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NEW QUESTION: 1

Where can a user manually link a pull request to an issue?

- A. in the description of the issue
- B. in the right sidebar of the pull request, under " Development "
- C. in the right sidebar of the pull request, under " Assignees "
- D. in the comment section of the issue

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 2

You need to identify how GitHub Desktop differs from github.com.

Which statement correctly describes GitHub Desktop?

- A. It is available only on Windows operating systems.
- B. It replaces the need to use github.com for repository and workflow management.
- C. It is a self-hosted version of GitHub that runs on a local machine.
- D. It provides a graphical user interface for managing local Git repositories.
- E. It enables native integration with Microsoft Office applications.

Answer: ([SHOW ANSWER](#))

GitHub Desktop is a local desktop application that provides a graphical user interface for common Git operations. Instead of using the command line, users can clone repositories, create branches, commit changes, view diffs, and push or pull changes through a visual interface. It does not replace github.com because many collaboration features, such as repository settings, advanced pull request review, issues, discussions, organizations, and security administration, are still handled through GitHub.com. GitHub Desktop is also not a self-hosted GitHub server and is not limited only to Windows, because it is available for both Windows and macOS. Its main purpose is to simplify local Git repository management for users who prefer a GUI over command-line Git.

NEW QUESTION: 3

What are three valid states for a file in a git repository?

(Each correct answer presents part of the solution. Choose three.)

- A. Committed
- B. Modified
- C. Uncommitted
- D. Staged
- E. Tracked

Answer: ([SHOW ANSWER](#))

In a Git repository, a file can be in one of the following three valid states:

* Committed : The file is saved in the local repository. It is part of the permanent history of the project.

* Modified : The file has been changed but not yet staged or committed. It is in the working directory.

* Staged : The file has been marked to be included in the next commit. It is in the staging area, ready to be committed.

These states represent the typical lifecycle of a file as it moves through the process of being edited, reviewed, and saved in Git.

NEW QUESTION: 4

Which three of the following can be configured in a dev container for a GitHub Codespace? Each answer presents a complete solution.

- A. The default region for Codespace data storage
- B. Shell preferences and scripts using dotfiles
- C. The inactivity timeout period for the Codespace
- D. Extensions and plugins for the development environment
- E. Programming languages and tools required for the project

Answer: ([SHOW ANSWER](#))

A dev container defines the development environment for a GitHub Codespace. It allows a repository to specify tools, runtimes, dependencies, extensions, and setup behavior so contributors get a consistent workspace. Programming languages and project tools can be installed through the container configuration, making onboarding faster and reducing environment differences between developers.

Extensions and plugins can also be included so the editor has the right support for the project.

Shell preferences and scripts can be configured through dotfiles, helping users personalize terminal behavior and setup steps. The default region for Codespace data storage and the inactivity timeout period are not configured inside the dev container. Those are controlled through Codespaces account, organization, or service-level settings.

NEW QUESTION: 5

As a user, which of the following default labels is used to indicate that a maintainer needs assistance on an issue or pull request?

- A. Enhancement
- B. Question
- C. Help wanted
- D. Documentation

Answer: ([SHOW ANSWER](#))

In GitHub, labels are used to categorize issues and pull requests, and certain default labels are provided to help manage tasks:

* Help Wanted Label:

* Option C is correct. The " Help wanted " label is used to indicate that the maintainer of the repository needs assistance on a particular issue or pull request. This label helps in attracting contributors who might be interested in helping with specific tasks.

* Other Options:

* Option A (" Enhancement ") is incorrect because it indicates a request for a new feature or improvement rather than a call for help.

* Option B (" Question ") is incorrect because it is used to flag issues or pull requests that seek clarification or additional information, not necessarily requiring assistance.

* Option D (" Documentation ") is incorrect because it labels issues or PRs related to documentation, not for seeking help.

References:

GitHub Docs: Using Labels

NEW QUESTION: 6

Which mechanisms can you use to personalize Codespaces for your account? (Each correct answer presents part of the solution. Choose two.)

- A. operating system
- B. settings sync
- C. devcontainer
- D. branch protections
- E. dotfiles
- F. IDE plug-ins

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 7

What should be done to locate an existing action that was provided by a GitHub-approved vendor?

(Each correct answer presents part of the solution. Choose two.)

- A. Create a new workflow file.
- B. Search the vendor's website for a github.yaml index.
- C. Confirm that the action has a verification badge.
- D. Install the GitHub App that was provided by the vendor.
- E. Add the vendor as an allowed Actions Source.

F. Search the GitHub Marketplace for Actions by the vendor.

Answer: ([SHOW ANSWER](#))

To locate an existing GitHub Action provided by a GitHub-approved vendor, you can use the following methods:

- * Verification Badge:

- * Option C is correct because actions provided by GitHub-approved vendors will typically have a verification badge. This badge indicates that the action is from a trusted source, giving users confidence in its security and reliability.

- * Search the GitHub Marketplace:

- * Option F is correct because GitHub Marketplace is the official location to find and install actions, including those provided by third-party vendors. You can search for actions by the vendor 's name to find the specific one you need.

- * Incorrect Options:

- * Option A is not necessary to locate an existing action; creating a workflow file is for implementing the action, not locating it.

- * Option B is incorrect because searching the vendor's website for a github.yaml index is not a standard practice for finding actions.

- * Option D is incorrect because installing a GitHub App is unrelated to finding an existing action.

- * Option E is incorrect because adding a vendor as an allowed Actions Source is a configuration step for using the action, not for locating it.

