Cheatography

Rate Limits for Self Hosted GitHub Runners Cheat Sheet

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GitHub APIs	
API requests to GitHub from self hosted runners	1000 requests per hour across all actions within a repo
Primary rate limit for authenticated users	5,000 requests per hour
Primary rate limit for GitHub App installations	Min. 5,000 requests per hour (can go upto 12,500 depending upon the number of repos and users). 15,000 per hour if the installation is on a GitHub Enterprise Cloud Organization
Primary rate limit for GITHUB_TOKEN in GitHub Actions	1,000 requests per hour per repository. For GitHub Enterprise Cloud Account, the limit is 15,000 requests per hour per repo

Secondary Rate Limits:

Along with the primary rate limits noted above, GitHub also enforces some secondary rate limits.

- No more than 100 concurrent requests allowed.
- No more than 900 read requests per minute or 180 write requests per minute to a single REST endpoint.

Cloud Providers (Creating Runners)	
AWS EC2	Uses Token Bucket system. Maximum of 1000 tokens, with a refill rate of 2 tokens per second.
Google Cloud Engine	1500 requests per minute per region
Microsoft Azure	1200 writes per hour per subscription
Hetzner Cloud	3600 requests per hour per project

Package Registries	
RubyGems Rate Limit	10 requests per second

WarpBuild
WarpBuild provider's fully managed performant GitHub runners. Learn more @ https://warpbuild.com

Docker Hub	
Anonymous Users	100 pulls per 6 hours per IP address
Authenticated Users	200 pulls per 6 hour period per account
Users with Paid Docker Subscription	Up to 5000 pulls per day

Image Registries	
Amazon ECR	Authenticated: 10 image pulls per second Unauthenticated: 1 image pull per second
Google Artifact Registry	1000 requests per second. 300 write requests per second.
Azure Container Registry (Basic Tier)	1000 read, 100 write operations per minute

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