Azure Application
Reliability Engineering

Contact Us Today ✉ sales@kizan.com

Create more reliable systems in the cloud.

Workshop and Implementation. KiZAN's Application Reliability Engineering offer will help you achieve the appropriate level of reliability for cloud-based systems. KiZAN will help you define reliability targets for a given workload and enhance the workload with the appropriate tools. Additionally, we'll better prepare your staff on how to respond to inevitable failures.

The discovery phase of this offer will consist of a Reliability Analysis Workshop (RAW). During this week-long workshop, KiZAN will identify current perceived challenges, review the current architecture, and review the current monitoring outputs. We will also conduct rigorous stress testing and simulated failures to identify weak points and practice responses to application failures. As a result of these workshops, KiZAN will provide recommendations and show the potential ROI of suggested enhancements.

Following the workshop, a backlog of enhancements will be created and implemented within an agile sprint-based framework. Two-week sprints are anticipated for each of the following:

- Monitoring and alerting enhancements
- Response and disaster recovery enhancements
- CI/CD enhancements
- A second round of simulated failures and stress tests
- Documentation and recommendations

Common Application Concerns

We have an ineffective or non-existent disaster recovery plan.

We have outages with unknown causes.

We lack the appropriate level of alerting.

We have environmental drift.

Our releases are not reliable or self-healing.

Deliverables

▶ Reliability analysis workshop
▶ Design and implementation of:
  - Monitoring and alerting enhancements
  - Event response and disaster recovery enhancements
  - Deployment (CI/CD) enhancements
▶ Validation of reliability enhancements
▶ Next step recommendations

Call for additional information

KiZAN Technologies
www.kizan.com