

InfoMagnus x GitHub Workshops Course Guide.

Non-Developer | Developer | Admin | Actions | Migrations | API | GHAS | Copilot

Welcome to the InfoMagnus x GitHub Workshop Guide.

As a distinguished GitHub advanced partner, our workshops provide expert training for individuals utilizing Git or GitHub. Whether you're a junior or experienced developer, a non-developer, manager, system admin, documentation writer, or in another role, our tailored training is designed to meet the specific needs of your organization.

Our instructors, who also serve as consultants, bring valuable real-world experience to your training, ensuring practical insights and hands-on knowledge transfer. Drawing on InfoMagnus' extensive experience, having trained over 7500 GitHub users, our workshops offer a wealth of knowledge to enhance your proficiency in Git and GitHub.

We've trained and consulted some of the world's leading companies.





GitHub for Non-Developers

Having diverse skill sets and roles within a team leads to successful outcomes for an organization.

Our two-day hands-on training for “GitHub for Non-Developers” course focuses on teaching those that do not develop software for a living gain confidence to speak the language of GitHub, while teaching the basics on how to leverage the platform to improve their own work.

Target Audience

- Those who work with developers
- Documentation
- Quality assurance

Delivery Method

- **Delivery Method:** Microsoft Teams Meeting
- **Delivery Environment:** Online class with live instructor and virtual slides displaying content.
- **Timezones Available:** United States, Global
- **Class Duration:** 6 hours (split into two, 3-hour meetings)
- **Participants:** Maximum 20

Prerequisites

- A user account on GitHub.com
- CircleCI and HeroKu accounts created
- Access to a browser other than Internet Explorer

Syllabus

This hands-on engagement covers a broad range of technical and collaboration practices.

Activities include configuring integrations with the GitHub Platform and mapping real-life workflows.

Though the technical knowledge may vary depending on a trainee's skill set as an individual learner, we will teach you how to collaborate effectively and show how work is done on GitHub by developers and non-developers alike.

Key Features and Benefits

In this workshop, we'll unlock the secrets of using GitHub not just as a version control system, but as a cornerstone for project management, content creation team collaboration and more.

- Introduction to GitHub for collaboration, version control, project management, and content management.
- Understand how every person fits into the bigger picture of software development.
- Increase transparency through collaboration best practices.
- Use GitHub to document everything from markdown meeting notes to software documentation on GitHub Pages.
- Introduction to the benefits of GitHub Platform capabilities, including DevOps, CI, and CD.

What You Will Learn

Discover how GitHub's versatile platform empowers every member of a software development team, enhancing transparency and streamlining workflows, while also exploring its expansive capabilities.

- How work gets done on GitHub:
 - Core concepts of version control.
 - GitHub issues and projects.
 - Working with branches.
 - Collaborating on pull requests.
 - Translate ideological models to real-world workflows.
- Repository ownership:
 - Administrative settings and protected branches.
- CI, CD, and software life-cycle on GitHub:
 - CircleCI, Heroku, and GitHub's open platform.
 - Heroku review apps.
 - Working with forks.
 - Interacting with integrations.
- **Documentation on GitHub:**
 - Why documentation?
 - Creating documentation.
 - Documentation on GitHub Pages.

Learning Outcomes

Uncover the secrets of seamless teamwork, harness the power of automation, and learn to document and share our ideas effectively.

- Collaborate on Git and GitHub.
- Leverage integrations and automation.
- Understand how work gets done on GitHub.
- Create documentation on GitHub Pages.



GitHub for Developers

With two days of hands-on, practical instruction from our GitHub experts, your team will come away confident in their ability to use Git and apply GitHub Flow to their existing projects.

They'll also be better equipped to handle common situations that come up when working in a distributed version control system.

And, perhaps most importantly, they'll learn how to collaborate more effectively to write better code.

