EOS Network
Foundation

Program and Operations
Health Report

01 SEP 2023

Agenda

Section	Description
1	New Initiatives
2	Operations Metrics
3	Contracts, RFPs, Grants Metrics
4	Completed Projects

EOS Network Foundation

New Initiatives

Q4 2023 Release 5.0

Projects +	Summary Details	Updates	Status	Coding	Peer Review	Code Freeze	Integration Testing	Release Candidate
Leap								
IF (Instant Finality)	Instant Finality implements near-immediate byzantine fault-tolerant deterministic finality as part of the core EOSIO protocol in order to improve responsiveness of application	Milestone #1 not part of critical path for Antelope v5.0.0-rc1, focus on Leap Hotstuff integration	At Risk					
IBC (inter blockchain communication)	IBC (inter blockchain communication) protocol allows for any action taking place on an EOSIO blockchain (chain A) to be cryptographically provable to another EOSIO blockchain (chain B)	Ready to integrate with Leap. IF to take priority over IBC if necessary	Good					
P2P Peer Discovery	Implement improvements to peer node discovery and synchronization processes within the peer-to-peer (P2P) protocol of the nodeos service	E. Passmore completing milestone technical reviews, providing feedback to project team	At Risk					
P2P Improvements	Milestones: improve sync time for new/restarted node; reduce number of steps for new node configurations; improve transactions reliability and speed.	Milestones #7, #8 at risk of missing v5.0.0-rc1 due to current time and resource constraints, issues reported	At Risk					
Automated Replay Test	Antelope Core developers run an automated replay test from Genesis within one day to confirm consensus and uptime reliability.	Completed AWS configurations milestone. Project implementation in progress with 9/2023 target complete date.	Good					
Enhance WASM Parallelization	Supports EOS users by changing eos-vm runtimes (resolving resource limits) resulting in increases to number of concurrent WASM executions.	EOS VM improvements (in-progress). Project implementation in progress with 9/2023 target complete date.	Good					
Reproducible Pinned Builds	Milestones: minimize modifications to existing pinned build scripts; integrate scripts into Antelope Leap's CI; use existing fleet of runners for resource utilization.	Moved to Leap 6.0.	Blocked					
Additional Components								
IP port configuration for nodeos HTTP endpoints	Enhances node operator nodeos endpoints, resulting in flexible IP and port configurations. This includes customized IP addresses/hostnames/ports for nodeos endpoints and Unix socket paths for secure local-only connections.	**Completed**	Good	05 MAY 2023	22 MAY 2023			
IPv6 Everywhere	Supports node operators for IPv6 addresses and IPv6 P2P traffic by eliminating limitations associated with IPv4 addresses resulting in improved efficiency running multiple nodes.	**Completed**	Good	03 MAY 2023	18 MAY 2023			
Selectively Leverage EOS VM OC	EOS and EVM users can use an auto optimistic concurrency (OC) mode as default setting resulting in performance boost, improved transaction execution, and enhanced scalability/efficiency to build blocks and speculative transaction executions.	**Completed**	Good	08 JUN 2023	20 JUN 2023			

Good	At Risk	Blocked

Project Health Scorecard

Project	Headline	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ENF Projects													
GoLang Security Port	COMPLETE - Antelope Leap v4.0.0 released												
Performance Test Harness	COMPLETE - Antelope Leap v4.0.0 released												
Performance Test Harness Stage 3	PAUSED - allocated to different initiatives												
Regression Test Harness	BLOCKED - resources focus on other projects												
P2P Improvements	Milestone #5 put up for peer review												
OCI Staff Augmentation	Focus on EVM CICD, IF specific-tasks												
Hypha - DAO	DAO can use app without utility token feature												
EOS EVM Launch	COMPLETE - Launched												
Leap Parallelize Speculative	COMPLETE - Antelope Leap v4.0.0 released												
Hubspot	COMPLETE - HubSpot set up complete												
ENF Website Rebuild	COMPLETE - Project merged with Rebranding												
EOS EVM BD Funnel	COMPLETE - Launched												
EOS Network Rebranding	COMPLETE - Project merged with Website												
EOS EVM (v0.5)	COMPLETE - EVM v0.5.0												
Automated Replay Test (Chicken Dance)													
EOS EVM (Release v0.6.0)													
Enhance WASM parallelization													
EOS Network Rebrand + Website Upgrade	FUNDAY final template, toolkit, icons hand-off												

Legend: Future | Good | At Risk | Issues | Past start date | Future End Date | Complete

5

Project Health Scorecard

Project	Headline	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Antelope Projects (Coalition)													
IBC	Timelines adj. to align with Antelope v5.0	🟡	🟢	🟢	🟢	🟢	🟢	🟢	🟢	🟢	⬜		
Instant Finality	Hotstuff code cleanup, Leap integration work	🟡	🟡	🔴	🔴	🔴	🔴	🔴	🔴	🔴	⬜		
Wallet+ SDKs	Milestone #5 complete, Antelope Lib v0.8.0	🟡	🟡	🔴	🔴	🟡	🟡	🟡	🟡	🟡			
Antler/CDT	COMPLETE - CDT and Dune stable, released	🟡	🟡	🔴	🔴	🔴	🔴						
Coalition Ledger App	COMPLETE - Project paused		🟢	🟡	🔴	🔴							
P2P Peer Discovery	Ongoing deployment to public testnet		🟢	🟢	🟡	🟡	🟢	🟡	🔴	🔴			

Legend: Future | Good | At Risk | Issues | Past start date | Future End Date | Complete

EOS Network Foundation

Project Start Date: 02 FEB 2023
Project Summary: Performance Harness Phase 3 will add more automation to build on previous Phases 1 & 2. Includes adding additional features and analysis capabilities, along with Cloud CI/CD

Note: Previous Phases 1 & 2 included with Mar/Apr 2023 Leap 4.0 Release

Report Date: 01 SEP 2023

Status Scorecard

Schedule			☑
Scope	☑		
Resources			☑

Highlights & Accomplishments

May 2023
- Performance Test Basic report needs filed indication success/failure

June 2023
- Expand Performance Test reporting to indicate success/failure metrics
- HTTP Transaction Generator – Read-only transaction support
- API Node Documentation

July 2023
- CICD support for previous versions of nodeos for Performance Harness

August 2023
- Simple manual dispatch workflow for PH in CICD

September 2023
- No Updates

Key Milestones

Description	Planned	Act/*Est
Baseline: EOS Mechanics CPU & RAM transactions	07 APR 2023	07 APR 2023
Block Producer Operational Mode	15 MAY 2023	19 MAY 2023
API Node (HTTP Node) Operational Mode	30 JUN 2023	*TBC
Relay Node Operational Mode	30 SEP 2023	*TBC
Canary Node Operational Mode	30 SEP 2023	*TBC
SHiP Node Operational Mode	30 SEP 2023	*TBC
Trace API Node Operational Mode	30 SEP 2023	*TBC
Performance Harness EVM	30 SEP 2023	*TBC

Upcoming Activities / In Progress

- **PAUSED** - teams allocated to different initiatives
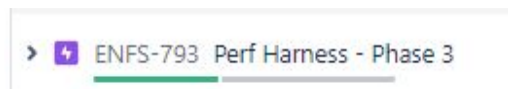- API Node (HTTP Node) Operational Modes

Issues / Risks / Escalations

- Perf Test project resources limited, prioritizing EVM Perf Harness - *escalated*

Complete
In Progress
Backlog

> ENFS-793 Perf Harness - Phase 3

Regression Test Harness

Report Date: 01 SEP 2023

EOS Network Foundation

Project Start Date: 01 SEP 2022
Project Summary: Regression Harness to improve the maintainability, utility, and reliability of the test harness