References:

GitHub Marketplace: Verified Actions

NEW QUESTION: 8

Which GitHub tools or features is best to quickly modify a batch of files in a repository?

A. Use github.dev from a web browser.

B. Create and use a new GitHub Codespace.

C. Install and use the git CLI.

D. Install and use GitHub Mobile.

E. Install and use GitHub Desktop.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 9

Which of the following are characteristics of GitHub Teams? (Each answer presents a complete solution.

Choose two.)

A. Teams can be nested.

B. Team visibility can be visible or secret.

C. Teams has a maximum size of 100 users.

D. Teams requires access to at least one repository.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 10

Which of the following is an Innersource development practice?

- A. Adopting open source code into the organization
- B. Sharing code between teams within the organization
- C. Removing open source code from the organization
- D. Making all repositories publicly accessible

Answer: ([SHOW ANSWER](#))

Innersource is a development practice where an organization adopts open-source development methodologies within its own internal environment. The primary goal of innersource is to break down silos and encourage collaboration across different teams within the organization.

* Sharing Code Between Teams:

* Option B is correct because innersource involves sharing code between teams within the organization, similar to how open-source communities share code across the public domain. This practice fosters collaboration, improves code quality, and allows for reuse of code, reducing duplication of efforts.

* Incorrect Options:

* Option A is incorrect because adopting open-source code into the organization is related to using open-source software, not specifically to innersource practices.

* Option C is incorrect because removing open-source code from the organization is contrary to the principles of both open source and innersource.

* Option D is incorrect because making all repositories publicly accessible refers to open source, not innersource. Innersource typically involves keeping code internal to the organization.

References:

GitHub Docs: What is Innersource?

Innersource Commons: The Basics

NEW QUESTION: 11

Which action can you perform using the text formatting toolbar when writing a comment on GitHub?

- A. Merge branches
- B. Assign an issue
- C. Schedule a pull request
- D. Add a list

Answer: D ([LEAVE A REPLY](#))

When writing comments on GitHub, the text formatting toolbar helps users format Markdown without manually typing all Markdown syntax. One action available through this toolbar is adding a list, such as a bulleted list or numbered list. This makes issue comments, pull request discussions, and discussion replies easier to structure and read. The toolbar is focused on formatting written content, not repository management actions. Merging branches is handled through Git or pull request workflows.

Assigning an issue is done through issue metadata and permissions, not through the formatting toolbar.

Scheduling a pull request is not a standard action in the comment formatting toolbar. Therefore, the action connected to the toolbar is adding a list to the comment text.

NEW QUESTION: 12

Which of the following is a primary goal of GitHub ' s community?

- A. Exclusively supporting experienced developers
- B. Creating a competitive environment for developers
- C. Facilitating collaboration and creativity
- D. Enforcing strict code quality standards

Answer: ([SHOW ANSWER](#))

GitHub ' s community is centered around enabling developers to collaborate and innovate together. The platform provides tools and environments that foster open communication, sharing of ideas, and collective problem-solving.

* Facilitating Collaboration and Creativity:

* Option C is correct because GitHub is designed to be a collaborative platform where developers can work together on projects, share code, and contribute to open source initiatives, all in an environment that encourages creativity.

* Incorrect Options:

* Option A is incorrect because GitHub is inclusive of developers of all skill levels, not just experienced ones.

* Option B is incorrect because GitHub is not about creating a competitive environment; rather, it focuses on collaboration.

* Option D is incorrect because while code quality is important, enforcing strict code quality standards is not the primary goal of the GitHub community.

References:

GitHub Docs: Building a Strong Community

NEW QUESTION: 13

Which of the following default workflows are available as part of GitHub projects? (Each answer presents a complete solution. Choose three.)

- A. " Item closed "
- B. " Auto-archive items "
- C. " Pull request opened "
- D. " Label added to issue "
- E. " Pull request merged "

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 14

Which of the following is a restriction for Enterprise Managed Users (EMUs)?

- A. Each GitHub team must be linked to an identity provider group.
- B. Organization base permissions cannot be applied.
- C. Users cannot create public repositories.
- D. Custom repository roles are not available.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 15

Which three of the following metrics can be tracked using repository insights? Each answer presents a complete solution.

- A. Pull request activity
- B. Contributions over time
- C. Team synchronization status
- D. Security vulnerabilities in dependencies
- E. Repository visibility settings
- F. Issue resolution rates

Answer: ([SHOW ANSWER](#))

Repository insights provide maintainers with visual and analytical information about repository activity and health. Pull request activity can be reviewed to understand collaboration patterns, review activity, and changes over time. Contributions over time are also available through repository insights, helping maintainers see how actively people are contributing to the project. Security vulnerabilities in dependencies can be surfaced through security-related views such as dependency alerts and related repository security information. Team synchronization status and repository visibility settings are administrative or configuration-related items, not repository insight metrics. Issue resolution rates may be useful in project reporting, but it is not one of the selected repository insights metrics in this question. These insights help teams monitor repository progress, collaboration, and risk.

NEW QUESTION: 16

Which of the following information is available by default in a user 's GitHub profile?

- A. Personal biography and profile picture
- B. Public Secure Shell Protocol (SSH) keys
- C. A list of the user 's private repositories
- D. Email address and password

Answer: ([SHOW ANSWER](#))

A user 's GitHub profile typically includes public information such as a personal biography, profile picture, and a list of public repositories. More sensitive information, like email addresses and passwords, is not publicly displayed.

