

Cardinal Cloud

Approach

- Client centricity
- Clear direction with specific goals
- Focus on execution
- Coalition of the willing

Our Vision for Cardinal Cloud

Facilitate the nimble and secure use of cloud services at Stanford

Strategic Objectives

- Implement an easy-to-use common entry point for all cloud services.
- Create a mechanism for clients to understand, estimate, monitor, and control their cloud service costs.
- Establish a sustainable consulting service to assist clients as needed.
- Migrate cloud service use into Stanford enterprise agreements where possible.
- Execute spend aggregation agreements to gain usage discounts.
- Provide ongoing training offerings to grow cloud competencies among Stanford practitioners.
- Implement a strong security architecture and operational controls to facilitate MinSec adoption.

Guiding Principles

- Maintain client centricity and prioritize user experience.
- Maximize self-service capabilities.
- Steer clients toward our sanctioned solutions that best fit the specific needs.
- Minimize SaaS customizations.
- For IaaS, support AWS, GCP, and Azure as well as hybrid cloud/on-prem solutions, honoring client preferences.
- Facilitate the direct use of native cloud services.
- Cloud is not always the best fit.
- Employ automation wherever possible.
- Attain a security posture for Stanford cloud systems that meets or exceeds that of our on-premise systems.
- Build and maintain stakeholder support through transparency and inclusion.
- Be agile: release early and often.

Key Performance Indicators

- Increase in percentage of Stanford cloud usage initiated via the portal and governed under Cardinal Cloud.
- Increase in cloud portal new feature release frequency.
- Increase in percentage of consulting service costs that are recovered.
- Decrease in the number of cloud services used outside of Stanford enterprise agreements.
- Increase in the percentage of Stanford practitioners who have completed cloud training.
- Increase in the percentage of our cloud assets whose security configurations are actively monitored and enforced.
- Increase in cloud usage discounts.

Focus

- Current state assessment (by Service Design Team)
- Common entry point
- Consulting service
- Security architecture and operations
- Spend management
- Practitioner training