Note: Architectural design outlines post-4.0 features

Status Scorecard

Schedule			☑
Scope	☑		
Resources			☑

Highlights & Accomplishments

June 2023
- Regression Test Harness tests failing, currently under review
- Get test to pass in the current main Leap environment completed
- Tests that failed w/ recent updates to main now passing, in Peer Review
- Make use of send_transaction2 in Test Harness

July 2023
- No updates

August 2023
- No updates

September 2023
- No updates

Key Milestones

| Description	Planned	Act/*Est
Nodeos Process Controls	22 MAY 2023	22 MAY 2023
Make use of send_transaction2 in Test Harness *(replace Capture Nodeos logs into an archive)*	01 JUN 2023	23 JUN 2023
Migrate boilerplate into the test harness	15 JUL 2023	*TBC
Expose log truncation	17 JUL 2023	22 MAY 2023
Add Python logging library to regression harness	22 AUG 2023	*TBC
Improve debugging environment/artifact capture	15 SEP 2023	*TBC
Declarative configuration of cluster nodes	01 OCT 2023	*TBC

Upcoming Activities / In Progress

- **PAUSED** - teams allocated to different initiatives
- Add Python logging library to regression harness

Issues / Risks / Escalations

- Regression Test project resources limited, prioritizing P2P - ***blocked***

Complete
In Progress
Backlog

ENFS-166 Regression Testing Enhancements
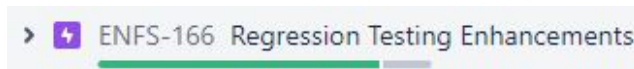
Project Start Date: 01 SEP 2022
Project Summary: OCI will hand bug fixes, upgrades and other assigned projects that fall under the Leap 3.1, 3.2, 4.0, 5.0 environments, and EOS EVM

Note: Key milestone dates adjusted to reflect upcoming Aug/Sept 2023 Release

Status Scorecard

Schedule	✅		
Scope	✅		
Resources	✅		

Highlights & Accomplishments

August 2023
- EOS-EVM repo generates WASM, abi files built binary archive for eos-evm contract
- EOS-EVM-node repo integration test
- Update integration test to use eos-evm-miner instead of tx-wrapper

September 2023
- Refactor EVM performance test* into Performance Harness module
- Extend EVM launch_transaction_generators

Note: IF: See IF (Instant Finality) report for complete list of OCI completed items

Key Milestones

Description	Planned	Act/*Est
+Milestones Complete..		
Leap 5.0 (all new feature work and bugs)	15 SEP 2023	*15 SEP 2023
Bug Fixes (backport)	TBC	*TBC
Instant Finality (Ad-hoc tasks as assigned)	15 SEP 2023	*15 SEP 2023
EVM Performance Harness MVP Implementation	31 AUG 2023	*29 SEP 2023
EVM Performance Harness Graph Artifact Support	05 OCT 2023	*05 OCT 2023
EVM Performance Harness Documentation	12 OCT 2023	*12 OCT 2023

Upcoming Activities / In Progress

- Implement new EVM swap transaction generator
- Add CI to evm-bridge-contracts
- Install node and solc dependencies in Docker image
- Pull in eos evm contract for use in testing in CICD
- Support transition legacy consensus to HotStuff consensus - Instant Finality
- Leap 5.0 (feature work and bugs), Bug Fixes (backport)

Note: See IF (Instant Finality) report for complete list of OCI in peer review items

Issues / Risks / Escalations

- EVM CICD work to prioritize over EVM PH work per A. Hayrapetian - *accepted*

Complete	🟩
In Progress	🟦
Backlog	⬜

> ⚡ ENFS-951 Perf Harness - EVM

> ⚡ ~~ENFS-1023~~ EVM (Current) not performance harness related.

> ⚡ ENFS-829 Leap 5.0

> ⚡ ~~ENFS-912~~ Bug Fixes (backport)

> ⚡ ~~ENFS-1011~~ Instant Finality (5.0)

9

EOS Network Foundation

Project Start Date: 09 JUN 2023
Project Summary: Goals of P2P is to select and manage the appropriate peers to build the strongest and most robust network to improve the user experience and infrastructure efficiency for node operators on Antelope-based networks

Link: https://github.com/eosnetworkfoundation/product/issues/2

Status Scorecard

Schedule		☑	
Scope	☑		
Resources	☑		

Highlights & Accomplishments

July 2023
- Milestone #2, #3 ready for tests once boost is uploaded to main, Antelope PR#1142
- Milestone #4, Allow use of multiple ports for P2P completed

August 2023
- Rework milestones #2, #3 after PR 1142 was merged to prep for pull request
- Milestones# 2, #3 completed, up for peer review
- Review milestone dates, update estimates with OCI engineers
- POC - Terminal-based UI tool for managing and monitoring P2P completed
- Prometheus logging for P2P Peer Connection attributes completed
- Terminal-based UI tool for managing and monitoring P2P

September 2023
- Ability to limit peer bandwidth consumption completed, put up for peer review

Key Milestones

Description	Planned	Act/*Est
#1 P2P sync improvements	09 JUN 2023	12 JUN 2023
#2 POC: Terminal-based UI tools managing/monitoring P2P	07 JUL 2023	16 AUG 2023
+Milestones Completed...		
#5 Ability to limit peer bandwidth consumption	21 JUL 2023	*11 SEP 2023
#6 Ability to label internal vs external peers	04 AUG 2023	*11 SEP 2023
#7 Set server limit for --sync-fetch-span	08 AUG 2023	*15 SEP 2023
#8 1-pager document summarizing P2P Improv. solutions	TBC	*TBC
#9 Stop nodeos from syncing blocks from the network while snapshot in progress	14 AUG 2023	*TBC
#10 Execution/Refinement: Terminal-based UI tools for managing/monitoring P2P	07 SEP 2023	*TBC

Upcoming Activities / In Progress

- Ability to label internal vs external peers
- Set server limit for --sync-fetch-span
- 1-pager document summarizing P2P Improv. solutions
- In Peer Review:
  - Ability to limit peer bandwidth consumption

Issues / Risks / Escalations

- Resource planning may impact some features planned for 5.0 release - *accepted*
- Milestones #8, #9, #10 risk missing initial v5.0.0-rc1 per Exec. teams - *accepted*
- Engineers directed to focus on coding, impacting marketing initiatives - *accepted*

Complete
In Progress
Backlog

> ⚡ ENFS-931 P2P Code Updates (Leap 5.0)

EOS Network Foundation

Project Start Date: 12 SEP 2022
Project Summary: Hypha to create a DAO management system for EOS

Final Project Milestone: Warranty Period (x6): Payment dates TBC/coordinate with beta launch

Status Scorecard

	Green	Yellow	Red
Schedule			☑
Scope	☑		
Resources	☑		

Highlights & Accomplishments

August 2023
- Hypha members fine-tuning translation for English, Spanish completed
- Hypha services catalogue created for users
- New how-to and instructional videos created, updated
- Launched affiliate program (affiliate lead)
- Planning for Milestone #4 reviewed, requirements
- Design for milestone #4 completed, ready for UI changes
- Frontend work for milestone #4 completed
- Invitation feature through wallet, link to join through hypha.earth
- Tokenomics feature can be split, DAO can use app without utility token
- (4) ENF representatives to use DAO submitted to ENF for input
- Video program launched, all recordings completed for Beta, post-processing/sound
- Hypha fine-tuning auto-translation additional languages French, Chinese, Korean
- Testing, stabilizing final Beta version on EOS mainnet
- Finishing unit tests, prepare for external security audit