* Personal Biography and Profile Picture:

* Option A is correct because these are standard elements displayed on a user 's public GitHub profile. This information is meant to provide a brief introduction to the user and their interests or skills.

* Incorrect Options:

- * Option B is incorrect because public SSH keys may be associated with a user 's account but are not displayed by default on the profile page.
- * Option C is incorrect because private repositories are not listed on a public profile.
- * Option D is incorrect because a user 's email address and password are private information and not displayed on their public profile.

References:

GitHub Docs: Managing Your Profile

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NEW QUESTION: 17

Which of the following best describes a Codespace?

- A. A lightweight editing experience that runs entirely in your browser
- B. An AI pair programmer that offers autocomplete-style suggestions
- C. A development environment hosted in the cloud
- D. A Visual Studio Code plug-in to manage local devcontainers

Answer: (SHOW ANSWER)

A Codespace is a cloud-hosted development environment provided by GitHub. It allows developers to code in a fully-configured environment that can be accessed from any device with an internet connection. Codespaces integrate with Visual Studio Code, either through the desktop app or directly in the browser, providing a consistent development experience without the need to manually set up a local environment.

* Cloud-Hosted Development Environment:

- * Option C is correct because GitHub Codespaces are essentially cloud-based environments that are pre-configured with the tools and dependencies needed for development. This allows developers to start coding immediately without the overhead of setting up a local environment.

* Incorrect Options:

- * Option A is partially correct in that Codespaces can be accessed and used in a browser, but the defining feature is that it 's a full development environment, not just a lightweight editor.
- * Option B is incorrect because this describes GitHub Copilot, not Codespaces.
- * Option D is incorrect because Codespaces is not a Visual Studio Code plug-in; it is a cloud-based service that integrates with Visual Studio Code.

References:

NEW QUESTION: 18

What are all repository visibility options in GitHub Enterprise?

- A. public, private
- B. external, private
- C. public, internal, and private
- D. external, public, and private

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 19

What happens when you link an issue to a pull request?

- A. A reference to the pull request is added to the issue ' s timeline
- B. The issue is locked for further comments
- C. The pull request is automatically approved
- D. The pull request is added to the repository ' s project board
- E. The issue is automatically closed when the pull request is merged

Answer: ([SHOW ANSWER](#))

Linking an issue to a pull request connects planned or reported work with the code change intended to resolve it. In GitHub workflows, this relationship helps maintainers track which pull request addresses a specific issue. When a pull request is linked in a way that closes the issue, such as through supported closing keywords or the development relationship, GitHub can automatically close the issue after the pull request is merged. This improves traceability and reduces manual cleanup after work is completed.

Linking does not approve the pull request, because approval depends on review permissions and branch protection settings. It also does not lock the issue or automatically add the pull request to a project board. The main benefit is connecting work items to code changes.

NEW QUESTION: 20

What is defined as software that can be freely used, modified, and shared by anyone?

- A. proprietary
- B. Innersource
- C. open source
- D. free source

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 21

What is a primary goal of InnerSource that differentiates it from open source?

- A. To enforce strict repository rulesets for all contributors.
- B. To provide internal visibility and reduce friction for employees working on company projects.
- C. To make all company projects public for external contributions.

D. To eliminate the need for pull requests in collaborative projects.

Answer: ([SHOW ANSWER](#))

InnerSource applies open source collaboration practices inside an organization while keeping the work internal. Its primary goal is to make company projects more visible to employees and reduce friction when teams contribute across boundaries. Instead of every team working in isolation, InnerSource encourages shared ownership, discoverable repositories, clear contribution guidelines, issues, pull requests, and code reviews. This helps employees reuse existing solutions, avoid duplicated work, and collaborate more efficiently. Unlike open source, InnerSource does not require making repositories public or accepting outside contributors. It also does not remove the need for pull requests; pull requests are often central to the contribution process. The key difference is that InnerSource focuses on internal collaboration using open source-style practices.

NEW QUESTION: 22

Which Insights feature allows users to view repository activity including: pull requests, issues, and commit history?

- A.** Traffic
- B.** Activity overview
- C.** Pulse
- D.** Code frequency

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 23

Which of the following is always true about the feature preview phases Alpha and Beta?

- A.** Alpha features are not available to the public.
- B.** Alpha features are documented.
- C.** Alpha and Beta features offer Service Level Agreements (SLAs).
- D.** Beta features provide technical support.

Answer: A ([LEAVE A REPLY](#))

The terms Alpha and Beta are often used in software development to describe different stages of feature testing and release.

* Alpha Features:

* Option A is correct because Alpha features are typically in the early stages of development and are not available to the public. They are usually tested internally or by a limited audience.

* Incorrect Options:

* Option B is incorrect because Alpha features are often undocumented as they are in the early development phase.

* Option C is incorrect because Alpha and Beta features usually do not offer Service Level Agreements (SLAs) due to their experimental nature.

* Option D is incorrect because Beta features might offer limited support, but it is not guaranteed, especially compared to fully released features.

References:

GitHub Docs: About Feature Previews

NEW QUESTION: 24

Which of the following are available statuses of a pull request?

(Each answer presents a complete solution. Choose four.)

- A. Draft
- B. Closed
- C. Rebasing
- D. Merged
- E. Modified
- F. Open

Answer: ([SHOW ANSWER](#))

Pull requests (PRs) on GitHub can have several statuses that indicate their current state in the development and review process:

* Draft:

* Option A is correct. A pull request can be in a " Draft " status, indicating that it is a work in progress and not yet ready for review.

