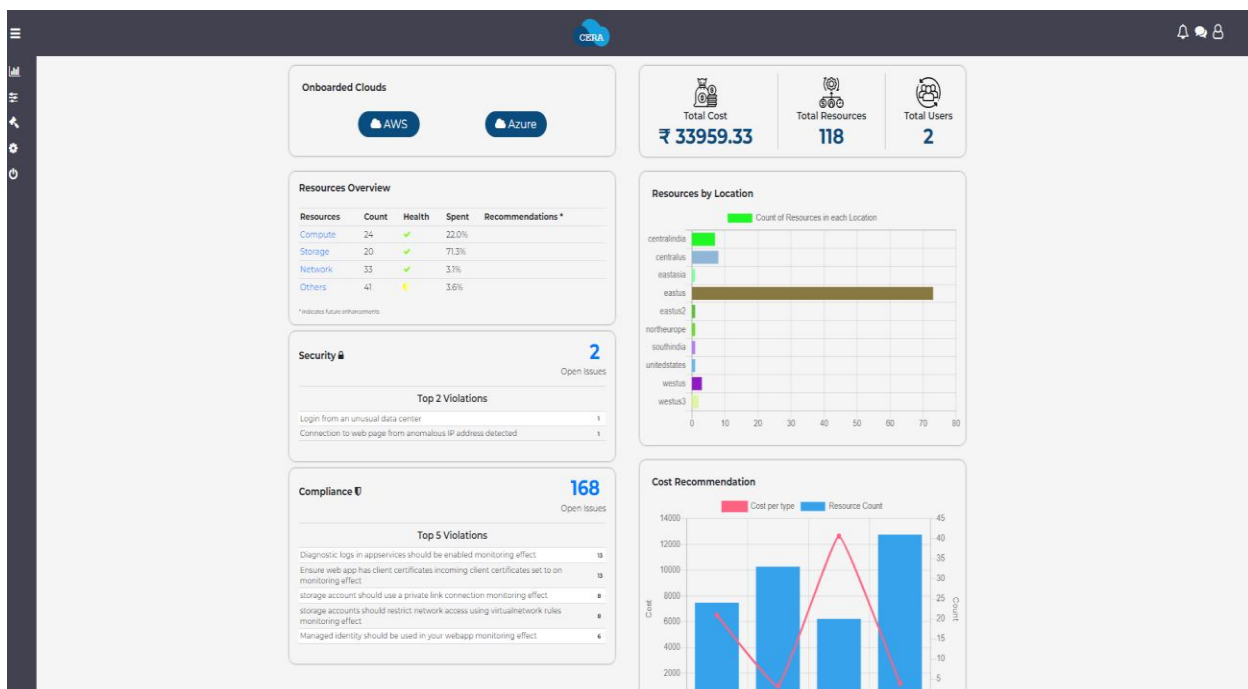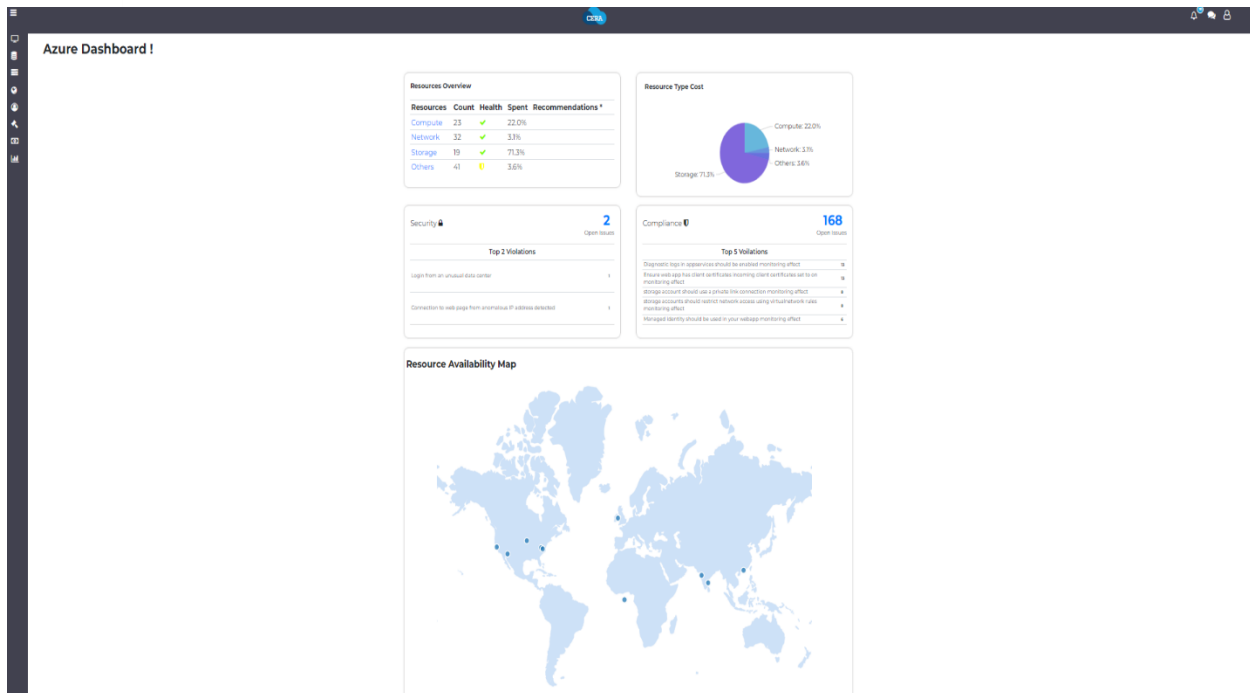
- Improve charts to represent data analytics.