Target Audience

- Developers
- Quality assurance
- Security personnel
- Project Managers

Delivery Method

- **Delivery Method:** Microsoft Teams Meeting
- **Delivery Environment:** Online class with live instructor and virtual slides displaying content.
- **Timezones Available:** United States, Global
- **Class Duration:** 6 hours (split into two, 3-hour meetings)
- **Participants:** Maximum 20

Prerequisites

- Have Git installed locally.
- Create an isolated GitHub account and do 1 successful pull request in preparation.

Syllabus

Participants can expect a challenging, hands-on learning experience with plenty of opportunities to ask questions and apply new concepts to their work.

Each day's content is built upon the previous day so it's important that all participants attend all training sessions.

Key Features and Benefits

Engage with a series of projects designed to refine your workflow, where the knowledge gained each day lays the foundation for the next, culminating in efficient and effective development practices.

- Make edits
- Create branches
- Merge pull requests
- Learn helpful Git commands
- Create local repositories
- Fix commits and more!

What You Will Learn

Through four comprehensive projects, students gain expertise from the basics to advanced techniques and more.

Project 1

- Introduction to Git and GitHub.
- GitHub Flow.
- Working locally.
- Git configurations.
- Git aliases.
- Collaborating in pull requests and issues.
- Branching with Git.
- Editing on GitHub.
- Merging pull requests.

Project 2

- Understanding of how merge conflicts happen.
- Resolving merge conflicts both on GitHub and on the command line.

Project 3

- Understanding workflows.
- Protected branches.
- Git bisect.
- Helpful Git commands.
- Atomic commits.
- Reverting commits.
- Viewing local changes.
- Tags and releases.

Project 4

- Creating local repositories.
- Fixing commits.
- Git reset.
- Cherry picking.
- Git reflog.
- Merge strategies and more.

Learning Outcomes

Absorb the essence of fluid collaboration and problem-solving in the development space, with the skills to navigate and utilize the GitHub platform to its full potential.

- Apply the GitHub Flow.
- Collaborate effectively.
- Maximize Git and GitHub.
- Troubleshoot common issues.



GitHub Actions

Our Actions training allows teams to begin leveraging GitHub Actions in their own projects, while highlighting its core functionalities across a multitude of use cases, including: CI, CD, administrative tasks, project management, and more.

We give teams ample time to engage with our GitHub Actions experts through presentation and demos and Q&A sessions.

When training is finished, teams will understand how to automate their own workflows and understand key concepts like workflow syntax, secrets management, runners, how to build custom actions, and best practices.

Target Audience

- Developers
- Team Leads
- DevOps Teams
- Engineering Managers

Delivery Method

- **Delivery Method:** Microsoft Teams Meeting
- **Delivery Environment:** Online class with live instructor and virtual slides displaying content.
- **Timezones Available:** United States, Global
- **Class Duration:** 6 hours (split into two, 3-hour meetings)
- **Participants:** Maximum 20

Prerequisites

- A user account on GitHub.com
- Basic understanding of DevOps practices and processes (specifically Continuous Integration and Continuous Delivery/Deployment).
- Basic knowledge of Git and GitHub platform.

Syllabus

Our training is structured as a mix between presentations, demos, and Q&A.

We start by exploring the basics of GitHub Actions, what it's generally used for as well as some examples on how people have employed it within their own projects or teams.

Key Features and Benefits

Gain a comprehensive grasp of automation within GitHub, as this segment of the workshop will enlighten you on the architecture and intricacies of GitHub Actions, paving the way for advanced CI/CD practices and streamlined deployment processes.

- Understand the key components of GitHub Actions.
- Improve the developer experience.
- Reduce time spent on manual tasks.
- Learn how to use GitHub Actions to solve common use cases.
- Learn how to leverage actions built by the community.
- Explore how GitHub Actions can benefit your own projects.
- Understand how to apply best practices.

What You Will Learn

Participants will learn the art and science of automating your development processes and setting the stage for a sophisticated CI/CD pipeline, including:

- GitHub Actions workflow fundamentals.
- YAML and workflow syntax.
- Authoring workflows.
- Understand and author GitHub Actions.
- Building workflows for CI/CD.
- Secrets and Environments.
- Using and managing runners.
- Administrative features and policies.
- Sharing actions and workflows.

