

New SP1 Blobstream deployments

This document provides instructions for deploying SP1 Blobstream to a new chain.

[SP1 Blobstream](#) is the latest implementation of Blobstream in Rust using the [SP1](#) zkVM.

Deploying the contracts

To deploy SP1 Blobstream to a new chain, follow these steps:

1. Clone the sp1-blobstream repository:

```
shell git
```

```
clone
```

```
https://github.com/succinctlabs/sp1-blobstream cd
```

```
sp1-blobstream git
```

```
clone
```

```
https://github.com/succinctlabs/sp1-blobstream cd
```

sp1-blobstream 1. Follow the deployment instructions in the [sp1-blobstream README](#) 2. . 3. If you're deploying on a chain where there isn't a canonical verifier listed in the [SP1 contract addresses](#) 4. , you'll need to: 5. a. Deploy your own SP1 Verifier from the [sp1-contracts](#) 6. matching your sp1-sdk 7. version. b. Set the SP1_VERIFIER_ADDRESS 8. in your .env 9. file to the address of your deployed verifier. 10. To run the prover: 11. * For local proving, set SP1_PROVER=local 12. * in your environment. 13. * To use the Succinct Proving Network for remote proving, set SP1_PROVER=network 14. * . 15. * We recommend an instance with 64 vCPU and 128GB of RAM for local proving.

Note: Any whitelisting for custom provers would need to be implemented in the application's smart contracts (e.g., by using an approvedProvers mapping). [\[\[Edit this page on GitHub \]\]](#) Last updated: [Previous page Querying the Blobstream proofs](#) [Next page Overview of Blobstream X](#) []