- Setup onboarding process based on customer business model.

- Perform UX enhancements to improve look and feel.

- Configure custom policies and role-based access privileges.

- Extend notifications with comprehensive information.

- Gather data regarding resource health and provide representation.

CERA - Benefits

It is difficult to manage cloud resources across various portals and through different command utilities.

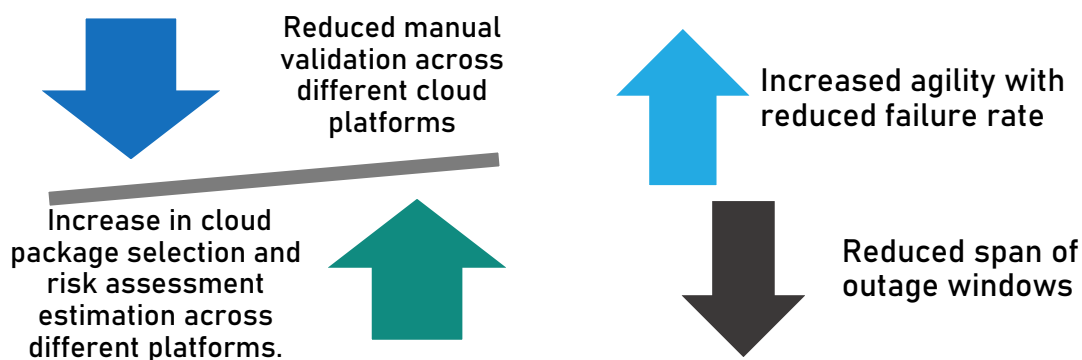No easy way to add new policies or restrictions on cloud spend.

No clear optimization paths defined based on customer business needs across clouds.

Need to have expertise in handling cloud portal administration and SDK implementations.

Cost Optimization
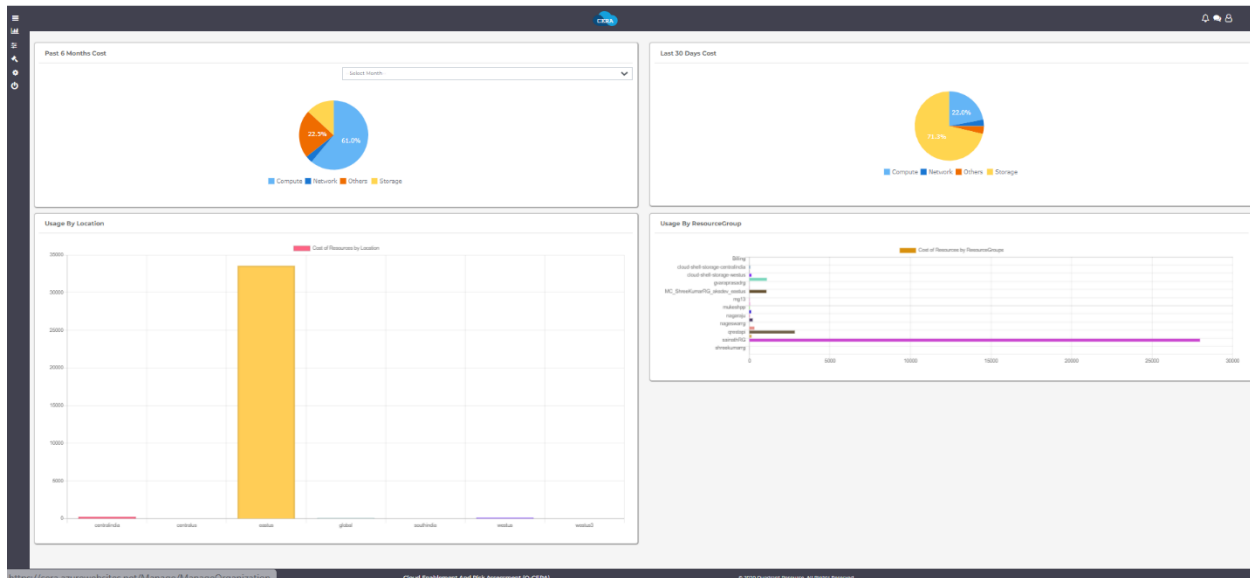
CERA's cost optimization features can help customers save money by identifying underutilized resources, optimizing resource allocation, and minimizing waste. Customers who have implemented CERA's cost optimization strategies have seen significant cost savings ranging from 10% to 30%.

Reduced manual validation across different cloud platforms

Increase in cloud package selection and risk assessment estimation across different platforms.

Increased agility with reduced failure rate

Reduced span of outage windows

Resource enumeration and health metrics

CERA's resource enumeration and health metrics monitoring capabilities enable customers to identify and address issues with their cloud resources before they become critical. This can lead to improved resource utilization, reduced downtime, and increased reliability. Customers who have implemented CERA's resource enumeration and health metrics monitoring have seen improvements in resource utilization, uptime, and reliability.

Reporting and data analytics

CERA's reporting and data analytics capabilities provide customers with insights into their cloud environment's performance, enabling them to make informed decisions about resource allocation and optimization. Customers who have implemented CERA's reporting and data analytics have seen improvements in resource utilization, cost optimization, and overall cloud environment performance.

Conclusion

Quadrant Resource is an innovative Microsoft Gold partner with multiple Gold Competencies in Cloud Data platform. Customers who are onboard to CERA can expect to see improvements in cost optimization, security and compliance posture, resource utilization and health, and overall cloud environment performance. The extent of these improvements will depend on the specific use case and the state of the customer's existing cloud environment.