Learning Outcomes

- Understand basic components and vocabulary of GitHub Actions.
- Understand YAML syntax (scalar types, quotes, literal blocks, maps, and sequences).
- Understand the workflow syntax and how to write workflows.
- Understand events that can trigger workflows.
- Learn the context and expression syntax and workflow commands.
- Know the different types of actions and how to create/publish them.
- Understand the different hosting options for runners.
- Use secrets and environments for staged deployments.
- Workflow templates and reusable workflows.



GitHub Admin (Enterprise Server or Cloud)

Prepare your GitHub Enterprise Cloud Administrators to maintain a healthy GitHub environment that supports the needs of your development team.

GitHub Admin Training provides your admins with an in-depth understanding of the various options and customizations available on the GitHub platform.

Once the basics are mastered, the training will explore opportunities to extend the platform to accommodate the most demanding workflows.

Target Audience

- GitHub Administrators.
- Security personnel and Dev leads may also be interested in some components.

Delivery Method

- **Delivery Method:** Microsoft Teams Meeting
- **Delivery Environment:** Online class with live instructor and virtual slides displaying content.
- **Timezones Available:** United States, Global
- **Class Duration:** 6 hours (split into two, 3-hour meetings)
- **Participants:** Maximum 20

Prerequisites

- Provision the GitHub Enterprise Cloud organization you will be using.
- All users with accounts and access for GitHub.com.
- Ensure all attendees will have administrator access.
- Designated administrator to share their screen.

Syllabus

Attendees will engage in an immersive blend of theoretical instruction and practical exercises designed to foster proficiency and self-assurance in navigating the GitHub Enterprise Cloud environment.

Key Features and Benefits

We guide participants through customizing and optimizing their GitHub setup, ensuring that it aligns with their organizational objectives and enhances the development workflow, while also providing insights into performance metrics and security audits within GitHub Enterprise.

- Properly configure your GitHub account to meet your organization's needs.
- Improve the developer experience by selecting appropriate organization settings.
- Identify the recommended options and configurations to reach your desired outcomes.
- Enable protected branches, issues, GitHub Pages and more.
- Demonstrate daily and advanced user behavior on GitHub.
- Locate metrics from your GitHub Enterprise organization.
- Audit critical activities performed on your GitHub Enterprise Cloud account.

What You Will Learn

- **Working on GitHub:**
 - Repository permissions and settings.
 - GitHub Pages.
 - Create branches and Pull Requests.
 - Configure protected branches.
 - Configure required status checks.
- **GitHub Enterprise site administration:**
 - Audit account activities.
 - Select repository and organization settings.
 - Administer users.
 - Manage dormant users.
 - Organizations and team.
- **Advanced user behavior and administration:**
 - Unhealthy repositories.
 - Changing history with Git.
- **Security in the cloud:**
 - Security alerts.
 - User privacy.
 - Licenses.
 - GitHub Marketplace.
 - Integrations.
- **The GitHub API:**
 - Introduction to the GitHub API.
 - Compare REST API and GraphQL.
 - Integrate tests and results using the Status API.
 - Deploy with GitHub.
 - Using webhooks.
 - Scripts and automation.

Learning Outcomes

Uncover the secrets of seamless teamwork, harness the power of automation, and learn to document and share ideas effectively.

- Administer GitHub Enterprise Cloud
- Configure permissions for users and teams
- Leverage GitHub features to improve workflows
- Audit critical activities
- Identify and correct unhealthy user behavior



GitHub Copilot for Business Fundamentals

GitHub Copilot serves as an AI pair programmer, enhancing your coding efficiency by providing rapid suggestions for individual lines and entire functions, drawing insights from both comments and existing code.