---

Key Milestones

Description	Planned	Act/*Est
#1: Onboarding - profile service deploy for EOS, Mobile Version, Pricing Model +Freemium, staking and burning	14 OCT 2022	13 OCT 2022
#2: DAO Creation Wizard, Smart Contracts deploy on EOS	25 NOV 2022	17 NOV 2022
#3: Dgraph k8 deployment for EOS, Smart Badges	20 JAN 2023	03 FEB 2023
#4: EDEN Democratic process as a governance setting	24 FEB 2023	*22 SEP 2023
#5 Ecosystem Filter, Voting Module (Config Page), Msig on config settings, Policy Proposals, Quest Proposals, Circle Proposals	14 APR 2023	03 MAY 2023
#6 Templates Treasury, Redemption Processing	26 MAY 2023	06 JUN 2023
#7 Notifications, Payroll Modules/Salary Bands, Multilingual, First Signer Pays	07 JUL 2023	10 AUG 2023

Upcoming Activities / In Progress

- Pre-launch communications preparations
- Beta launch MVP
- Config template for Eden Election, MS#4 development 60% complete
- Refactoring, rewriting after milestones complete to stabilize DAO
- Final Go/No Go decision for Beta launch
- EOS Community Webinar to promote DAO with ENF x Hypha (OCT)
- Integration guide and documentation for GraphQL API (post-launch)

Issues / Risks / Escalations

- Clarify any EOS Network requirements for Hypha to launch on Mainnet - *resolved*
- Hypha to confirm with Eden location to write election results - *resolved*

11

EOS Network Foundation
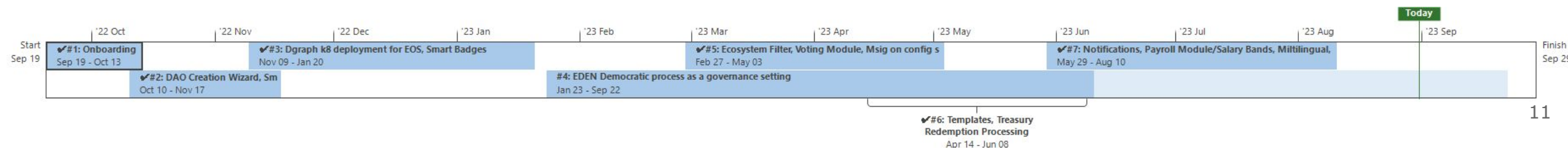
Project Start Date: 29 JUN 2023.
Project Summary: Antelope Core developers run an automated replay test from genesis within 1 day to confirm consensus is maintained and uptime reliability continues.

Link: https://github.com/eosnetworkfoundation/product/issues/91

Report Date: 01 SEP 2023

Status Scorecard

Schedule		☑	
Scope	☑		
Resources		☑	

Highlights & Accomplishments

July 2023
- Confirmed scope work breakdown, milestone definition, and schedule
- Completed production solution design phase
- Initiated AWS Configurations for Replay Test

August 2023
- Completed AWS Configurations for Replay Test:
  - Created AWS S3 Bucket to store snapshots and blocklogs
  - Setup S3 and grant permissions to accounts

September 2023
- Continued milestone planning/implementation for Blockslog and Snapshot.

Key Milestones

Description	Planned	Act/*Est
Chicken Dance Solution Design	20 JUL 2023	20 JUL 2023
AWS Configurations for Replay Test	01 AUG 2023	03 AUG 2023
Blockslog and Snapshot	08 AUG 2023	*12 SEP 2023
Scripting for Replay Tests	28 AUG 2023	*15 SEP 2023
Run and Validate Replay Tests	31 AUG 2023	*20 SEP 2023

Upcoming Activities / In Progress

- Blockslog and Snapshot:
  - Gather Snapshot into equal chunks
  - Gather Blockslogs from Genesis to current.

Issues / Risks / Escalations

- Milestone date slippage due to resource availability - *monitor*
- Upcoming staff PTO/vacation schedules - *accepted*
- Leap timeline (code complete target 15 SEP 2023) - *monitor*

EOS Network Foundation

Project Start Date: April 2023 (Launch on mainnet) / June 2023 (Mainnet upgrade to 0.5)

Project Summary: Build an Ethereum Virtual Machine based on the EOS network, a turn-key solution for developers to operate their apps on a full #Ethereum-compatible chain and benefit the high throughput, scalability, security and reliability from the EOS infrastructure

Status Scorecard

Schedule	✅		
Scope	✅		
Resources	✅		

Highlights & Accomplishments

August 2023
- Work on findings from Blocksec (security audit and differential testing)
- Scope of release v.0.6.0 reviewed
- Timeline of release v.0.6.0 confirmed
- Blocksec security audit report drafted
- Release noted for Bridge FE v0.8 drafted
- Discussion with CEXs: OKX is finalizing development to support inline transfer
- Completed components of Advanced trustless bridge:
  - Add call action #608
  - Silkworm changes to support advanced trustless bridge #609
  - Basic message emission mechanism of advanced trustless bridge #610
  - Initial iteration of eosio.erc2o contract #611

September 2023
- Development of components of Advanced trustless bridge. PR being reviewed for:
  - Continue development of eosio.erc2o contract #612
  - Complete MVP version of eosio.erc2o contract #613

Key Milestones

Description	Planned	Act/*Est
Features dev complete	SEP 2023	*SEP 2023
Transaction Hash Mapping for EOS EVM and EOS	JUL 2023	JUL 2023
EVM Contract Performance Test	JUL 2023	JUL 2023
Silkworm Version Upgrade	JUL 2023	JUL 2023
Support Batch Requests via Silkworm Upgrade	JUL 2023	JUL 2023
Advanced Trustless Bridge v1 - USDT (EOS) Support	AUG 2023	*SEP 2023
Bridge UX Localization v1	AUG 2023	*SEP 2023
Oracle Integration v1: Pyth Network	SEP 2023	*SEP 2023
Websocket Support Short-Term Investigation	SEP 2023	*SEP 2023
EOS EVM v0.6.0 release	SEP 2023	SEP 2023

Upcoming Activities / In Progress

- Feature-complete state and code freeze
- Trustless bridge security audit by Blocksec
- Deployment to testnet: testing and bug fixing

Issues / Risks / Escalations

- Work required on security issues might impact the timeline - *monitor*
- Additional work required due to technical complexity of Advanced trustless Bridge might impact the timeline - *monitor*

Project Start Date: 03 MAY 2023
Project Summary: Supports EOS users by changing eos-vm runtimes (resolving resource limits) resulting in increases to number of concurrent WASM executions.

Link: https://github.com/eosnetworkfoundation/product/issues/149

Status Scorecard

Schedule		☑	
Scope	☑		
Resources	☑		

Highlights & Accomplishments

July 2023
- Completed design document for parallel read-only transaction execution.
- Completed parallel read-only trx execution fallback for OC tier-up.
- EOS VM Improvements:
  - WASM compiled code shareable across threads (thread safe).

August 2023
- EOS VM Improvements:
  - WASM code for EOS VM JIT compiles only once (was twice).
  - Single execution context per thread (was per contract) (coding).
  - EOS VM OC's memory slice count reduced for higher parallelization.

September 2023
- PRs to setup to use a single execution context per thread (currently per contract).

Key Milestones

Description	Planned	Act/*Est
Parallel Read-only Trx Execution Improvements Design	18 JUL 2023	18 JUL 2023
EOS VM Improvements	21 AUG 2023	*12 SEP 2023
WASM Validation	12 SEP 2023	*14 SEP 2023

Upcoming Activities / In Progress

- Implement EOS VM Improvements:
  - Setup to use a single execution context per thread (currently per contract)
  - Default read-only increased to 128 threads (currently 8 threads).

