

Helium Service Description

Overview: Helium is a cutting-edge SaaS solution designed to optimize and secure your Azure environment through advanced integration services. Helium continuously scans your Azure resources, evaluating each one based on multiple critical categories, including security, best practices, maintainability, logging and alarms, and runtime performance. This comprehensive evaluation is done swiftly, providing actionable insights and recommendations to ensure your resources are not just compliant but optimized for peak performance.

Key Features:

- **Comprehensive Resource Evaluation:** Helium uses a robust level system to evaluate each Azure resource. Levels range from 0 to 5, with 5 being the highest, indicating top-tier security and optimization. Evaluations are based on expert findings, Microsoft recommendations, and industry best practices.
- **Category-Specific Checks:** Resources are scrutinized across several categories:
 - **Security:** Ensuring your resources are fortified against potential threats.
 - **Best Practices:** Aligning your resources with the latest and most effective operational standards.
 - **Maintainability:** Evaluating how easily your resources can be managed and updated.
 - **Logging and Alarms:** Ensuring proper logging and alerting mechanisms are in place for quick issue resolution.
 - **Runtime Performance:** Assessing the efficiency and performance of your resources during operation.
- **Actionable Recommendations:** Helium doesn't just point out issues—it provides prioritized recommendations on what needs to be fixed first, aggregating data across multiple resource types to give you clear, actionable steps.
- **Environment-Wide Insights:** Beyond individual resource evaluations, Helium offers a holistic view of your entire Azure environment, tracking key settings and configurations such as TLS versions, static key usage, and more. This allows you to monitor progress and ensure critical issues are addressed across the board.
- **Continuous Scanning and Rapid Analysis:** Unlike manual reviews, which are time-consuming and error-prone, Helium scans thousands of resources within minutes. This continuous monitoring ensures that your environment is always up-to-date with the latest security and performance standards.

Target Audience:

- **Developers:** Helium is an invaluable tool during the development process, providing clear guidance to fix issues, improve resource levels, and ensure best practices are followed from the outset.

- **Managers:** Helium offers managers a comprehensive overview of the environment's status, highlighting areas of concern and tracking progress over time. This enables informed decision-making and ensures that teams are aligned on priorities.

Unique Value Proposition: Helium transforms the way you manage and secure your Azure environment. By automating the evaluation process and providing tailored recommendations, Helium saves you countless hours, reduces the risk of human error, and ensures your resources are not just compliant but optimized. With Helium, you get deep insights into your environment's health and security, allowing you to proactively address issues and continuously improve your infrastructure.