This course, led by InfoMagnus accredited experts, aims to empower your team with a comprehensive understanding of GitHub Copilot's core features, business advantages, governance and controls, future roadmap, and commonly asked questions.

Target Audience

- Developers
- Team Leads
- Development Leaders
- Project Managers

Delivery Method

- **Delivery Method:** Microsoft Teams Meeting
- **Delivery Environment:** Online class with live instructor and virtual slides displaying content.
- **Timezones Available:** United States
- **Participants:** Maximum 20

Prerequisites

- GitHub Enterprise Cloud Account.
- GitHub Copilot Enabled.
- Visual Studio Code, Visual Studio, Neovim, and the JetBrains suite of integrated development environments (IDEs).
- GitHub Copilot extension installed on the IDE.

Syllabus

In this comprehensive workshop, participants will discover how GitHub Copilot transforms the coding experience, enhancing efficiency, code quality, and developer workflow.

This training is designed to elevate the overall developer experience, minimizing context switching and maximizing productive coding time.

Key Features and Benefits

Discover how the innovative integration of GitHub Copilot into the development cycle can transform the way your team approaches coding, from streamlining the creation process to enhancing code standards and simplifying the onboarding of new talent.

- **Increase Efficiency:** With the help of GitHub Copilot, developers can write code more quickly and efficiently.
- **Improve Code Quality:** GitHub Copilot can suggest code snippets and offer guidance on best practices.
- **Reduce Workload:** GitHub Copilot can automate repetitive tasks, freeing up developers to work on more important tasks.
- **Easier Onboarding:** When new developers join a team, it can be sometimes challenging for them to get up to speed on the codebase.

What You Will Learn

Unveil the potential of GitHub Copilot in your development workflow, as it brings a new level of support to coding practices, enhancing productivity, code excellence, and team scalability.

- **Increase Efficiency:** With the help of GitHub Copilot, developers can write code more quickly and efficiently.
- **Improve Code Quality:** GitHub Copilot can suggest code snippets and offer guidance on best practices.
- **Reduce Workload:** GitHub Copilot can automate repetitive tasks, freeing up developers to work on more important tasks.
- **Easier Onboarding:** When new developers join a team, it can be sometimes challenging for them to get up to speed on the codebase.

Learning Outcomes

After completing this training, learners will be able to:

- Understand the benefits and how to start using GitHub Copilot.
- Understand how to write code faster.
- Stay in the development flow longer for the solution.
- Focus on the Business use case and Problem Statement.

After this engagement, your team will be able to:

- Reduce time spent on repetitive tasks.
- Reduce time spent on boilerplates.
- Limit context switching between different tools.
- Improve the developer experience.



Standard Migration Workshop

This workshop centers on the accurate and efficient migration of Version Control System (VCS) data to your Enterprise platform account. Drawing on InfoMagnus' extensive experience in migration efforts, our GitHub experts lead this in-depth 3-day, 9-hour session, providing valuable guidance and best practices.

Post-workshop reoccurring office hours are designed to help keep the conversation and the progress moving forward. 8 hours are typical, but office hours can be added in any quantity to ensure your team has the support it needs for success.

Target Audience

- VCS Admins
- GitHub Enterprise Admins
- DevOps Engineers

Delivery Method

- **Delivery Method:** Microsoft Teams Meeting
- **Delivery Environment:** Online class with live instructor and virtual slides displaying content.
- **Timezones Available:** United States, Global
- **Class Duration:** 9 hours (split into three, 3-hour meetings)
- **Participants:** Maximum 20

Prerequisites

- An SSH client.
- Git 2.7 or greater.
- Ensure every employee has a GitHub Enterprise Server account.

Syllabus

Our transformative three-day workshop led by InfoMagnus' GitHub experts, designed to streamline the migration of VCS data to your Enterprise platform.

This intensive session combines expert-led guidance with practical, post-workshop support, ensuring your team is equipped with the knowledge and tools needed for successful VCS to Git migrations.