Issues / Risks / Escalations

- Milestone date slippage due to peer review delays - *monitor*
- Upcoming staff PTO/vacation schedules - *accepted*
- Leap timeline (code complete target 12 SEP 2023) - *monitor*

Marketing	**EOS Network Rebrand + Website Upgrade**	ENF+

Report Date: 01 SEP 2023

Status Scorecard

Schedule	🟩	🟨	🟥
Scope	🟩	🟨	🟥
Resources	☑️	🟨	🟥
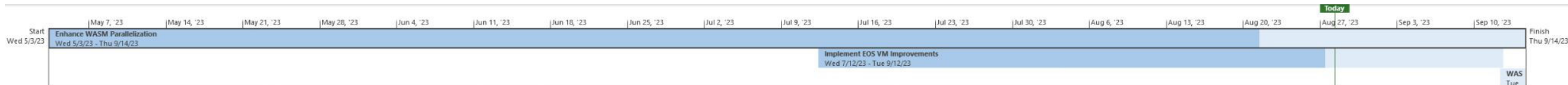
Project Start Date: 07 FEB 2023 / 15 MAR 2023 (original proj. start dates)
Project Summary: Next phase of rebranding project for EOS Network, EOS EVM with rebuilding the EOS Network Foundation website www.eosnetwork.com

External Vendors: Double Up Digital

Highlights & Accomplishments

August 2023
- Brand bible (arch and relationships, pillars, messaging)
- Final package hand-off from FUNDAY to ENF
- ENF Marketing to outline next steps for brand rollout
- Compiled list of digital, physical assets to update
- Identified new milestones to for next phase of project
- Final package hand-off from FUNDAY to ENF
- ENF Marketing to outline next steps for brand rollout
- Compiled list of digital, physical assets to update
- Identified new milestones to for next phase of project
- Graphic Mint Sprint #5, #6 completed, final Figma files handed off to ENF, DUD
- EOS Network Rebranding + EOS Network website upgrades reports consolidated

September 2023
- FUNDAY scope of work completed, final hand off to ENF:
  - social media templates, community toolkit, icons, artwork

Key Milestones

Description	Planned	Act/*Est
+Milestones Complete..		
#12 Community Ownership Toolkit	25 JUL 2023	01 SEP 2023
#13 New website homepage design (DUD)	11 SEP 2023	*11 SEP 2023
#14 Complete website design proposal (DUD)	TBC	*TBC
#15 SEO analysis of current website, keywords (ENF)	11 SEP 2023	*11 SEP 2023
#16 Web content/page review, navigation strategy	TBC	*TBC
#17 Summarize list of assets to rebrand	11 SEP 2023	*11 SEP 2023
#18 Develop new brand rollout strategy for ENF	TBC	*TBC
#19 Update digital assets	TBC	*TBC
#20 Update physical assets with new branding	TBC	*TBC

Upcoming Activities / In Progress

- DUD to prepare a new website+homepage design proposal for consideration
- ENF to review website content, pages to remove unnecessary components
- Review list of digital, physical assets to update, assign tasks
- Update milestone estimates for upcoming work
- Update DUD scope of work, Key Milestone dates to reflect changes approved by ENF
- Review amount of current website components, reduce for greater efficiencies

Issues / Risks / Escalations

- DUD to put forth proposal for website changes, next steps - *accepted*
- Timelines dependent on outcome from DUD proposal - *accepted*

Scalability+	**IBC (inter blockchain communication)**	Origin

Project Start Date: 23 AUG 2022
Project Summary: IBC (inter blockchain communication) protocol allows for any action taking place on an EOSIO blockchain (chain A) to be cryptographically provable to another EOSIO blockchain (chain B).
SLA Period: 24 months (end 27 AUG 2024)
Links: https://github.com/cryptomechanics | https://antelopeibc.io/ | https://eosnetwork.com/ibc-using-eos/

Report Date: 31 AUG 2023

Status Scorecard

Schedule	✅		
Scope	✅		
Resources	✅		

Highlights & Accomplishments

May 2023
- Team meeting to outline upcoming work, timelines and requirements
- Provide community support via Telegram channel for questions, issues

June 2023
- ENF Comms podcast and blog posts to announce IBC completed
- Continuing community support via Telegram channel for questions, mange issues

July 2023
- Origin and ENF planning session about IBC integration with IF, Leap 5.0 release
- Continuing community support via Telegram channel for questions, mange issues
- Planning session kicks-off IBC Technical AMA webinar

August 2023
- Review, finalize on Light Client Proof verification code, proceed with IBC integration
- Z. Gall, N. James completed Origin on Technical AMA call with interested developers
- Analyze data generated from IBC Technical AMA Webinar

Key Milestones

Description	Planned	Act/*Est
#1 IBC Protocol updates	27 SEP 2022	03 NOV 2022
+Milestones Complete..		
#4 Release of Firehose + proof API server bundle	22 NOV 2022	15 DEC 2022
#5 Monitoring and analysis tools: API to monitor contracts on+alert mechanism *(Coalition approved change)*	27 JUL 2023	07 APR 2023
#6 Integration of IBC and Instant Finality *(+IF milestone #5: Successful private testnet deployment)*	22 AUG 2023	*13 OCT 2023
#7 Imp. of helper functions, database structures and API for proof generation ~~in Nodeos~~ *(Coalition approved change)*	28 NOV 2023	13 MAR 2023
#8 Support & consult w/ History Solution Providers to improve proof APIs: Firehose, State History Plugin, TraceAPI *(Coalition approved change)*	28 NOV 2023	07 APR 2023

Upcoming Activities / In Progress

- Edit raw video file from webinar, add chapters for YT channel, learn site
- Update IBC contracts to adapt to IF
- IBC planning for integration with IF, launch on testnet

Issues / Risks / Escalations

- IF to take priority over IBC for Antelope v5.0.0 release if necessary - *accepted*

Project Start Date: 23 AUG 2022
Project Summary: Instant Finality implements near-immediate byzantine fault-tolerant deterministic finality as part of the core EOSIO protocol in order to improve responsiveness of application

SLA Period: 24 months (end 27 AUG 2024) |

Status Scorecard

Schedule	🟩	🟨	☑ 🟥
Scope	🟩	☑ 🟨	🟥
Resources	🟩	☑ 🟨	🟥

Highlights & Accomplishments

August 2023
- Update BLS integration to use HotStuff version from main #1509
- Update BLS public key, signature implementations work w/ BLS12-381 submodule
- Peer review hotstuff integration PR#1536
- Estimate remaining IF integration work
- Hotstuff code cleanup
- Fix deepmind unit tests
- Update BLS integration to use HotStuff version from main
- Resolve all pending conflicts with main and add a merge commit to main
- Remove operator and conversion operators
- Remove recursive implementation of commit in qc_chain
- Use empty() instead of NULL_BLOCK_IC, NULL_PROPOSAL_ID
- Add thread safety to chain_pacemaker/qc_chain
- Remove usage of emit from HotStuff code and hs_*_messages types
- K. Heifner to peer review hotstuff integration PR#1536

Key Milestones

Description	Planned	Act/*Est
#1 Specifications, test definitions, mathematical proofs, latency analysis	25 OCT 2022	*TBC
#2 Linearly aggregable signatures	15 JAN 2023	18 JUL 2023
#3 Core Instant Finality features (Hotstuff) *(dependency for Leap 5.0)*	28 FEB 2023	*TBC
#4 Performance review	28 MAR 2023	*TBC
#5 Successful private testnet deployment *(+IBC milestone #6 - IBC integrate to IF, Leap integration)*	28 MAR 2023	*29 SEP 2023
#6 Successful deployment on Jungle public testnet	23 MAY 2023	*06 OCT 2023
#7 Documentation	27 JUN 2023	*27 OCT 2023
#8 Successful Audit	29 AUG 2023	*27 OCT 2023
#9 Deployment period ends *(support with activation)*	28 NOV 2023	*28 NOV 2023

