

Ocelloids Monitoring Tool

1 - Crosschain Bridges and OpenGov Tracking

Submitted by: SO/DA Zone

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Overview

This milestone introduces support for tracking flows across several major ecosystem bridges:

- Polkadot–Kusama Bridge
- Snowbridge
- Hyperbridge
- Wormhole

Bridge flows now appear on xcscan.io, along with XCM flows.

We also integrated an EVM connector to Ocelloids for real-time tracking of transactions and events on:

- Ethereum
- BNB Chain
- Base
- Optimism
- Arbitrum

Finally, we added an OpenGov monitoring agent that follows proposal life cycles, along with a Telegram egress channel to deliver notifications.

Deliverables

Tasks	Deliverables	Links
1.a Documentation	User guides, documentation and support materials	Crosschain docs
		OpenGov docs
		Messaging delivery channel docs
		Client SDK Documentation
1.1 EVM Connectivity	EVM ingress connector with ability to ingest blocks and events, with resilient retries and reconnect logic, re-org handling and automatic catch-up on missed blocks.	Pull request
		Implementation
1.2 Wormhole Bridge	New agent in Ocelloids to track Wormhole transfers to and from Moonbeam. Supports Wormhole Portal and Wormhole Standard Relayer protocols.	Pull request
		Implementation
		Deployed in XCSCAN
1.3 Snowbridge	Capability in XCM agent to track Snowbridge messages. Supports both V1 and V2.	Implementation
		Deployed in XCSCAN
1.4 Polkadot/Kusama Bridge	Capability in XCM agent to correlate XCM over PK bridge.	Pull request
		Implementation
		Deployed in XCSCAN
1.5 Hyperbridge	New agent in Ocelloids to track Hyperbridge ISMP messages. Currently supports Bifrost, Nexus, Ethereum, BSC, Base, Optimism, Arbitrum. Support for Hydration will be added.	Pull Request
		Implementation
		Deployed in XCSCAN
1.6 OpenGov Agent	New agent in Ocelloids to track and decode OpenGov proposal life-cycle events. Currently deployed with Telegram bot notifier with a subscription for Polkadot and Kusama proposals, but supports any network that has the OpenGov pallet.	Pull request
		Implementation
		Join OpenGov updates Telegram channel
1.7 Telegram Connector	Capability in Ocelloids Egress to send notifications in Telegram. Supports setting up new Telegram notification bots and templates for messages.	Pull request
		Implementation