Key Features and Benefits

Our experts provide insights into various migration scenarios, offering tailored advice and creating comprehensive playbooks for efficient, future migrations.

- The Standard Migration scopes supported for this engagement are VCS sources listed below:
 - GitHub (pre-existing versions of supported GitHub instances).
 - GitLab
 - BitBucket
- Examine migration scenarios and best practices.
- Expert advice on approaches for source VCS to Git migration.
- Crafting of repeatable playbooks, enabling future self-serve migrations.

**Note: Non listed VCS are treated as third-party sources and are not supported via our Standard Migration Engagement.*

What You Will Learn

In this workshop, participants will gain hands-on experience in the entire spectrum of VCS to Git migration processes. From documentation strategies and branch cleanup to history trimming and dry-runs, learners will be equipped with the skills to execute migrations seamlessly.

- Documentation of migration process and considerations.
- Clean up of large binaries.
- Consolidation, clean up of branches.
- Version control history trimming.
- Review source VCS to Git migration utilities.
- Aid in source VCS to Git history migration dry-runs.
- Crafting of repeatable playbooks, enabling future self-serve migrations.

Learning Outcomes

Upon completing this engagement, teams will emerge with a robust understanding of migration strategy formulation, repository preparation for Git, execution of migration dry-runs, and the ability to support actual production migrations, paving the way for smooth and efficient transitions to Git.

- Create migration strategy.
- Prepare repositories for Git.
- Complete migration dry runs.
- Support production migrations.



GitHub API Training

In this hands-on session, participants gain direct access to program content typically navigated through a user interface. With InfoMagnus expertise, GitHub's Application Programming Interface (API) becomes a powerful tool for extending the platform, accommodating various modern workflows, and facilitating easy retrieval of necessary data.

Target Audience

- DevOps
- Developers
- GitHub Administrators

Delivery Method

- **Delivery Method:** Microsoft Teams Meeting
- **Delivery Environment:** Online class with live instructor and virtual slides displaying content.
- **Timezones Available:** United States, Global
- **Class Duration:** 6 hours (split into two, 3-hour meetings)
- **Participants:** Maximum 20

Prerequisites

- Access to GitHub.com

Syllabus

Dive into the world of GitHub's APIs in this hands-on session by InfoMagnus, where participants gain the skills to utilize GitHub's interface programming capabilities for enhancing platform functionality.

This workshop offers a deep dive into the practical use of GitHub's REST and GraphQL APIs, empowering attendees to tailor the platform to their unique workflow requirements.

Key Features and Benefits

Unlock the full potential of GitHub's API in this comprehensive training, designed to equip users with the knowledge to effectively utilize Octokit and other third-party libraries, test GitHub Apps and Webhooks, and build integrations with expert support.

This workshop is a gateway to mastering the art of data manipulation and extension on GitHub.

- Enables users to send and retrieve data using the GitHub API.
- Explores Octokit and third party libraries.
- Tests GitHub Apps and Webhooks.
- Builds a sample integration with support from an expert.

What You Will Learn

From API basics to advanced integration techniques, this training provides a thorough understanding of GitHub's API functionalities.

Participants will learn to navigate GitHub's extensive API documentation, experiment with webhook events, understand various authentication methods, and build their first custom integration under the guidance of our experienced Implementation Engineers.

- Walkthrough of GitHub API documentation and example resources.
- Review API examples and explore real-world use cases.
- Authentication mechanisms and best practices.
- Use of GitHub admin, organization, and repository Webhooks.
- Work with GitHub Apps.

Learning Outcomes

By the end of this training, learners will be proficient in discovering and implementing effective API use cases, interacting with GitHub through REST or GraphQL, ensuring secure authentication, and extending GitHub's capabilities with their own API projects.

- Discover productive API use cases.
- Interact with GitHub using REST or GraphQL.
- Implement secure authentication.
- Extend GitHub with your API project.



GitHub Implementation (Enterprise Server or Cloud)

In this uniquely tailored session, participants receive personalized guidance to configure and manage their GitHub account effectively.