Upcoming Activities / In Progress

- HotStuff core protocol consensus mech. as base consensus algorithm
- Pull Requests put up:
  - Persist hotstuff safety state, #1578
  - Hotstuff message propagation/gossip, #1583
  - wrap `cfile`'s `fclose()` to avoid warning on latest glibc, #1592
  - Generate bls key pair, #1594

Issues / Risks / Escalations

- IF timeline critical to include feature with Antelope Leap v5.0. release - *escalated*
- Origin team redirecting to Leap Hotstuff integration with ENF team - *escalated*
- Milestone #1 not a dependency for v5.0.0-rc1, focus on milestone #3 - *escalated*
- hotstuff finality is non-deterministic, changes previous assumptions - *escalated*

| Wallet+ | **SDK (Software Development Kit)** | Greymass | **Report Date:** 31 AUG 2023 |
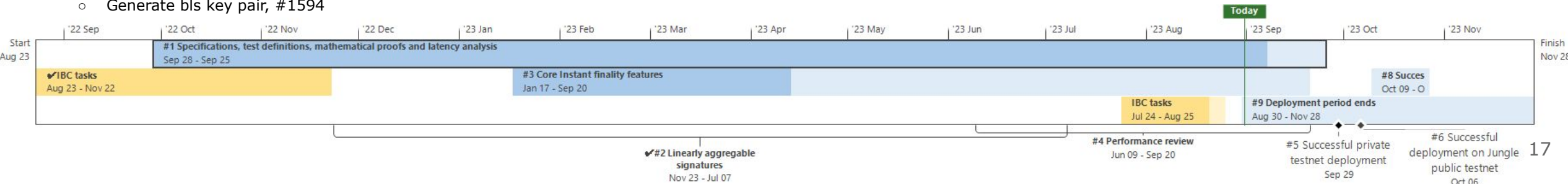
Project Start Date: 12 SEP 2022
Project Summary: Establish a series of core Antelope client protocols and create a suite of open-source Antelope web client SDKs. Key milestones updated 01 FEB 2023 to v4 (*Coalition approved*)

Links: https://github.com/wharfkit/ | https://wharfkit.com/

Status Scorecard

Schedule	🟩	☑ (🟨)	🟥
Scope	☑ 🟩	🟨	🟥
Resources	☑ 🟩	🟨	🟥

Highlights & Accomplishments

August 2023
- Contract Kit v0.4.0 (without code generation) released for upcoming tech preview
- Code generation linkauth edge case discovered, resolved
- Development of Contract Kit code generation suite
- Contract Kit code generation tested, passed with Token contract
- Test new kits solutions to expand functionality as viable candidate
- Resolving bugs with code generation
- New release of web renderer with dark mode
- Documentation
- Website improvements
- Wharf Kit CLI package development, split out Contract Kit code generation
- Milestone #5 completed, reviewed by ENF
- Published 3 guides on Wharf website for tech previous, gather feedback
- Bug fixes, changes, blog filters, statistical gathering to improve user experience
- New release of web renderer (dark mode, error messages)
- Contract Kit v0.4.3 released, iterating on community feedback and bug fixes
- Antelope Library v0.8.0 released, switch to compressed transactions

Key Milestones

Description	Planned	Act/*Est
#1 Architecture	15 OCT 2022	17 OCT 2022
#8 Product Suite Branding	13 JAN 2023	11 JAN 2023
+Milestones Complete..	23 JAN 2023	13 MAR 2023
#5 Contract Kit + Account Kit (*dynamic, code generation*)	02 JUN 2023	01 SEP 2023
#6 Contract Kit Implementations (*dependency on #5*)	07 JUL 2023	*22 SEP 2023
#7 Contract Kit Templates (*dependency on #5, #6*)	22 JUL 2023	*29 SEP 2023
#9 Session Kit Templates	29 SEP 2023	*29 SEP 2023
#11 Plugin Discovery System + Dev Tutorials	29 SEP 2023	*13 OCT 2023
#12 EOSIO Starter Kit (*dependency on #5 Contract Kit*)	18 AUG 2023	*29 SEP 2023
#10 Website, Documentation, Portal	29 SEP 2023	*13 OCT 2023

Upcoming Activities / In Progress

- APIClient to support chain-specific differences for Antelope library
- Documentation for Core Libraries (milestone #10)
- Antelope Library v1.0.0 after APIClient work complete
- Technical Webinar planned for 07 SEP
- Wombat, Token Pocket, and scatter wallet plugins
- Session Kit v1.1.0 to integrate Contract Kit, Account Kit

Issues / Risks / Escalations

- No EOS external wallets using scatter available, Milestone #9 - *resolved*
- Milestone #7, #8 components under review, to discuss with Coalition - *resolved*
- New dependencies for milestones #6, #7, #9, 12 impact *EST dates - *resolved*
- Competing priorities affecting availability - *accepted*

Project Start Date: 02 FEB 2023 (Contract execution)

Project Summary: The mandate of the project is to implement improvements to peer node discovery and synchronization processes within the peer-to-peer (P2P) protocol of the nodeos service

Status Scorecard

Schedule			☑
Scope			☑
Resources			☑

Highlights & Accomplishments

July 2023
- 17-July: Creation of a testing outline documents for BPs
- 21-July: Discussion with EOSAsia and EOSNation for testnet requirements
- 24-July: Revision of milestones planning
- 26-July: Upgrade patch delivered and Jungle testnet contacted

August 2023
- 5-Aug: Call with ENF Engineering team to agree approach and next steps
- w/c 7-Aug: Fudan core devs on a one-week national close door meeting
- 21-Aug: Fudan team resolved git merge conflicts for PRs and main branch
- 23-Aug: PRs are being reviewed by ENF engineer and by Fudan devs
- 30-Aug: Meeting between ENF engineers and Fudan team being scheduled to discuss pending items and next steps

September 2023
- On hold - pending ENF engineering team to review and explicit technical requirements

Key Milestones

Description	Planned	Act/*Est
Contract Execution	02 FEB 2023	02 FEB 2023
Local GitLab and Local environment	01 MAR 2023	01 MAR 2023
Automated Peer Discovery and Management	29 MAR 2023	14 JUN 2023
Custom Chain Id / Alias Configuration	17 MAR 2023	17 MAR 2023
Peer Refreshing / Nodes Setting	29 MAR 2023	14 JUN 2023
Nodes Setting	29 MAR 2023	14 JUN 2023
Readiness for deployment to main	23 AUG 2023	TBC
Public testnet deployment (with Leap 5.0)	08 AUG 2023	*SEP 2023
Deployment on mainnet (with Leap 5.0)	DEC 2023	*DEC 2023
End of maintenance and support	DEC 2023	*DEC 2023

Upcoming Activities / In Progress

- ENF engineering team will review, explicit the technical requirements especially around the transport and storage, and will clarify the state properties for the blockchain

Issues / Risks / Escalations

- Code evaluated by ENF engineering team is not ready for Leap 5.0 release. Technical requirements need to be reviewed by ENF engineering team in Mid-Sep/early Oct. - *escalated*

Operations Metrics

Operations Scorecard (Rolling 12 months)

Area / Metrics	Link	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
Market Funding													
Direct Grants Fully Approved (#)	**+**	0	3	1	1	2	1	0					
Direct Grants Fully Approved ($)		$0	$233,000	$10,000	$10,000	$65,000	$9,500	$0					
Direct Grants Rejected (#)		5	6	9	13	11	0	0					
Direct Grants Processing Time (days)		44	53	30	14	19	157	0					
Developer Relations													
# of DevRel tickets closed	**+**	20	21	17	16	4	5						
# of guides completed (Cumulative)		4	6	10	19	20	24						
# of videos completed (Cumulative)				2	2	2	2						
# of courses completed (Cumulative)				79	82	90	101						
# of docs new users		330	2,200	878	565	554	626						
# of learn new users		199	343	227	165	146	169						
Regression Metrics - Antelope													
First Pass Yield (WF Runs)	**+**	95%	100%	95%	90%	88%	94%						

