To enable debug logs in Terraform, you can set the TF_LOG environment variable to a specific log level. Debug logs provide detailed information about Terraform's internal processes, which can be helpful for troubleshooting.

Steps to Enable Debug Logs > Set the TF_LOG Environment Variable

You can choose different levels of logging by setting TF_LOG to one of the following values:

- o   TRACE: Shows the most detailed logs, including all Terraform operations.
- o   DEBUG: Provides detailed information but less verbose than TRACE.
- o   INFO: Displays general informational messages.
- o   WARN: Shows warnings.
- o   ERROR: Displays only errors.
- o   OFF: Disables logging.

Example (for DEBUG level)

On Linux/Mac:

export TF_LOG=DEBUG

export TF_LOG_PATH=./terraform-debug.log

terraform apply