

OP Contracts Manager

The OP Contracts Manager is a contract that deploys the L1 contracts for an OP Stack chain in a single transaction. It provides a minimal set of user-configurable parameters to ensure that the resulting chain meets the standard configuration requirements.

The version deployed is always a governance-approved contract release. The set of governance approved contract releases can be found on the Optimism Monorepo releases page, and is the set of releases named `op-contracts/vX.Y.Z`. It deploys the [Fault Proof System](#), using the [PermissionedDisputeGame](#).

- Ethereum address: [0x18cec91779995ad14c880e4095456b9147160790](#) ([opens in a new tab](#))
- Sepolia address: [0xf564eea7960ea244bfebcbbb17858748606147bf](#) ([opens in a new tab](#))

Purpose

OPCM simplifies the L1 contract deployments for new OP Stack chains. It addresses three aspects of deploying the OP Stack's L1 contracts:

1. Deploy Superchain Contracts.
2. Superchain contracts are shared between many OP chains, so this occurs only occasionally in production.
3. Deploy Shared Implementation Contracts.
4. This occurs once per contracts release in production.
5. Deploy OP Chain Contracts.
6. This occurs for every OP chain deployment in production.

In a future iteration, it also is meant to handle upgrading the smart contracts.

Learn more

- Checkout the [OPCM specs](#) ([opens in a new tab](#))
- Checkout the [OPCM design document](#) ([opens in a new tab](#))

[Pause and unpause the Bridge Interoperability](#)