Specifically designed for Admin users, this session is often a seamless continuation following the GitHub Admin workshop. Drawing on InfoMagnus' experience in implementing such configurations, users gain valuable insights and skills for optimal GitHub account administration.

Target Audience

- GitHub Enterprise Cloud or Server Admins
- DevOps Engineers

Delivery Method

- **Delivery Method:** Microsoft Teams Meeting
- **Delivery Environment:** Online class with live instructor and virtual slides displaying content.
- **Timezones Available:** United States, Global
- **Class Duration:** 3 hours
- **Participants:** Maximum 20

Prerequisites

- Every employee has a GitHub account.
- Billing is set up for the correct number of seats.
- Obtain configuration information for SAML services.

Syllabus

In this tailored consulting engagement, our implementation experts lead hands-on activities in the GitHub Enterprise Cloud environment, empowering teams with the knowledge to create and manage their GitHub organization.

Key topics include setting up cloud organizations, configuring security policies, understanding best practices for user and team management, and leveraging GitHub Pages and Webhooks for integrations.

Key Features and Benefits

Focused on ensuring the most effective use of GitHub for your organization, this workshop covers everything from basic configuration to advanced security and team success strategies.

Participants will learn to tailor their GitHub accounts to meet specific organizational needs, ensuring robust authentication and security, and establishing practices vital for team collaboration and success.

- Configures GitHub account.
- Ensures authentication and security needs are met.
- Instills essential practices that lead to team success.

What You Will Learn

In this tailored consulting engagement, our implementation experts lead hands-on activities in the GitHub Enterprise Cloud environment, empowering teams with the knowledge to create and manage their GitHub organization.

Key topics include setting up cloud organizations, configuring security policies, understanding best practices for user and team management, and leveraging GitHub Pages and Webhooks for integrations.

- Creating your business' cloud organization on GitHub.com.
- Configuring security policies (SAML, 2FA, permissions, etc).
- Inviting each employee to the organization.
- Reviewing essential best practices for users and teams.
- Leveraging GitHub Pages.
- Leveraging repository and organization Webhooks for integrations.

Learning Outcomes

Upon completion of this session, teams will be equipped to effectively manage their GitHub Enterprise Cloud accounts, enforce security policies, and create team structures that enhance collaboration.

- Discover productive API use cases.
- Interact with GitHub using REST or GraphQL.
- Implement secure authentication.
- Extend GitHub with your API project.



GitHub Workflow Consultation

In this course, users master the GitHub workflow—a recommended framework for collaborative software development when using GitHub. Key steps include branching, commits, and pull requests for effective code review and discussion.

The training, guided by InfoMagnus experts, focuses on optimizing workflows for efficient branching and release management strategies. Participants learn to evaluate, implement, document, and design solutions tailored to GitHub's collaborative features, emphasizing code review, continuous integration, and seamless merging for successful development.

Target Audience

- Team Leads
- Developers
- DevOps Engineer
- GitHub Administrators

Delivery Method

- **Delivery Method:** Microsoft Teams Meeting
- **Delivery Environment:** Online class with live instructor and virtual slides displaying content.
- **Timezones Available:** United States, Global
- **Class Duration:** 3 hours
- **Participants:** Maximum 20

Prerequisites

- Access for all participants to a single GitHub organization suitable for practice.
- One participant must have admin access to the organization.
- One participant should have admin access to other tools in existing deployment landscape.

Syllabus

Designed for teams of all sizes, this hands-on consultation covers everything from branching strategies to release management in GitHub.

Attendees will explore adapting GitHub flow best practices, branch protection, workflow mapping, automation, API extensions, and testing adapted workflows.

Key Features and Benefits

This training teaches best practices in GitHub workflows, helps minimize and resolve merge conflicts, assesses and improves team workflows, and introduces branch protections and automation techniques, including GitHub Actions and webhooks, to streamline software development and deployment.

