Protocol Features Summary

The Aave Protocol offers features which may only be available in select networks or market. The following guide gives a breakdown of each features availability across all Aave Protocol deployments.

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Network Feature Summary

Network AAVE Staking Governance Voting Cross-Chain Governance Execution Snapshot Voting ETH Mainnet Yes Yes

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AAVE, aAAVE (V2 Market), stkAAVE, stkABPT Polygon No No Yes AAVE, aAAVE (V2 Market) Avalanche No No No AAVE, aAAVE (V2 Market) Arbitrum No No No None Optimism No No No None Fantom No No No None Harmony No No No None

Market Feature Summary

Market Repay With Collateral Collateral Switch Repay With aTokens V2 ETH Mainnet Yes Yes No V2 AMM No No No V2 Polygon Yes Yes No V2 Avalanche Yes Yes No V3 ETH Mainnet Yes Yes Yes V3 Polygon Yes Yes Yes V3 Avalanche Yes Yes Yes V3 Arbitrum Yes Yes Yes V3 Optimism Yes Yes Yes V3 Fantom Yes Yes Yes V3 Harmony Yes Yes Yes

Repay With Collateral

Therepay with collateral feature allows borrowers to repay their borrowed assets using supplied liquidity within the protocol.

This feature is enabled viaParaSwapRepayAdapter . The user must first approve the contract to pull ATokens to successfully repay with collateral.

Supported Markets

Feature available on followingmainnet markets:

- V2 Ethereum Main
- V2 Polygon
- V2 Avalanche
- V3 Polygon
- V3 Avalanche
- V3 Fantom
-

This feature does not support repayment of a borrow transaction with the same type of asset (e.g., repaying borrowed USDC with USDC collateral). For repayments with same type of collateral asset see Repay With ATokens feature.

Collateral Switch

Thecollateral switch feature allows the user to switch supplied liquidity in one asset type to another asset type without a separate withdrawal and supply transaction (e.g., switchingaUSDC toaDAI in a single transaction).

Thecollateral switch feature is enabled via theParaSwapLiquiditySwapAdapter . The user must approve the contract to pull

ATokens in order to successfully switch liquidity.

Supported Markets

Thecollateral switch feature is available across all V3 markets.

Repay With ATokens

Repay with ATokens is a new Aave protocol V3 native feature, which allows the user to repay borrowed assets with supplied liquidity of the same asset type in the pool (e.g., repay borrowedUSDC withaUSDC) . Additional details can be located atNew Feature: repay with atoken .

Supported Markets

Therepay with ATokens feature is available on all V3production andtestnet markets:

- V3 Polygon
- V3 Avalanche
- V3 Fantom
- V3 Harmony
- V3 Optimism
- V3 Arbitrum
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Staking

Existing feature from aave governance V2. An AAVE or ABPTAave Balancer Pool Token holder can stake their AAVE or ABPT in the Safety Module to enhance protocol solvency and earn Safety Incentives. Upon the occurrence of a shortfall event, up to 30% of the token holder's stake can be slashed to cover the deficit, providing an additional risk mitigation mechanism for the protocol.

The staking option is only available on Ethereum Mainnet. Learn more about staking riskshere

Snapshot Voting

Existing feature from Aave governance V2. TheAave Snapshot Space is a designated place for voters to gauge the community sentiment for on-chain votes and decide off-chain proposals. Voting on Snapshot proposals is done via a gasless signature and is compatible with a variety of assets and chains. A list of available voting strategies can be viewedhere or queried in realtime via thisGraphQL endpoint .

On-Chain Governance

Existing feature from Aave governance V2. Aave Governance allows holders of AAVE or stkAAVE to vote and propose changes and/or upgrades to the protocol and governance. The governance process is describedhere in more detail.

Aave Governance is only enabled on Ethereum mainnet.

Cross-Chain Governance Bridges

Relatively new feature integrated on chains that support cross-chain messaging. All voting for Aave Governance proposals occurs on Ethereum mainnet. Governance bridges can be used to take the result of proposal voting on Ethereum mainnet to execute proposals on other chains.This repo contains the technical implementation for cross-chain bridges.

The cross-chain bridge is currently available on the Polygon network.

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