

This version of GitHub Enterprise was discontinued on 2023-03-15. No patch releases will be made, even for critical security issues. For better performance, improved security, and new features, [upgrade to the latest version of GitHub Enterprise](#). For help with the upgrade, [contact GitHub Enterprise support](#).

Enabling debug logging

In this article

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If the workflow logs do not provide enough detail to diagnose why a workflow, job, or step is not working as expected, you can enable additional debug logging.

Note: GitHub-hosted runners are not currently supported on GitHub Enterprise Server. You can see more information about planned future support on the [GitHub public roadmap](#).

These extra logs are enabled by setting secrets in the repository containing the workflow, so the same permissions requirements will apply:

- To create secrets for a personal account repository, you must be the repository owner. To create secrets for an organization repository, you must have `admin` access.
- To create secrets for an environment in a personal account repository, you must be the repository owner. To create secrets for an environment in an organization repository, you must have `admin` access. For more information on environments, see "[Using environments for deployment](#)."
- To create secrets at the organization level, you must have `admin` access.

For more information on setting secrets, see "[Encrypted secrets](#)."

Enabling runner diagnostic logging

Runner diagnostic logging provides additional log files that contain information about how a runner is executing a job. Two extra log files are added to the log archive:

- The runner process log, which includes information about coordinating and setting up runners to execute jobs.
- The worker process log, which logs the execution of a job.

1 To enable runner diagnostic logging, set the following secret in the repository that contains the workflow: `ACTIONS_RUNNER_DEBUG` to `true`.

2 To download runner diagnostic logs, download the log archive of the workflow run. The runner diagnostic logs are contained in the `runner-diagnostic-logs` folder. For more information on downloading logs, see "[Using workflow run logs](#)."

Enabling step debug logging

Step debug logging increases the verbosity of a job's logs during and after a job's execution.

- 1 To enable step debug logging, set the following secret in the repository that contains the workflow: `ACTIONS_STEP_DEBUG` to `true`.
- 2 After setting the secret, more debug events are shown in the step logs. For more information, see "[Using workflow run logs](#)."

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