

Title:

[ARFC] Aave V3 Deployment on Scroll mainnet

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Summary:

Proposal to deploy an Aave v3 MVP to Scroll mainnet with limited assets onboarding and conservative risk parameters in order to allow Aave to establish a strategic position in the Scroll ecosystem while limiting risk exposure.

Abstract:

This ARFC proposes the deployment of Aave V3 on Scroll mainnet. Scroll is an EVM-equivalent zk-rollup with the primary goal to provide scalability to Ethereum in the most robust and secure way. Scroll has been open source from day 1, has a strong in-house security team paired with rigorous audits, third party provers from their mainnet genesis block and are conducting a gradual decentralization of our sequencer network.

Motivation:

Aave will be given a prominent role in the early Scroll ecosystem and will be able to establish a strategic presence early on. Aave will be in good company as 150+ projects are launching on the network and Aave will be able to harness a vibrant new ecosystem that expands across the globe.

Proof of Liquidity and Deposit Commitments:

Recognizing the importance of stablecoins to the DeFi ecosystem generally and Aave ecosystem in particular, Aave's expansion onto Scroll mainnet will be supported by immediate liquidity of 500,000 USD in \$AAVE staked to the Aave Safety Module to provide additional security guarantees and limit risk exposure to the DAO.

Specification:

The proposal will detail the deployment of Aave V3 on Scroll mainnet with three collaterals (WETH, USDC, wstETH) and one borrowable asset (USDC). We consulted Gauntlet and Chaos Labs for preliminary risk parameters.

Risk Parameter

WETH

wstETH

USDC

Isolation Mode

NO

NO

NO

Enable Borrow

YES

NO

YES

Enable Collateral

YES

YES

YES

Emode Category

Eth-correlated

Eth-correlated

N/A

Loan To Value

80%

80%

82.5%

Liquidation Threshold

82.5%

82.5%

85%

Liquidation Bonus

5%

5

5%

Reserve Factor

15%

15%

15%

Liquidation Protocol Fee

10%

10%

10%

Borrow Cap

11000

1N/A

\$40M

Supply Cap

1100(\$20M)

500(\$10M)

40m(\$40M)

Debt Ceiling

N/A

N/A

N/A

uOptimal

80%

45%

90%

Base

0%

0%

0%

Slope1

4.8%

4.8%

4%

Slope2

80%

80%

60%

Deployment Checklist:

- Risk service provider's feedback
- [Technical evaluation](#)
- Oracle recommendation
- The graph support
- Cross-chain messaging infrastructure for governance

Useful Links:

TEMP CHECK forum post: [\[TempCheck\] Aave v3 MVP deployment on Scroll mainnet](#)

TEMP CHECK Snapshot vote: [Snapshot](#)

Disclaimer:

As part of its delegate platform, the ACI promotes L2 diversity. The Aave-Chan Initiative (ACI) is not associated with or compensated by Scroll for publishing this ARFC.

Next Steps:

1. Refine the ARFC based on community feedback and risk service provider recommendations.
2. If consensus is reached and the proposal is refined, submit the ARFC for a snapshot vote for final approval.
3. If consensus is reached, submit a deployment AIP to activate Aave V3 on the Scroll.

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