

MICROSOFT OFFICIAL CURRICULUM

Microsoft

GitHub Administration

GH-100

Candidates for this exam should have experience administering GitHub Enterprise environments, including user identity and access management, GitHub Actions, enterprise-level governance, and the administration of features that support secure software development (such as GitHub Advanced Security).

Software Dev

Intermediate

Github

DURATION

1 day

LEVEL

Intermediate

FORMAT

Virtual, On-site, or Hybrid

CERTIFICATION

GitHub Administration

AUDIENCE PROFILE

Built for these roles

This course is intended for students who want to understand and GitHub best practices. You will understand the fundamental features of GitHub, learn about repository management, gain an understanding of the GitHub flow, including branches, commits, and pull requests. Additionally, you will explore the collaborative features of GitHub by reviewing issues and discussions and be able to manage your GitHub notifications and subscriptions.

OVERVIEW

Executive overview

In this course, you'll learn the basics of GitHub and gain a better understanding of its fundamental features with a hands-on exercise all within a GitHub repository. You'll learn best practices for building, hosting, and maintaining a secure repository on GitHub.

PROGRAM OUTCOMES

Capabilities your teams will gain

- Domain 1: Manage GitHub Identities and Access (15-20%)
- Domain 2: Administer GitHub Enterprise Environment (10-15%)
- Domain 3: Implement Secure Software Development and Compliance (25-30%)
- Domain 4: Manage GitHub Actions (20-25%)

TRAINING PROVIDER


VNode ITeS

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vnodeites.com

[linkedin.com/company/vnodeites](https://www.linkedin.com/company/vnodeites)

TALK TO US

 info@vnodeites.com

 +91 9419 11 4792

 WhatsApp · +91 9419 11 4792

 +91 7780 81 1685

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DLF Cyber City, Gurugram

Haryana — India

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ENTERPRISE CUSTOMIZATION

Enterprise customization

Tailor this program to your organization's priorities: Builds current Microsoft credential readiness for GitHub Administration using the official Microsoft Learn skill outline.

Customization options

- Align labs to your Microsoft tenant and workload scenarios
- Add readiness checks and exam preparation reviews
- Extend delivery with role-specific implementation workshops

CURRICULUM

Curriculum roadmap

1

MODULE 1

GitHub fundamentals - Administration basics and product features Part 1 of 2

In this learning path, learn the basics of GitHub administration and discover the products that GitHub offers. This is the first learning path in a two part series.

- Introduction to GitHub
- Introduction to GitHub administration
- Introduction to GitHub's products
- Maintain a secure repository by using GitHub best practices

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MODULE 2

GitHub fundamentals - Administration basics and product features Part 2 of 2

In this learning path, learn the basics of GitHub administration and discover the products that GitHub offers. This is the second learning path in a two part series.

- Manage sensitive data and security policies within GitHub
- Authenticate and authorize user identities on GitHub
- GitHub administration for enterprise support and adoption
- Manage GitHub Actions in the enterprise
- Leverage GitHub Actions to publish to GitHub Packages

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-  info@vnodeites.com
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PROGRAM BRIEF

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PRIVATE DELIVERY

Plan a private cohort for your team

Scope delivery format, role mix, and rollout timeline with our solutions team.





Plan Private Delivery

Book advisory call

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