* Closed:

* Option B is correct. A pull request can be " Closed " without being merged, which might happen if the proposed changes are not needed or are incorporated differently.

* Merged:

* Option D is correct. A pull request that has been reviewed and approved can be " Merged " into the target branch, indicating that the changes have been successfully incorporated.

* Open:

* Option F is correct. An " Open " pull request is one that is active and awaiting review or further action.

* Incorrect Options:

* Option C (Rebasing) is incorrect because " Rebasing " is not a status; it ' s an operation that can be performed on branches.

* Option E (Modified) is incorrect because there is no " Modified " status for pull requests.

References:

GitHub Docs: About Pull Requests

NEW QUESTION: 25

Which of the following keywords are used to link a pull request to an issue? (Each correct answer presents a complete solution. Choose three.)

- A. merge
- B. fix
- C. join
- D. connects

- E. closed
- F. resolves

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 26

What is the primary purpose of creating a security policy in a repository?

- A. To ensure that peer code review occurs before new changes are merged
- B. To define which types of secrets are blocked with push protection
- C. To describe how security vulnerabilities should be responsibly disclosed
- D. To customize the repository 's Dependabot configuration

Answer: ([SHOW ANSWER](#))

The primary purpose of creating a security policy in a GitHub repository is to guide users and contributors on how to report security vulnerabilities in a responsible and secure manner. This policy outlines the preferred method of communication, timelines, and any other pertinent information related to handling security issues.

* Security Policy:

* Option C is correct because a security policy provides guidelines for responsibly disclosing security vulnerabilities. This helps maintainers respond to and address security concerns promptly and securely, thereby protecting the project and its users.

* Incorrect Options:

* Option A is incorrect because ensuring peer code review is a best practice for code quality, but it is not the primary purpose of a security policy.

* Option B is incorrect because push protection for secrets is managed through repository settings, not the security policy.

* Option D is incorrect because customizing Dependabot configuration is related to dependency management, not directly to security policies.

References:

GitHub Docs: Adding a Security Policy to Your Repository

NEW QUESTION: 27

Which three of the following actions will automatically subscribe you to a conversation on GitHub?

Each answer presents a complete solution.

- A. Being at-mentioned in a thread
- B. Opening a pull request
- C. Deleting a branch
- D. Changing the repository visibility
- E. Commenting on an issue or pull request

Answer: A,B,E ([LEAVE A REPLY](#))

GitHub automatically subscribes users to conversations when their direct involvement indicates they may need future notifications. Being at-mentioned in a thread subscribes the mentioned user because GitHub treats the mention as a direct request for attention. Opening a pull request also

subscribes the author because they own the proposed change and need updates about reviews, comments, checks, and merge activity. Commenting on an issue or pull request subscribes the commenter because they have participated in the conversation and may need follow-up notifications. Deleting a branch does not represent participation in a specific conversation, and changing repository visibility is an administrative repository action rather than a conversation-level activity. Automatic subscriptions help users stay informed about discussions relevant to them.

NEW QUESTION: 28

Who can be assigned to an Issue or pull request?

(Each answer presents a complete solution. Choose two.)

- A. Anyone who has an enterprise GitHub account
- B. Anyone who has commented on the Issue or pull request
- C. Anyone who has a personal GitHub account
- D. Anyone with write permissions to the repository

Answer: B,D (LEAVE A REPLY)

In GitHub, issues and pull requests (PRs) are essential tools for managing work and collaboration in a project.

Assigning individuals to these issues or PRs is a way to indicate responsibility for addressing the issue or completing the PR.

* Anyone with write permissions to the repository:

* Users who have write permissions to a repository can be assigned to issues and pull requests. Write permissions allow users to push changes to the repository, create branches, and modify issues and pull requests. Assigning them to an issue or PR ensures they are recognized as responsible for the task.

* Anyone who has commented on the Issue or pull request:

* GitHub allows you to assign issues or pull requests to users who have already engaged with the discussion by commenting on it. This feature is particularly useful for quickly assigning tasks to those who are already involved in the conversation.

* Incorrect Options:

* Option A is incorrect because having an enterprise GitHub account alone does not necessarily grant the ability to be assigned to issues or PRs. Permission to assign is based on repository-specific roles and permissions.

* Option C is incorrect because not all personal GitHub accounts can be assigned to issues or PRs.

The user needs either write permissions to the repository or must have commented on the issue or PR.

References:

GitHub Docs: Assigning Issues and Pull Requests

GitHub Docs: Permission Levels for a Repository

This detailed explanation provides clarity on GitHub 's assignment mechanics for issues and pull requests, reflecting the platform 's collaborative nature.

NEW QUESTION: 29

An organization in a GitHub enterprise has a base permission of " No permissions. " Which users in this enterprise will be able to see all internal repositories within this organization?

(Each answer presents a complete solution. Choose two.)

- A. members in the same organization
- B. outside collaborators in the same organization
- C. outside collaborators with repo Admin access
- D. members in another organization in that enterprise

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 30

Which three files can a user automatically add while creating a new repository?

- A. LICENSE, .git, and README
- B. README, .gitignore, and LICENSE
- C. README, .git, and DOCS
- D. LICENSE, DOCS, and .gitignore

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 31

Which of the following options is available as a default Discussion category?

- A. Bug report
- B. Daily check-in
- C. Show and tell
- D. Security concern

Answer: ([SHOW ANSWER](#))

In GitHub Discussions, several default categories are provided to help organize conversations within a project. One of the default categories is Show and tell. This category is designed for users to showcase their work, share progress, or discuss achievements with the community. The other options listed (Bug report, Daily check-in, Security concern) are not default categories but could be custom categories created by the repository maintainers.

