# Report on GIT Repository Plan for TWG CMSA

### 1. Outcome from SC08:

The SC at its last meeting expressed the preference to use the GitHub Team plan. The SC requested the Secretariat to continue its discussions with GitHub to see possibility for the NPFC to utilize the GitHub Team Plan for free as a non-profit organization and report to TWG CMSA08 in January 2024. The SC requested the Secretariat to develop guidelines and a manual for using GitHub in cooperation with Members and The EU has expressed interest in assisting with the guidelines' preparation. The SC also encouraged Members to share any other resources that may be useful and requested the Secretariat to compile them into a list.

### 2. Current progress:

The Secretariat is in ongoing communication with GitHub, assessing NPFC's eligibility for a non-profit organization account and preparing the application for the complimentary GitHub Team plan.

### 3. Next Steps:

Upon acquiring the GitHub Free Team Plan, the Secretariat will promptly set up the Git Repository and inform Members. Further procedures will be communicated subsequently.

| | Tasks & Responsibility | Timeline |
|---|---|---|
| **Members** | 1. Submit useful resources that helps to prepare the Git user manual | By 9 February 2024 |
| | 2. Provide user details (name, affiliation, email, etc.) to the Secretariat | By 16 February 2024 |
| **Secretariat** | 1. Notify Members about the GitHub Free Team Plan acquisition and initiate Git repository setup | By 29 February 2024 |
| | 2. Collaborate with EU Members to prepare and distribute the Git repository user manual | To be determined in consultation with EU Members |

### 4. Contingency Plan for GitHub Team Plan Acquisition:

Option 1: Adopt the GitHub Team Plan paid version.

Option 2: Utilize the GitHub Free Version, which some NPFC members are currently using. Members will have the option to upgrade to the GitHub Team Plan later if desired.

### 5. Annex 1: Specifications for GitHub Plans

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**Annex 1: Specifications for GitHub Plans**

| | GIT HUB | | |
|---|---|---|---|
| **Plan** | **Free (The basics for individuals and organizations)** | **Team (Advanced collaboration for individuals and organizations)** | **Enterprise (Security, compliance, and flexible deployment)** |
| **Price** | **0 $, / per month** | **4 $, per user/month** | **21 $, per user/month** |
| **Features and Coverage** | **Unlimited public/private repositories** | **Unlimited public/private repositories** | **Unlimited public/private repositories** |
| | Host open source projects in public GitHub repositories, accessible via web or command line. Public repositories are accessible to anyone at GitHub.com. | Host open source projects in public GitHub repositories, accessible via web or command line. Public repositories are accessible to anyone at GitHub.com. | Host open source projects in public GitHub repositories, accessible via web or command line. Public repositories are accessible to anyone at GitHub.com. |
| | **Automatic security and version updates** | **Automatic security and version updates** | **Automatic security and version updates** |
| | Keep projects secure by automatically opening pull requests that update vulnerable dependencies to secure versions, and update out-of-date dependencies. | Keep projects secure by automatically opening pull requests that update vulnerable dependencies to secure versions, and update out-of-date dependencies. | Keep projects secure by automatically opening pull requests that update vulnerable dependencies to secure versions, and update out-of-date dependencies. |
| | **2,000 CI/CD minutes/month (Free for public repositories)** | **3,000 CI/CD minutes/month (Free for public repositories)** | **50,000 CI/CD minutes/month (Free for public repositories)** |
| | Use execution minutes with GitHub Actions to automate your software development workflows. Write tasks and combine them to build, test, and deploy any code project on GitHub. | Use execution minutes with GitHub Actions to automate your software development workflows. Write tasks and combine them to build, test, and deploy any code project on GitHub. | Use execution minutes with GitHub Actions to automate your software development workflows. Write tasks and combine them to build, test, and deploy any code project on GitHub. |
| | **500MB of Packages storage (Free for public repositories)** | **2GB of Packages storage (Free for public repositories)** | **50GB of Packages storage (Free for public repositories)** |
| | Host your own software packages or use them as dependencies in other projects. Both private and public hosting available. | Host your own software packages or use them as dependencies in other projects. Both private and public hosting available. | Host your own software packages or use them as dependencies in other projects. Both private and public hosting available. |
| | **New issues & projects (in limited beta)** | **New issues & projects (in limited beta)** | **New issues & projects (in limited beta)** |
| | Give your developers flexible features for project management that adapts to any team, project, and workflow — all alongside your code. | Give your developers flexible features for project management that adapts to any team, project, and workflow — all alongside your code. | Give your developers flexible features for project management that adapts to any team, project, and workflow — all alongside your code. |
| | **Community support** | **Community support** | **Community support** |
| | Get help with most of your GitHub questions and issues in our Community Forum. | Get help with most of your GitHub questions and issues in our Community Forum. | Get help with most of your GitHub questions and issues in our Community Forum. |