Operations Scorecard (Rolling 12 months)

Area / Metrics	Link	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
Community Engagement - EOS Support													
# of Articles / Stories published		120	89	84	188	305	272						
# of Surveys completed	+	0	0	0	0	0	0						
# of Giveaway show participants		177	99	90	173	100							
Business Development - Blockument													
Total Open Leads		368	440	579	590								
Projects in Commercials Discovery		182	210	240	250								
MoU Signed	+	7	8	9	10								
Demos / Prototypes in work		4	5	8	11								
Project SoWs Signed		0	0	0	0								
Projects deployed to Mainnet		0	0	0	0								
Recover+													
Dollar amount coverage			$47,625,135	$67,072,564	$57,374,582	$58,289,013	$45,705,602						
Total number of Applications registered	+		23	23	23	23							

Contracts / RFP / Grants

Review of Contracts, RFP and Grants status for week of 01 Sept. 2023

EOS Network Foundation

Report Date:	01 Sept. 2023

Status Scorecard

Schedule	✅		
Scope	✅		
Resources	✅		

Highlights & Accomplishments

Contracts

- Gameta Limited EOS EVM Agreement fully executed.
- DappRadar Service Agreement fully executed.

RFP
- None

Grants
- None

Status Overview

Area	Document	Status	Notes
Contracts	RSM Canada SOW/Engagement Letter	Pending	Waiting on RSM to send contract for signature.
Contracts	Gameta Limited	Done	
Contracts	UAB "DappRadar" Service Agreement	Done	
Grants	Grant Request - Batch 32	Pending	One Grant Request is tied, pending committee vote.
Grants	Grant Request- Batch 33	Pending	Sent out to Committee for voting

Upcoming Activities / In Progress

Contracts

- Current Contracts Review
- RSM SOW/Engagement Letter

RFP
- None

Grants
- Reviewing incoming Grants and sending for translation.
- Grant Request Batch 32 in review
- Grant Milestone Payments

Issues / Risks / Escalations

- None

23

Completed Projects

(for reference only)

Report Date: 28 APR 2023

Project Start Date: 01 SEP 2022
Project Summary: BN256 library port from GoLang. GoLang Security Port, Port Go library to C++ for bn crypto library

Status Scorecard

Schedule	✅		
Scope	✅		
Resources	✅		

Highlights & Accomplishments

December 2022
- M. Witherspoon reviewed outstanding PR
- HM. Huang completed final additional testing requested by ENF
- Issues completed and code merged:
  - Replace the implementation of bn256 host functions to use the new bn256 library
  - Add crypto primitive tests for invalid input lengths

January 2023
- All blockers resolved, code implemented and tests completed

February 2023
- HM. Huang has reviewed and implemented feedback provided in issue #11
- OCI and ENF to schedule a meeting to facilitate finalize code hand-off
- L. Huang, M. Witherspoon finalize code hand-off with HM. Huang
- All features have been merged into main for RC
- Antelope Leap v4.0.0 released

Key Milestones

Description	Planned	Act/*Est
Group & Implement GFP files (Port Golang to C++)	08 SEP 2022	08 SEP 2022
+Milestones Complete...		
Update benchmarking of new code vs. Go Library	15 OCT 2022	14 OCT 2022
Increase BN256 Perf. Statistics, Pull out boost libs used by bn256, Troubleshoot BigInt/Testing Issues for GoLang to C++ Converter	28 OCT 2022	27 OCT 2022
Use OCI's hand-rolled BigInt instead of Boost, Refactoring Cmake for all platforms & compilers	28 OCT 2022	09 NOV 2022
Replace the implementation of bn256 host functions to use the new bn256 library, Code Handoff to ENF	04 NOV 2022	21 FEB 2023
Code complete (release candidate)	01 APR 2023	20 MAR 2023
Code in production	01 APR 2023	25 APR 2023

Upcoming Activities / In Progress

- **COMPLETE**

Issues / Risks / Escalations

- None

Complete	🟩
In Progress	🟦
Backlog	⬜

> ⚡ ENFS-425 Golang Security Development

Performance Test Harness

Report Date: 28 APR 2023

Project Start Date: 01 SEP 2022
Project Summary: Performance Harness will create an MVP, with the goal to complete this work in early 2023. Later phases will add more automation. Additional features and analysis capabilities, along with Cloud CI/CD

Note: Key milestone dates adjusted to Mar/Apr 2023 Release. Phase 1 & 2 included with Mar/Apr 2023 Release

Status Scorecard

Schedule	✅		
Scope	✅		
Resources	✅		

Highlights & Accomplishments

March 2023
- Fix Usage of UserTrxDataFile with Performance Test
- Handle Exceptions occurring during runTest
- Create long-running test for performance_harness.py
- Performance Harness Code Review
- Coordinate TPS generation to direct traffic to specific node
- Merge Performance Harness Branch with Regression Testing Branch
- Release Fixes
- Fix bug- division by 0 andarg passing performance_test to performance_test_basic
- All v4.0 critical Phase 2 features are merged into main for RC
- Coordinate TPS generation to direct traffic to specific node

April 2023
- Re-examine use of logs for scraping data
- Final Phase 2 features complete, merged into main
- Antelope Leap v4.0.0 released

Key Milestones

Description	Planned	Act/*Est
MVP: Output Evaluation	30 APR 2023	26 OCT 2022
+Milestones Complete..		
Expand Transaction generator	01 MAR 2023	17 MAR 2023
Expand Run Harness Config Options	01 MAR 2023	17 MAR 2023
Multi-producer & "relay" or "canary" node config support	01 MAR 2023	17 MAR 2023
Include configurable "relay" nodes	01 MAR 2023	17 MAR 2023
Expand reporting to include multiple nodes	01 MAR 2023	17 MAR 2023
Begin Design Planning for migration to auto deployment	01 MAR 2023	17 MAR 2023
Code complete (release candidate)	01 APR 2023	06 APR 2023
Code in production	01 APR 2023	25 APR 2023

Upcoming Activities / In Progress

- **COMPLETE**

Issues / Risks / Escalations

- None

Complete	🟩
In Progress	🟦
Backlog	⬜

> ⚡ ENFS-587 Perf Harness - Phase 2

> ⚡ ENFS-319 Perf Harness MVP - Transaction Source

> ⚡ ENFS-320 Perf Harness MVP - Run Harness

> ⚡ ENFS-321 Perf Harness MVP - Output Evaluation

> ⚡ ENFS-322 Perf Harness MVP - User Docs & Testing & Baseline Evaluation

26

Report Date: 28 APR 2023

Project Start Date: 30 NOV 2022
Project Summary: Leap is a C++ implementation of the Antelope protocol. It contains blockchain node software and supporting tools for developers and node operators. Parallelize Speculative Read-Only Transaction Execution

Link: https://github.com/AntelopeIO/leap

Status Scorecard

Schedule	✅		
Scope	✅		
Resources	✅		

Highlights & Accomplishments

February 2023
- Organize operations into separate queues scheduled into two cycles completed
- Use thread pool to parallelize completed
- Develop parameterized timing model for cycles completed
- Recommend default timing parameters completed
- Initial PR put up for review for feedback

March 2023
- Finalized solution for EOS VM OC issue
- Received and implemented feedback from initial PR review
- Put up final PR for review
- Feedback received from last PR, comments addressed and integrated
- PR put up for final review
- Final feedback addressed, code merged into main for RC
- Antelope Leap v4.0.0 released

Key Milestones

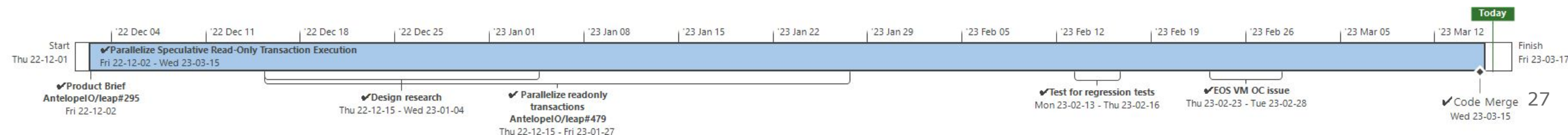| Description	Planned	Act/*Est
Parallelize Speculative Read-Only Transaction Execution	14 FEB 2023	15 MAR 2023
Code complete (release candidate)	01 APR 2023	15 MAR 2023
Code in production	01 APR 2023	25 APR 2023

Upcoming Activities / In Progress

- **PROJECT COMPLETE**

Issues / Risks / Escalations

- None

Project Start Date: 15 FEB 2023
Project Summary: CRM platform to connect marketing and communications platforms together to focus on creating more awareness and fostering business development initiatives.

