Kickstarting GitHub Governance: Guide and Implementation

Project, Workshops, Sessions | Remote or Onsite | Level 300

Description

The primary objective of this project is to help organizations efficiently handle GitHub and its repositories. By leveraging GitHub's features and expanding its capabilities, the project aims to provide a simplified solution for managing GitHub installation, users, and repositories. Our focus will be on arranging and adjusting GitHub to ensure a smooth structure for repository setup and creation processes.

1. **Discovery**:

   In this phase, we will collaboratively analyse your requirements and translate those into GitHub capabilities. The goal is to determine the most suitable strategy for managing GitHub and enforcing certain ways of working within the platform.

2. **Insight**:

   This phase focuses on training. We will conduct informative sessions that cover GitHub how the suggested setup will work and benefits of the process. These sessions will address various aspects of GitHub, including perspectives from administrators, developers, and security/risk professionals.

3. **Best Practices Implementation**:

   In this phase, we will implement the chosen compliance model in GitHub.

This approach ensures a comprehensive understanding and effective implementation of compliance and governance in GitHub for your organization.

Intended Audience

The recommended audience: - Customers who have recently purchased GitHub - Team Leads - DevOps Teams - Engineering Managers – Security specialists – GRC specialists.

Objectives

Centralized Management

Based on your organization's security, permission requirements, and existing practices, we will recommend the optimal GitHub setup. This setup will simplify maintenance, enhance security, and remain user-friendly for developers. This approach simplifies managing tasks, documentation, and communication related to governance, security risk assessment, and compliance efforts.

Customizable Workflows

Our delivery will be customized to suit the distinct requirements of each organization. We can design individualized workflows, templates, and integrations that match the specific needs of various industries and projects. Utilizing the issue-ops method, we will guarantee that every repository is linked with the appropriate cost center, project, or other categorization necessities within your organization. This monitoring can also extend to cover each repository within CMDB

Collaborative Workflow

Our solution will facilitate team collaboration through a ticketing system. We can propose and implement a solution that makes linking Jira Issues or Azure DevOps Work Items mandatory. This ensures traceability between requirements and implementation.

Application Security Risk Tracking and Mitigation Process:

Integrating with GitHub Advanced Security will enable teams to identify, assess, and manage security risks more effectively. We will guide you in understanding the security capabilities of GitHub Advanced Security and recommend processes to comprehend application security risks at the organizational level.

Compliance:

This project assists organizations in ensuring compliance with relevant processes. It involves creating repositories with additional metadata and configuring them in specific ways. We can implement processes where specific roles are required to approve changes to repository security configuration.

Logs and Metrics for compliance and billing:

We will assist you in reviewing available audit logs and tracking feature usage within GitHub to ensure transparency in operations. With this process in place, you can bill costs according to the relevant cost centers.

Training and Support:

In addition to implementation, we will provide training sessions to help teams fully utilize GitHub's capabilities.

Outcomes

After completing this fast-track, organization will be able to:

- Roll out an efficient GitHub governance process.
- Use GitHub effectively within the Enterprise.
- Have access to additional metadata required and saved for all new Repositories
- Have relevant teams be trained and made aware of GitHub compliance features.

Methodology

- Sessions
- Demos
- Labs
- Hands-on enablement
- Q&A

Time commitment options

- Delivered over 1-2 months. This period may be extended based on the complexity and size of the organization.

Pre-requisites

- Project stakeholders identified.
- Identification of a pilot team.
- Sufficient permission for the team members to set up and implement governance processes in GitHub.

Price for the full project including workshops and training

40 000 USD

Primary Contact

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