- Demonstrates how collaborative tools of GitHub make for a better software delivery experience.
- Teaches users how to apply best practices in GitHub workflows.
- Minimizes and resolves merge conflicts.
- Assesses current team workflows and maps recommended new approaches.
- Creates and customizes branch protections to guide users through change management.
- Leverages GitHub Actions and Webhooks to improve workflow and automation.
- Evaluates industry options available for building, validating, and deploying code.

What You Will Learn

• Branching Strategy

- Implement and adapt GitHub flow best practices to meet specific needs.
- Revert changes using Pull Requests.
- Identify branch protection capabilities and strong security practices.
- Map current workflow.
- Determine specific constraints and requirements of workflow.
- Identify automation to improve developer experience.
- Explore GitHub's API to extend capabilities.
- Test the adapted workflow.
- Discover resources for extended learning.
- Identify next steps for quick wins.
- Evaluate tools and integrations for software delivery.
- Leverage tags and release features.

• Release Strategy

- Demonstrate highly functioning GitHub workflow integrated into a DevOps Pipeline.
- Establish terminology and identify standard capabilities of a mature release cycle.
- Learn different approaches to testing and validation.
- Understand GitHub event types and payloads.
- Learn best practices when using Git tags and GitHub releases.
- Receive an introduction to containers and GitHub Actions.
- Integrate with artifact management, lifecycle, and storage solutions.
- Standardize and automate release documentation.

Learning Outcomes

Teams will master best practices, automation, branching strategies, deployment processes, and GitHub API use for efficient testing and documentation.

- Implement industry standards/best practices.
- Work more collaboratively with automation and smarter configurations.
- Identify branching strategies and protections for your projects.
- Define a process for deploying to production.
- Navigate the GitHub API to test, deploy, and document code.



GitHub Advanced Security (GHAS)

Explore our selection of Advanced Security workshops, tailored to meet your team's specific needs and interests. Whether you're looking for an accelerated one-week program or a more spread-out two-week schedule, our bundled courses cover everything from GHAS rollout and deployment to specialized training for security teams and developers.

With our expert-led sessions, your team will gain hands-on experience and insights, ensuring effective use and implementation of GitHub Advanced Security in your organization.

Target Audience

- Team Leads
- Developers
- DevOps Engineer
- GitHub Administrators

Delivery Method

- **Delivery Method:** Microsoft Teams Meeting
- **Delivery Environment:** Online class with live instructor and virtual slides displaying content.
- **Timezones Available:** United States
- **Participants:** Maximum 20

Prerequisites

- GHAS Enabled in customer GitHub tenant.
- Identification of pilot teams and licenses for all pilot team members.

Syllabus

Pick and choose Advanced Security workshops specific to your teams interests.

A getting Started bundled includes all courses – can be completed as an accelerated version in one week, or completed as a single workshop a day completing all classes in two weeks (including advisory hours).

Key Features and Benefits

These workshops offer practical guidance on deployment, best practices for security implementation, and strategies to accelerate adoption, ensuring your team effectively leverages GitHub Advanced Security to its fullest potential.

- Provide targeted training for key stakeholders (security teams, developers, build & infrastructure teams) to raise awareness and understanding, and help them use GitHub Advanced Security effectively.
- Hands-on guidance for enabling a key pilot team, remediating problems and providing a blueprint for further deployment.
- Learn and apply best practices for deploying GitHub Advanced Security in your organization.
- Work with a GHAS expert to develop a comprehensive rollout and deployment plan.
- Accelerate adoption of Advanced Security within your organization.
- Avoid common pitfalls and problems.

Learning Modules

From the initial rollout and deployment to specialized training for security teams and developers, our modules cover a broad spectrum of GHAS functionalities. Choose individual sessions to target specific needs or opt for the bundled package for a holistic training experience.

- GHAS Rollout & Deployment (2 hrs).
- GHAS Security Team Training (2 hrs).
- GHAS Developer Training (2 hrs).
- GHAS Pilot Team Implementation (2 x 2 Hours) (4 hrs total).
- GHAS Security Results Review (2 hrs).
- GHAS Security Advisory Services.