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NEW QUESTION: 32

Which of the following are counted in the contribution graph on a user 's profile? (Each answer presents a complete solution. Choose two.)

- A. followers
- B. commits made
- C. pull requests created
- D. issues closed
- E. public repositories

Answer: B,C ([LEAVE A REPLY](#))

NEW QUESTION: 33

What are some scenarios that can automatically subscribe you to conversations on GitHub? (Each answer presents a complete solution. Choose three.)

- A. Pushing a commit to the default branch
- B. Being added as a repo admin
- C. Opening a pull request or issue
- D. Commenting on a thread
- E. Being assigned to an issue or pull request

Answer: ([SHOW ANSWER](#)**)**

On GitHub, certain actions automatically subscribe you to conversations so that you receive notifications about further activity in that thread.

* Opening a Pull Request or Issue:

* Option C is correct because when you open a pull request or issue, you are automatically subscribed to the conversation and will receive notifications for any updates.

* Commenting on a Thread:

* Option D is correct because commenting on an issue or pull request automatically subscribes you to that thread, ensuring you are notified of further comments or changes.

* Being Assigned to an Issue or Pull Request:

* Option E is correct because when you are assigned to an issue or pull request, you are automatically subscribed to notifications related to it.

* Incorrect Options:

* Option A is incorrect because pushing a commit to the default branch does not automatically subscribe you to conversations.

* Option B is incorrect because being added as a repo admin does not automatically subscribe you to specific conversations unless you engage with them.

References:

GitHub Docs: Subscribing to Notifications

NEW QUESTION: 34

GitHub Actions workflows can be directly triggered by which of the following events?

(Each answer presents a complete solution. Choose three.)

- A. Adding a comment to a discussion post
- B. Creating a new repository
- C. Committing a change to a local git repository
- D. Pushing to a GitHub repository
- E. Disabling a GitHub runner
- F. Creating an Issue

Answer: ([SHOW ANSWER](#))

GitHub Actions are automated workflows that can be triggered by various events on GitHub. Some common events that trigger workflows include pushes to a repository, creation of issues, and comments on discussion posts.

* Triggering GitHub Actions:

* Option D (Pushing to a GitHub repository) is correct because this is one of the most common triggers for CI/CD workflows.

* Option F (Creating an Issue) is correct because issues are commonly used as triggers for workflows, such as automatically assigning a label or notifying a team.

* Option A (Adding a comment to a discussion post) is correct because actions can be triggered by activity on discussion posts, including comments.

* Incorrect Options:

* Option B (Creating a new repository) is incorrect because this action typically does not trigger workflows within a specific repository.

* Option C (Committing a change to a local git repository) is incorrect because GitHub Actions are triggered by events on the GitHub platform, not by local commits.

* Option E (Disabling a GitHub runner) is incorrect because it is related to the environment where actions are executed, not a trigger for workflows.

References:

GitHub Docs: Events That Trigger Workflows

NEW QUESTION: 35

Which of the following options can a user do from a discussion post?

- A. Duplicate the discussion
- B. Archive the discussion
- C. Create an issue from the discussion
- D. Add the discussion to README

Answer: C ([LEAVE A REPLY](#))

From a discussion post on GitHub, a user can Create an issue from the discussion. This feature allows users to turn a discussion into an actionable item by creating an issue directly from the discussion thread. This is particularly useful when a conversation identifies a bug, task, or enhancement that needs to be tracked in the repository.

NEW QUESTION: 36

Which syntax is used for authoring saved replies?

- A. HTML
- B. Markup
- C. Markdown
- D. YAML

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 37

Why is branching a core concept in Git?

- A. Branching creates physical copies of the project on disk, ensuring data redundancy and backup.
- B. Branching creates an isolated environment to try new ideas and make changes without affecting other branches.
- C. Branching is necessary for organizing files and folders within a Git repository.
- D. Branching helps in automatically merging changes from different branches into the main branch.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 38

Which three of the following features are available with GitHub Mobile? Each answer presents a complete solution.

- A. Edit files in pull requests
- B. Compare changed images to visually review updates
- C. Manage, triage, and clear notifications from github.com
- D. Add changes to your commit interactively
- E. Schedule push notifications for specific custom hours

Answer: ([SHOW ANSWER](#))

GitHub Mobile is designed for reviewing, triaging, and staying connected to GitHub activity while away from a desktop environment. It supports managing notifications from GitHub.com, allowing users to triage and clear notifications directly from their mobile device. It also supports reviewing pull requests, including visual review scenarios such as comparing changed images. Another mobile feature is scheduling push notifications for custom hours, which helps users control when they receive GitHub alerts. GitHub Mobile is not intended to replace a full development workstation. Editing files in pull requests and interactively adding changes to a commit are development tasks better suited to GitHub.

com, GitHub Desktop, Codespaces, or the Git command line. The mobile app focuses on lightweight collaboration and review workflows.

NEW QUESTION: 39

Which of the following best describes GitHub Pages?

- A. Webpages hosted and published through GitHub repositories
- B. Handles pagination for API requests

- C. Hosts long-form documentation about your project
- D. Curated guides around how to use GitHub products

Answer: ([SHOW ANSWER](#))

GitHub Pages is a feature provided by GitHub that allows you to create webpages hosted and published through GitHub repositories. It is commonly used for hosting project documentation, personal websites, or blogs directly from a GitHub repository. It integrates seamlessly with the repository, making it easy to deploy and manage website content.