Status Scorecard

Schedule	✅		
Scope	✅		
Resources	✅		

Highlights & Accomplishments

March 2023
- DUD completed review of ENF website, repaired all broken feeds
- DUD provided a list of all fields that are not properly linked in HubSpot for review
- All users are added to new instance with current ENF emails
- Old instance has been deactivated, old data removed and no longer accessible

April 2023
- Review, import data provided by Zaisan
- Meeting with Marketing to discuss project blockers, next steps

May 2023
- Completed ABM configuration setup
- Set up business development funnel with appropriate properties and views
- Completed review of ENF user-level accesses, permissions
- Documentation of processes started, team discussion around key metrics to track

Key Milestones

Description	Planned	Act/*Est
#1 Scope, Milestones, Stakeholder List, Project Schedule	17 FEB 2023	17 FEB 2023
+Milestones Complete..		
#4 DUD vendor reviews website connections	13 MAR 2023	13 MAR 2023
#5 Review user-level access, permissions, user emails	14 MAR 2023	12 MAY 2023
#6 Unify instances, close old instance	15 MAR 2023	15 MAR 2023
#7 Instance coding and setup	21 MAR 2023	12 MAY 2023
~~#8 Dashboard review, configuration & Data review, dashboard testing~~ *(to be addressed later)*	~~22 MAR 2023~~	*TBC
~~#9 HubSpot Reporting~~ *(to be addressed later)*	~~30 MAR 2023~~	*TBC
#10 Document Processes, Process Metrics	04 APR 2023	12 MAY 2023

Upcoming Activities / In Progress

- **PROJECT COMPLETE**

Issues / Risks / Escalations

- None

Report Date: 02 JUN 2023

Project Start Date: September 2022 (new baseline) / January 2023 (new MVP scope)
Project Summary: Build an Ethereum Virtual Machine based on the EOS network, a turn-key solution for developers to operate their apps on a full #Ethereum-compatible chain and benefit the high throughput, scalability, security and reliability from the EOS infrastructure
NOTE: Planned dates updated to reflect holiday and PTO schedules / MVP scope amended

Status Scorecard

Schedule	✅		
Scope	✅		
Resources	✅		

Highlights & Accomplishments

May 2023
- Testnet upgrade with v0.4-official
- Draft product roadmap for future releases
- Mainnet upgrade with v0.4-official
- Explorer update to 5.1.2
- Old Testnet (w/o Token economy) deprecation
- Deployment of 0.4.2 release
- Upgrade mainnet Explorer to v5.1.2
- Preparation of product roadmap and next minor release
- Security audit firm hired

June 2023
- Project complete, new Phase 1 scope identified:
  - Start of the additional security audit review
  - Deployment of v0.5-rc1 on Testnet

Key Milestones

Description	Planned	Act/*Est
API Compatibility	22 NOV 2022	15 NOV 2022
+Milestones - Complete...		
Variable Simulation Model	08 NOV 2022	06 JAN 2023
Testnet Deployment Preparation	02 DEC 2022	16 DEC 2022
Silkworm Testnet without Token Economy	27 DEC 2022	19 JAN 2023
Bridging / Send EVM Action	24 JAN 2023	20 MAR 2023
Gas Fee Feature / Adjustable Base Gas Price	11 NOV 2022	20 MAR 2023
EVM Runtime Contracts Improvements	03 FEB 2024	10 FEB 2023
Additional Security Audit Review	23 DEC 2022	05 APR 2023
Candidate for Mainnet / Launch	08 MAR 2023	14 APR 2023

Upcoming Activities / In Progress

- **PROJECT COMPLETE**

Issues / Risks / Escalations

- None

Report Date: 16 JUN 2023

Project Start Date: 24 MAY 2023
Project Summary: Continue with HubSpot set up, supporting EOS EVM BD Funnel initiatives

Status Scorecard

Schedule	✅		
Scope	✅		
Resources	✅		

Highlights & Accomplishments

June 2023
- 2nd and 3rd email content to follow-up with original email campaign created
- Research paid and organic search keywords completed
- Landing page created
- Install Telegram into HubSpot
- Researched LinkedIn, Twitter integrations for HubSpot to determine suitability
- 4th email content to follow-up with original email campaign
- EVM Ecosystem deck
- Remaining tasks to be part of ongoing BD operations:
  - Write business KPIs for EOS EVM
  - Setup permissions schema
  - SWOT Analysis, market research
  - Create email content for GameFi focus
  - Ongoing curation of targeted lists
  - BD telegram outreach
  - Collect list of contacts from 3XP Conference, start outreach

Key Milestones

Description	Planned	Act/*Est
HubSpot funnel definition	25 MAY 2023	25 MAY 2023
HubSpot ABM set up, configuration *(ABM set-up on hold)*	24 JUN 2023	02 JUN 2023
Staff training *(need to develop training program)*	02 JUN 2023	*02 JUN 2023
Initial email campaign	30 MAY 2023	30 MAY 2023

Upcoming Activities / In Progress

- **PROJECT COMPLETE**

Issues / Risks / Escalations

- None

Report Date: 07 JUL 2023

Project Start Date: September 2022 (new baseline) / April 2023 (Launch on mainnet)

Project Summary: Build an Ethereum Virtual Machine based on the EOS network, a turn-key solution for developers to operate their apps on a full #Ethereum-compatible chain and benefit the high throughput, scalability, security and reliability from the EOS infrastructure

Status Scorecard

Schedule	✅		
Scope	✅		
Resources	✅		

Highlights & Accomplishments

June 2023
- Deployment of v0.5-rc1 on Testnet
- Start of v0.5-rc1 testing phase
- Kickoff with Blocksec (security firm)
- Deployment of v0.5-rc2 on Testnet
- Start of the additional security audit review
- Product Roadmap / Vision list
- Draft of design for Advanced trustless bridge for EOS EVM
- Deployment of v0.5 on mainnet
- Engineering team reviews resource allocation
- Advanced trustless bridge for EOS EVM design
- Onboarding of Meson.fi
- Remaining tasks to be part of next phase EVM project scope:
  - Development of Advanced trustless bridge phase 1
  - Transfer proxy service design
  - Yield+ EVM integration on mainnet

Key Milestones

Description	Planned	Act/*Est
EOS EVM v0.4.0 Mainnet Launch	13 APR 2023	13 APR 2023
Testnet upgrade to 0.4.1	05 MAY 2023	05 MAY 2023
Mainnet upgrade to 0.4.1	09 MAY 2023	09 MAY 2023
Upgrade mainnet Explorer to v5.1.2	18 MAY 2023	18 MAY 2023
Product Roadmap / Vision list	31 MAY 2023	31 MAY 2023
Deployment of v0.5-rc1 on Testnet	31 MAY 2023	31 MAY 2023
Deployment of v0.5-rc2 on Testnet	9 JUN 2023	9 JUN 2023
Start of the additional security audit review	15 JUN 2023	15 JUN 2023
Mainnet upgrade to 0.5	END OF JUNE	20 JUN 2023

Upcoming Activities / In Progress

- **PROJECT COMPLETE**

Issues / Risks / Escalations

- None

Report Date: 28 JUL 2023

Project Start Date: 16 July 2023
Project Summary: Phase 1 Ethereum Virtual Machine enhancements based on the EOS network for developers to operate apps on a full #Ethereum-compatible chain to benefit high throughput, scalability, security and reliability using EOS infrastructure.

