

4. Engineering & CI/CD

Standard: Use GitHub Apps instead of Personal Access Tokens (PATs) for machine-to-machine communication.	
Benefits: Apps offer fine-grained permissions and don't expire when an employee leaves.	

GitHub-Hosted: Default for standard builds (Node.js, Python, Java). Fast and maintenance-free.	
Private Self-Hosted (VMSS): Mandatory for any job requiring access to internal VPCs, private databases, or deployments into production landing zones. Use the label <code>runs-on: [self-hosted]</code> .	

Store your Docker images, npm packages, and Terraform providers in GitHub Packages .	
This ensures that our deployment artifacts are stored in the same ecosystem as our source code, reducing latency and increasing security.	