NEW QUESTION: 40

What are the defining features of Git?

- A. Distributed version control, open source software, and being designed for handling projects of any size with efficiency
- B. Sequential version control, cloud-based hosting service, and being designed for collaboration on large projects
- C. Low-cost local branching, convenient staging areas, multiple workflows, and being designed for managing small projects
- D. Centralized version control, proprietary software, and being designed for small projects

Answer: ([SHOW ANSWER](#))

Git is a widely-used version control system that has several defining features:

* Distributed Version Control:

* Git is a distributed version control system, meaning that every developer has a full copy of the entire repository, including its history, on their local machine. This enables greater flexibility, as work can be done offline and each user has access to the full project history.

* Open Source Software:

* Git is open-source, meaning its source code is freely available for use, modification, and distribution. This fosters a large community of users and contributors who continuously improve the software.

* Efficiency with Large Projects:

* Git is designed to handle projects of any size with speed and efficiency. It can manage large codebases and many contributors without significant performance degradation, making it suitable for everything from small personal projects to large, complex software systems.

* Incorrect Options:

* Option B is incorrect because Git is not a sequential version control system, nor is it inherently tied to cloud-based services. GitHub, GitLab, and other platforms offer cloud hosting for Git repositories, but Git itself is a version control tool.

* Option C is incorrect because Git is not limited to small projects; it is designed to scale efficiently, and the other features mentioned are only partial descriptions of Git's capabilities.

* Option D is incorrect because Git is not a centralized version control system; it is distributed. Additionally, Git is open-source, not proprietary, and is used for projects of all sizes.

References:

Pro Git Book: What is Git?

NEW QUESTION: 41

Which of the following is NOT a component of a pull request?

- A. Compare branch
- B. Pull request description
- C. Repository visibility settings
- D. Base branch

Answer: ([SHOW ANSWER](#))

A pull request compares changes from one branch into another branch. The compare branch contains the proposed changes, while the base branch is the branch those changes are intended to merge into. A pull request also includes a description where the author explains what changed, why the change is needed, and any related issue or testing information. Repository visibility settings are not part of an individual pull request. Visibility settings belong to the repository configuration and determine whether the repository is public, private, or internal, depending on the account type and plan. Since pull requests focus on proposing, reviewing, discussing, and merging branch changes, the compare branch, base branch, and description are pull request components, while repository visibility settings are not.

NEW QUESTION: 42

Which of the following are included as pre-defined repository roles?

(Each answer presents a complete solution. Choose three.)

- A. Security
- B. View
- C. Triage
- D. Maintain
- E. Delete
- F. Write

Answer: C,D,F ([LEAVE A REPLY](#))

GitHub provides several pre-defined repository roles that determine the level of access and permissions a user has within a repository. The roles that are included by default are:

- * Triage : Allows users to manage issues and pull requests without write access to the code.
- * Maintain : Provides more extensive access, including managing settings, but without full administrative control.
- * Write : Grants permission to push changes and manage issues and pull requests.

Roles like " Security " and " Delete " are not standard pre-defined roles, and " View " is generally referred to as " Read " in GitHub ' s permission structure.

NEW QUESTION: 43

For which of the following does GitHub provide hosted runners?

- A. AWS, Azure, and GCP
- B. Linux, Windows, and macOS
- C. Kubernetes
- D. Docker

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 44

What should you append to the link <https://github.com/github/docs/> to show who starred that repository?

- A. starwatcher
- B. stargazers
- C. stars
- D. starviewers

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 45

Which of the following two-factor authentication (2FA) methods can you use to secure a GitHub account?

(Each answer presents a complete solution. Choose three.)

- A. security keys
- B. single sign-on
- C. security questions
- D. authenticator app
- E. GitHub mobile

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 46

The difference between GitHub Desktop and github.com is that Desktop:

- A. Is a standalone software application.
- B. Enables integration with office suite applications.
- C. Is only available on Windows operating systems.
- D. Offers a graphical user interface.
- E. Is a self-hosted version of GitHub.

Answer: ([SHOW ANSWER](#))

GitHub Desktop is a standalone application that provides a graphical user interface (GUI) for interacting with GitHub repositories, as opposed to the command-line or web-based interfaces available on github.com.

* Graphical User Interface:

* Option D is correct because GitHub Desktop offers a GUI, making it easier for users to manage repositories, perform commits, and handle other Git-related tasks without needing to use the command line.

* Incorrect Options:

* Option A is partially correct in that GitHub Desktop is a standalone application, but the key difference is the GUI.

* Option B is incorrect because GitHub Desktop does not specifically enable integration with office suite applications.

* Option C is incorrect because GitHub Desktop is available on both Windows and macOS.

* Option E is incorrect because GitHub Desktop is not a self-hosted version of GitHub; it is a client application for accessing GitHub repositories.

References:

GitHub Docs: GitHub Desktop Documentation

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NEW QUESTION: 47

What is the correct way to automatically close an issue when a pull request is merged?

A. Assign the issue to the PR author

B. Mention the issue in a comment after merging

C. Use a keyword reference like Fixes #42 in the pull request description

D. Add the issue number to the PR title

Answer: (SHOW ANSWER)

GitHub supports special closing keywords that connect a pull request to an issue and automatically close the issue when the pull request is merged into the default branch. Examples include keywords such as "fixes," "closes," or "resolves," followed by the issue number. Using a reference like Fixes #42 in the pull request description tells GitHub that the pull request resolves that issue. Assigning the issue to the pull request author does not create automatic closure behavior. Mentioning the issue after merging may create a reference, but it does not automatically close the issue retroactively. Adding the issue number to the pull request title may help humans understand the relationship, but the supported automatic closing behavior depends on the keyword reference.

