Topaz

Documentation

Getting Started

Overview Quick Start FAQ Glossary

Concepts

AMM & Pool Types Concentrated Liquidity Impermanent Loss Oracles & TWAP

Trading

Swaps & Routing

Liquidity

Providing Liquidity Concentrated Positions Pool Fees Staking in Gauges

Tokenomics

TOPAZ & Emissions veTOPAZ Locks Bonus Lock

Voting & Incentives

Gauge Voting Incentives (Bribes) Managed Locks

Governance

Protocol Governance

Private Swaps

Overview Do a Private Swap Order History Recovery & Refunds

Stats

Overview Pools↗ Foundation↗ Dynamic Fees↗ Methodology↗

Developers

Contracts Integration Guide Data API

Agents

Overview Topaz Agent Runtimes & Install Capabilities Safety Model

Security

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Documentation

Everything you need to use, integrate with, and reason about Topaz — the ve(3,3) AMM and liquidity-governance protocol on BNB Chain. Start with the Overview for the protocol in five minutes, or jump straight into Concentrated Liquidity if you're here to LP.

Getting Started

Orient yourself, then dive in.

Overview

What Topaz is, why ve(3,3), and how the pieces fit together on BNB Chain.

Quick Start

Swap, provide liquidity, lock TOPAZ, and vote — the five-minute walkthrough.

FAQ

Fast answers to the most common questions about Topaz, mainnet, and the app.

Glossary

Every term used across these docs — defined plainly and cross-linked.

Concepts

Foundational DeFi knowledge applied to how Topaz works.

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AMM & Pool Types

Constant-product math, stable vs volatile pools, the role of LP tokens, and why pools exist.

Concentrated Liquidity

Ticks, price ranges, capital efficiency, and active vs out-of-range positions on Slipstream.

Impermanent Loss

Why LP returns can diverge from holding, and how range selection and fees offset it.

Oracles & TWAP

Slipstream's in-pool TWAP oracle, observation cardinality, and BNB Chain considerations.

Trading

Move tokens through Topaz with the best execution.

Swaps & Routing

How swaps execute, exact-in vs exact-out, slippage, MEV, and multi-hop / mixed v2+CL routing.

Liquidity

Provide liquidity in both v2 and Slipstream pools, and earn.

Providing Liquidity

Adding liquidity to v2 stable and volatile pools, LP tokens, withdrawing, and zaps.

Concentrated Positions

Slipstream-specific: tick spacing tiers, mint/increase/decrease/collect, NFT positions.

Pool Fees

Default fees, custom fee overrides, dynamic fees, unstaked-position fees, and how fees flow.

Staking in Gauges

Stake LP tokens (v2) or position NFTs (Slipstream) into gauges to earn TOPAZ emissions.

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Tokenomics

TOPAZ supply, emissions, and the veTOPAZ lock.

TOPAZ & Emissions

Token allocation, the three-phase emission curve, rebases, and tail emissions.

veTOPAZ Locks

Lock mechanics, voting power decay, permanent locks, merge / split, and delegation.

Voting & Incentives

Direct emissions, earn fees, capture incentives.

Gauge Voting

Vote with veTOPAZ each epoch to direct emissions and earn pool fees + incentives.

Incentives (Bribes)

How protocols pay voters for emissions and how voters maximize incentive ROI.

Managed Locks

Pool small veTOPAZ positions into a managed veNFT to participate without active management.

Governance

On-chain protocol governance.

Protocol Governance

ProtocolGovernor for parameter changes, EpochGovernor for tail-rate nudges, and admin roles.

Stats

Public analytics, foundation transparency, and dynamic-fee performance.

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Overview

How the public stats dashboard and JSON API are produced — snapshot cadence, sources, transparency commitments.

Pools Dashboard

Live: every v2 and Slipstream pool ranked by TVL, volume, fees, or APR.

Foundation Dashboard

Live: foundation veTOPAZ holdings, vote allocation, bribes claimed, and per-gauge KPI classification.

Dynamic Fees Dashboard

Live: CL pools with dynamic fees enabled — current fee level, baseline, and flex history.

Methodology

Live: per-metric definitions, formulas, data sources, and version pinning.

Developers

Build on top of Topaz.

Contracts

Every deployed contract on BNB Chain with verified BscScan links.

Integration Guide

Token whitelisting, pool / gauge creation, listing incentives, and routing through Topaz.

Data API

Public JSON endpoints powering the stats dashboard — envelope, parameters, examples.

Security

Audits, risk, and admin disclosures.

Security & Audits

Shieldify security review, admin controls, and risk disclosure.

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History

How the protocol launched.

Airdrop & Sacrifice

Pre-mainnet airdrop snapshot and Abstract sacrifice — mechanics and final allocations.

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