| | | | |
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| | | **Access to GitHub Codespaces** | **Access to GitHub Codespaces** |
| | | Blazing fast cloud developer environments with flexible compute and pre-configured containers, developers can code, collaborate, and debug from any browser. Pay only for what you use with compute fees starting at $0.18/hr and storage fees at $0.07/GB per month. | Blazing fast cloud developer environments with flexible compute and pre-configured containers, developers can code, collaborate, and debug from any browser. Pay only for what you use with compute fees starting at $0.18/hr and storage fees at $0.07/GB per month. |
| | | **Protected branches** | **Protected branches** |
| | | Enforce restrictions on how code branches are merged, including requiring reviews by selected collaborators, or allowing only specific contributors to work on a particular branch. | Enforce restrictions on how code branches are merged, including requiring reviews by selected collaborators, or allowing only specific contributors to work on a particular branch. |
| | | **Multiple reviewers in pull requests** | **Multiple reviewers in pull requests** |
| | | Assign multiple users or a team to review a pull request. | Assign multiple users or a team to review a pull request. |
| | | **Draft pull requests** | **Draft pull requests** |
| | | Easily discuss and collaborate on pull requests before submitting to formal review. | Easily discuss and collaborate on pull requests before submitting to formal review. |
| | | **Code owners** | **Code owners** |
| | | Automatically request reviews—or require approval—by selected contributors when changes are made to sections of code that they own. | Automatically request reviews—or require approval—by selected contributors when changes are made to sections of code that they own. |
| | | **Required reviewers** | **Required reviewers** |
| | | Ensure that pull requests have a specific number of approving reviews before collaborators can make changes to a protected branch. | Ensure that pull requests have a specific number of approving reviews before collaborators can make changes to a protected branch. |
| | | **Pages and Wikis** | **Pages and Wikis** |
| | | Host documentation and simple websites for your project in a wiki format that contributors can easily edit either on the web or command line. | Host documentation and simple websites for your project in a wiki format that contributors can easily edit either on the web or command line. |
| | | **Environment deployment branches and secrets** | **Environment deployment branches and secrets** |

| | | | |
|---|---|---|---|
| | | A job cannot access secrets that are defined in an environment unless it is running on the specified branch. | A job cannot access secrets that are defined in an environment unless it is running on the specified branch. |
| | | **Web-based support** | **Web-based support** |
| | | GitHub Support can help you troubleshoot issues you run into while using GitHub. | GitHub Support can help you troubleshoot issues you run into while using GitHub. |
| | | | **Enterprise Managed Users** |
| | | | Own and control the user accounts of your enterprise members through your identity provider (IdP). |
| | | | **User provisioning through SCIM** |
| | | | Automatically invite members to join your organization when you grant access on your IdP. If you remove a member's access to your GitHub organization on your SAML IdP, the member will be automatically removed from the GitHub organization. |
| | | | **Enterprise Account to centrally manage multiple organizations** |
| | | | GitHub Enterprise Cloud includes the option to create an enterprise account, which enables collaboration between multiple organizations, gives administrators a single point of visibility and management and brings license cost savings for identical users in multiple organizations. |
| | | | **Environment protection rules** |
| | | | When a workflow job references an environment, the job won't start until all of the environment's protection rules pass. |
| | | | **Audit Log API** |
| | | | As a GitHub Enterprise Cloud organization administrator, you can now access log events using our GraphQL API and monitor the activity in your organization. |

| | | | SOC1, SOC2, type 2 reports annually |
|---|---|---|---|
| | | | GitHub offers AICPA System and Organization Controls (SOC) 1 Type 2 and SOC 2 Type 2 reports with IAASB International Standards on Assurance Engagements, ISAE 3000, and ISAE 3402. |
| | | | **FedRAMP Tailored Authority to Operate (ATO)** |
| | | | Government users can host projects on GitHub Enterprise Cloud with the confidence that our platform meets the low impact software-as-a-service (SaaS) baseline of security standards set by our U.S. federal government partners. |
| | | | **SAML single sign-on** |
| | | | Use an identity provider to manage the identities of GitHub users and applications. |
| | | | **Advanced auditing** |
| | | | Quickly review the actions performed by members of your organization. Keep copies of audit log data to ensure secure IP and maintain compliance for your organization. |
| | | | **GitHub Connect** |
| | | | Share features and workflows between your GitHub Enterprise Server instance and GitHub Enterprise Cloud. |
| | | | **GitHub Advanced Security** |
| | | | Automatically find and fix vulnerabilities before they are put into production. Get notified if your secrets have been exposed in your codebase. |
| | | | **Premium support** |
| | | | With Premium, get a 30-minute SLA on Urgent tickets and 24/7 web and phone support via callback request. With Premium Plus, get everything in Premium, assigned Customer Reliability Engineer and more. |