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Understanding on horizon dashboard

A Horizon Dashboard is a web-based interface that provides a centralized and consolidated view of an organization's cloud infrastructure and services. It is a tool used to monitor, manage, and control the resources and applications deployed on cloud platforms like OpenStack and Kubernetes.

Horizon Dashboard is designed to be user-friendly, making it easy for users to navigate and interact with the cloud environment. It provides a single point of access to various cloud services and components, such as compute, storage, networking, and security.

- The main features of Horizon Dashboard include:
- Project Management: Users can create, manage, and delete projects, and assign roles and permissions to other users within their projects.
- Resource Management: Users can launch, manage, and terminate instances, and create, manage, and delete volumes, networks, and images.
- Networking: Users can create, manage, and delete virtual networks, subnets, routers, and security groups.
- Metrics and Monitoring: Horizon Dashboard provides real-time metrics and performance data, allowing users to monitor and optimize resource usage and resolve performance issues.
- User Management: Horizon Dashboard provides a user management system that allows administrators to manage users, roles, and permissions.
- Billing and Usage: Horizon Dashboard provides billing and usage information, enabling users to track and optimize their cloud spending.
- Multi-cloud Support: Horizon Dashboard supports multiple cloud platforms, making it easier for organizations to manage their hybrid cloud environments.

In addition to these core features, Horizon Dashboard also provides a number of APIs and extensions that allow developers to customize and extend the platform. This makes it possible for organizations to integrate Horizon Dashboard with their existing systems and workflows.

Overall, Horizon Dashboard is a valuable tool for organizations looking to take advantage of the benefits of cloud computing. It provides a single point of access to cloud resources, enabling users to manage and monitor their cloud infrastructure with ease. By consolidating cloud services and resources into a single interface, Horizon Dashboard helps organizations optimize their cloud deployments and reduce operational overhead.