NEW QUESTION: 48

Which of the following features does GitHub provide to enhance collaboration within teams?

A. git repositories hosting and sharing capabilities

B. automated testing and code quality analysis

- C. real-time collaboration through pair programming
- D. code review and discussion through issues and pull requests

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 49

Which of the following is a key characteristic of GitHub Projects?

- A. Ability to visualize the commit history
- B. Ability to import Gantt charts from Microsoft Project
- C. Ability to create and customize multiple views
- D. Ability to enforce required fields

Answer: ([SHOW ANSWER](#))

GitHub Projects is a flexible and powerful tool for project management that allows users to manage their work with ease. One of the key characteristics of GitHub Projects is the ability to create and customize multiple views. This feature enables teams to tailor the project management experience to their specific workflow needs, offering various ways to visualize tasks, issues, and work items.

* Custom Views: You can set up different views like Kanban boards, tables, or timelines, and apply filters to show only what is relevant for a particular aspect of the project. This customization allows teams to organize their work in a way that best suits their processes, making it a highly adaptable project management tool.

* Other options, such as visualizing commit history (which would fall under the ' Insights ' feature), importing Gantt charts (which GitHub Projects does not natively support), or enforcing required fields (which might relate to form-based tools but not to GitHub Projects specifically), do not align with the key characteristics of GitHub Projects.

NEW QUESTION: 50

After 30 minutes of inactivity, a GitHub Codespace will

- A. Be deleted
- B. Commit changes
- C. Restart
- D. Time out

Answer: ([SHOW ANSWER](#))

After 30 minutes of inactivity, a GitHub Codespace will time out. This is designed to conserve resources when the Codespace is not being actively used. The session will be paused, and you'll need to reconnect to resume your work. However, the Codespace is not deleted, and any unsaved changes might not be lost but should be committed or saved to prevent data loss.

NEW QUESTION: 51

The difference between GitHub Enterprise Server (GHES) and GitHub Enterprise Cloud is that GHES:

- A. is a self-hosted solution that allows organizations to have full control over their infrastructure.

- B. cannot enable rate limiting.
- C. can be deployed on both Windows and Linux.
- D. includes authentication with SAML single sign-on and access provisioning with SAML or SCIM.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 52

As a repository admin, which alerts can you see from the security tab of a repository? (Each answer presents a complete solution. Choose three.)

- A. Push Protection Bypass
- B. Branch Protection
- C. Code Scanning
- D. Dependabot
- E. Secret Scanning

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 53

Which of the following are advantages of saved replies?

(Each correct answer presents part of the solution. Choose two.)

- A. Saved replies are tied to a GitHub user 's personal account.
- B. Saved replies are allocated at the enterprise level for all users.
- C. Saved replies allow you to create a reusable response to issues and pull requests.
- D. Saved replies will send auto notifications when a user is tagged to an issue.

Answer: ([SHOW ANSWER](#))

Saved replies in GitHub are a feature that allows users to create and save templates of commonly used responses for issues and pull requests. This feature can significantly enhance productivity and ensure consistent communication.

* Saved Replies Are Tied to a User 's Personal Account:

* Option A is correct because saved replies are specific to a user 's GitHub account, meaning they are accessible to the user across all repositories they have access to.

* Saved Replies Allow Reusable Responses:

* Option C is correct because the primary purpose of saved replies is to allow users to create reusable responses for issues and pull requests, saving time and ensuring consistency.

* Incorrect Options:

* Option B is incorrect because saved replies are not allocated at the enterprise level; they are specific to individual user accounts.

* Option D is incorrect because saved replies do not send auto notifications; they are manually inserted by the user when responding to issues or pull requests.

References:

GitHub Docs: Using Saved Replies

NEW QUESTION: 54

Which of the following can be performed within GitHub Mobile?

- A. Utilizing the mobile device as a self-hosted runner
- B. Managing enterprise and organization settings
- C. Chat with other GitHub Mobile users via voice calling
- D. Forking and cloning repositories
- E. Managing notifications from github.com

Answer: ([SHOW ANSWER](#))

GitHub Mobile provides a streamlined experience for managing your GitHub notifications and participating in discussions, but it does not offer full functionality compared to the desktop or web interface.

* Managing Notifications:

* Option E is correct because GitHub Mobile allows users to manage notifications, keeping them up to date with their repositories, issues, pull requests, and other activities on GitHub.

* Incorrect Options:

* Option A is incorrect because GitHub Mobile cannot be used as a self-hosted runner.

* Option B is incorrect because managing enterprise and organization settings is not supported in GitHub Mobile.

* Option C is incorrect because GitHub Mobile does not offer a chat or voice calling feature.

* Option D is incorrect because forking and cloning repositories are not actions available in GitHub Mobile.

References:

GitHub Docs: GitHub Mobile

NEW QUESTION: 55

What are advantages of GitHub Projects over GitHub Projects Classic?

(Each answer presents a complete solution. Choose two.)

- A. GitHub Projects has multiple layout views.
- B. GitHub Projects has Insights.
- C. GitHub Projects are Copilot enabled.
- D. GitHub Projects can be connected to third-party tools.

Answer: A,B ([LEAVE A REPLY](#))

GitHub Projects is a newer, more powerful version of project management within GitHub, offering enhanced features over the classic version.

