

Getting Started

Github Runner

1. Apply for a nitro enclave machine on AWS.
2. Configure the GitHub runner:
3.
 1. Settings → Actions → Runners → New self-hosted runner
4.
 1. Follow the instructions to configure the GitHub Runner
5. 3.
6. Download the Software Build Attestation Image.
7. Download the Attestation Build Tool.
- 8.

Github Action

Create `build_attestation.yml` under the project's `.github/workflow` directory.

...

Copy name: Software Build Attestation

on: release: types: [published]

jobs: build: permissions: write-all runs-on: [self-hosted] steps: - name: Checkout uses: actions/checkout@v2 - name: Build run: | attestation-build-tool build -output release.tar -nitro ~/ata-build-rust-latest.eif -name: Release uses: softprops/action-gh-release@v1 with: files: release.tar

...

Create `thebuild.json` file in the project.

...

Copy { "language": "rust", "input": { "cmd": "./scripts/build.sh", "vendor": "./scripts/vendor.sh" }, "output": { "files": ["target/release/binary",] } }

...

Attestation Build Tool

The Attestation Build Tool is a compilation tool that runs within the Runner. It will be responsible for running the nitro enclave and performing the compilation, and generating the Attestation Report. It can be downloaded [here](#).

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