Learning Outcomes

Enhance your team's security expertise with our focused GitHub Advanced Security modules.

- Comprehensive understanding of GHAS features.
- Effective rollout and deployment skills.
- Enhanced security team expertise.
- Developer proficiency in GHAS utilization.
- Strategic implementation for pilot teams.
- Skill in interpreting and acting on security results.

Microsoft Solutions Partner

InfoMagnus proudly holds the distinguished designation of a Microsoft Solutions Partner, a recognition of our expertise and innovation in three critical areas: Digital and App Innovation, Data & AI Azure and DevOps with GitHub on Microsoft Azure.

This achievement underscores our commitment to delivering cutting-edge solutions and harnessing the power of Microsoft technologies to drive digital transformation and intelligent data management for our clients.



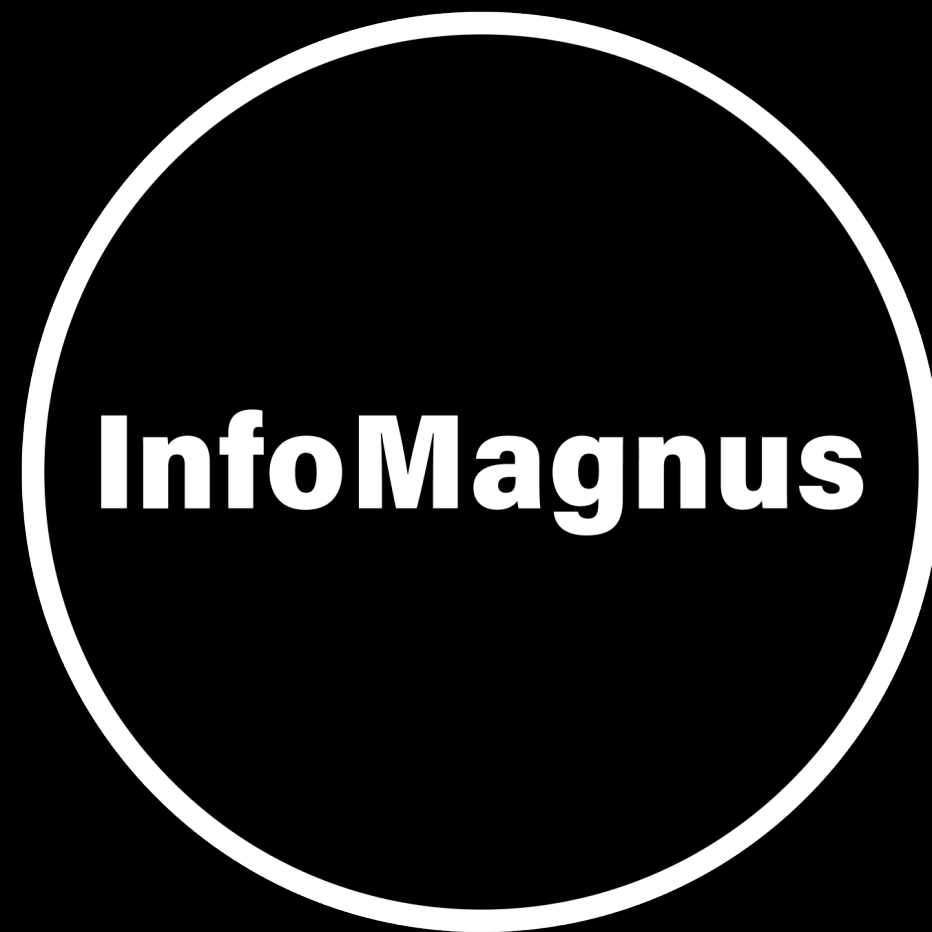
DevOps with GitHub on
Microsoft Azure



Data & AI
Azure



Digital & App Innovation
Azure



© 2024 InfoMagnus