* Multiple Layout Views:

* Option A is correct because GitHub Projects supports multiple views, such as board, table, and timeline views, allowing users to visualize their work in different ways according to their needs.

* Insights:

* Option B is correct because GitHub Projects provides insights and analytics, enabling teams to track progress and make data-driven decisions.

* Incorrect Options:

* Option C is incorrect because while GitHub Copilot is a tool for code suggestions, it is not directly integrated with GitHub Projects as a feature.

* Option D is incorrect because both GitHub Projects and GitHub Projects Classic can be connected to third-party tools, so it is not an exclusive advantage of the newer GitHub Projects.

References:

GitHub Docs: Managing Projects

NEW QUESTION: 56

What happens when you assign multiple collaborators to an issue or pull request?

A. The issue or pull request is automatically marked as "In Progress."

B. The issue or pull request is locked for editing by others.

C. Only the first collaborator is notified.

D. All assigned collaborators are notified and share responsibility.

Answer: ([SHOW ANSWER](#))

Assigning collaborators to an issue or pull request helps clarify responsibility and ownership. When multiple collaborators are assigned, GitHub does not limit responsibility to only the first assignee.

Instead, all assigned users are associated with the work item and can receive notifications based on their notification settings. This is useful when several people share responsibility for investigation, implementation, review, or follow-up. Assignment does not automatically lock the issue or pull request, and it does not automatically change the item's status to "In Progress." Status tracking is usually handled through labels, Projects fields, or workflow automation. In GitHub collaboration workflows, assignees make it clear who is expected to work on or respond to an issue or pull request.

NEW QUESTION: 57

How do you open the Command Palette on GitHub.com using a Windows or Linux computer?

A. Press Ctrl+K

B. Press Ctrl+S

C. Press Shift+Enter

D. Press Alt+P

Answer: ([SHOW ANSWER](#))

The GitHub Command Palette provides quick keyboard-based access to navigation, commands, repositories, issues, pull requests, projects, and other GitHub areas. On GitHub.com, Windows and Linux users can open the Command Palette by pressing Ctrl+K. This shortcut helps users move faster through GitHub without relying only on menus or page navigation. Ctrl+S is commonly associated with saving in many applications, not opening the GitHub Command Palette. Shift+Enter is generally used for line breaks or text-entry behavior in many interfaces. Alt+P is not the standard GitHub.com shortcut for this feature. Knowing Command Palette shortcuts is useful for the GitHub Foundations exam because it tests productivity features available directly in the GitHub web interface.

NEW QUESTION: 58

What are two results of making additional commits to a branch after opening a pull request? Each answer presents a complete solution.

- A. The pull request is automatically closed.
- B. The new commits are included for review under the Commits and Files changed tabs.
- C. The pull request must be reopened to include the new commits.
- D. The new commits are added to the pull request timeline.
- E. The base branch is automatically updated.

Answer: ([SHOW ANSWER](#))

A pull request tracks changes from a compare branch into a base branch. After a pull request is opened, additional commits pushed to the same compare branch are automatically included in that pull request. Reviewers can see those new commits under the Commits tab and examine updated file differences under the Files changed tab. GitHub also records commit activity in the pull request timeline so collaborators can follow what changed during the review process. The pull request does not need to be reopened, because it remains connected to the branch. The base branch is not automatically updated by these commits; the new commits are on the source branch until the pull request is merged.

This behavior supports iterative review and collaboration.

NEW QUESTION: 59

Which of the following is the best GitHub feature for long-form documentation for a project?

- A. Insights
- B. Pull Requests
- C. Projects
- D. Wikis

Answer: ([SHOW ANSWER](#))

GitHub offers a variety of features for different aspects of project management and documentation. For long-form documentation, the best feature is Wikis. Wikis in GitHub allow you to create detailed, structured documentation that is easy to navigate and edit. Each repository in GitHub can have its own Wiki, which acts as a space for collaborators to maintain project documentation, guides, manuals, or any other long-form content.

* Wikis are specifically designed to host extensive documentation in a way that is easy to reference and edit over time. They support Markdown, allowing you to format your documentation effectively. Unlike the other options, Wikis are explicitly intended for the purpose of long-form content, making them the best choice for this use case.

NEW QUESTION: 60

Which Discussion category allows a user to mark a response as an answer?

- A. Polls
- B. Q & A

C. General

D. Ideas

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 61

Workflows can reference actions in:

(Each correct answer presents a complete solution. Choose three.)

- A. Any public repository.
- B. The same repository as your workflow file.
- C. GitHub Packages.
- D. An enterprise marketplace.
- E. A published Docker container image on Docker Hub.

Answer: ([SHOW ANSWER](#))

In GitHub Actions workflows, actions can be referenced from various sources depending on the needs of the workflow.

* Any Public Repository:

* Option A is correct. Actions can be referenced from any public GitHub repository, allowing the reuse of shared actions across multiple projects.

* The Same Repository as Your Workflow File:

* Option B is correct. Actions stored in the same repository as the workflow file can be referenced directly, which is common for custom actions specific to that project.

* A Published Docker Container Image on Docker Hub:

* Option E is correct. Workflows can reference actions that are provided as Docker container images hosted on Docker Hub, allowing integration of complex tools and environments.

* Incorrect Options:

* Option C (GitHub Packages) is incorrect as it is more commonly used for storing and managing dependencies, not actions.

* Option D (An enterprise marketplace) is incorrect because GitHub Actions are not directly referenced from an enterprise marketplace but rather from public repositories or Docker images.

References:

GitHub Docs: Reusing Workflows

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