Status Scorecard

Schedule	✅		
Scope	✅		
Resources	✅		

Highlights & Accomplishments

July 2023
- Developed EOS EVM Roadmap for Phase 1 through Phase 3
- Initiated project schedule and work breakdown planning for EOS EVM Phase 1
- Create initial task breakdown and milestones for EVM Perf Testing Methodology
- Get EOS EVM Node Build job to succeed
-
-

Key Milestones

Description	Planned	Act/*Est
EVM Performance Harness MVP Implementation	31 AUG 2023	*31 AUG 2023
EVM Performance Harness Graph Artifact Support	05 OCT 2023	*05 OCT 2023
EVM Performance Harness Documentation	12 OCT 2023	*12 OCT 2023

Upcoming Activities / In Progress

- Phase 1 kick-off planning
- EVM Onboarding with OCI team
- Update the eos-evm repo to generate a binary archive of the wasm and abi files built for the eos-evm contract
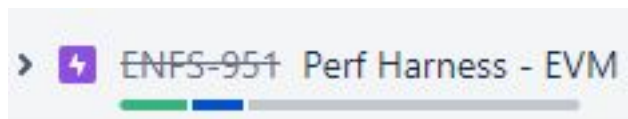- eos-evm-node repo integration test

Issues / Risks / Escalations

- None

Complete
In Progress
Backlog

> ⚡ ENFS-951 Perf Harness - EVM

32

| Marketing | **EOS Network Foundation Website Upgrades** | ENF+ | **Report Date:** 17 AUG 2023 |

Project Start Date: 07 FEB 2023
Project Summary: Rebuilding the EOS Network Foundation website www.eosnetwork.com
External Vendors: Graphic Mint, Double Up Digital, FUNDAY

Status Scorecard

Schedule	🟢	🟡	🔴
Scope	🟢	🟡	🔴
Resources	🟢	🟡	🔴

Highlights & Accomplishments

May 2023
- FUNDAY Branding Strategy, Brand Messaging presentation to ENF

June 2023
- WBS working session with DUD, planning for next web development phase
- Data and details for scope, project plans gathered for analysis

July 2023
- ENF, legal to confirm digital assets compliant w/ global data privacy laws resolved
- ENF leadership team approves pivot from website rebuild to website reskin scope
- ENF schedules upcoming Graphic Mint sprints 5 & 6
- FUNDAY, Double Up Digital confirm attendance for Graphic Mint sprints

August 2023
- No updates, preparing for upcoming Graphic Mint sprints
- Graphic Mint Sprint #5 completed
- Graphic Mint Sprint #6 completed, final Figma files submitted to ENF, DUD

Key Milestones

Description	Planned	Act/*Est
#1 UX Design (Graphic Mint)	06 MAR 2023	06 MAR 2023
#2 Content Strategy, Information Architecture (Graphic Mint)	06 MAR 2023	06 MAR 2023
#3 Branding Strategy, Brand Messaging (FUNDAY)	07 JUN 2023	*01 AUG 2023
#4 UI Design, Design Systems (Graphic Mint)	23 JUN 2023	*TBC
#5 Web Content (ENF)	27 JUN 2023	*TBC
#6 Website Development (DUD)	22 AUG 2023	*TBC
#7 QA Review, testing (DUD)	30 AUG 2023	*TBC
#8 Website Launch (DUD)	31 AUG 2023	*TBC
#9 Post-Launch, Punch List (ENF, DUD)	16 SEP 2023	*TBC

Upcoming Activities / In Progress

- **REPORT COMPLETE**
- See new information tracked on new slide EOS Network Rebrand + Website Upgrade

Issues / Risks / Escalations

- None

	EOS Network Rebranding	FUNDAY	**Report Date:** 17 AUG 2023

EOS Network Foundation

Project Start Date: 15 MAR 2023
Project Summary: Rebranding project for EOS Network/EOS Network Foundation. Rebuilding the EOS Network Foundation website www.eosnetwork.com
External Vendors: Graphic Mint, Double Up Digital, FUNDAY

Status Scorecard

Schedule	✅		
Scope	✅		
Resources	✅		

Highlights & Accomplishments

July 2023
- ENF meeting with Funday to review final brand creative (colour pallets, fonts)
- Review path to reach current logo iterations from current logo influence
- ENF provides feedback to FUNDAY on logo colour schemes
- B. Lovejoy, L. Buckley in direct contact with community to prep for announcement
- Rebranding Announcement + Community Timeline - ZOOM/Fireside chat

August 2023
- Campaign concepts
- Update templates (digital assets, social, working docs) to be quoted by FUNDAY
- FUNDAY provided quote for additional items, under review with ENF
- Community feedback presentations completed for English and Chinese communities
- Brand bible (arch and relationships, pillars, messaging)
- Final package hand-off from FUNDAY to ENF
- ENF Marketing to outline next steps for brand rollout
- Compiled list of digital, physical assets to update
- Identified new milestones to for next phase of project

Key Milestones

Description	Planned	Act/*Est
Info Gathering, Onboarding	13 APR 2023	13 APR 2023
+Milestones Complete..		
Visual toolkit - EOS Network Foundation	17 JUL 2023	07 AUG 2023
~~Visual toolkit - EOS Token~~ (*descoped*)	~~25 JUL 2023~~	~~*25 JUL 2023~~
Community Ownership Toolkit	25 JUL 2023	*22 AUG 2023
Final Packaging of all pieces (Brand Bible)	31 JUL 2023	07 AUG 2023
Develop new brand rollout strategy for ENF	TBC	*TBC
Summarize list of ENF assets (digital, tangible) to rebrand	TBC	*TBC
Update digital assets, web updates with new branding	TBC	*TBC
Update physical assets with new branding	TBC	*TBC

Upcoming Activities / In Progress

- **REPORT COMPLETE**
- See new information tracked on new slide EOS Network Rebrand + Website Upgrade

Issues / Risks / Escalations

- None

Report Date: 25 MAY 2023
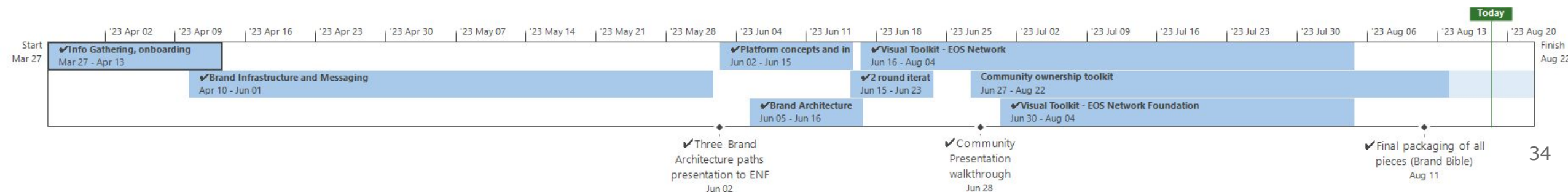
Project Start Date: 30 NOV 2022
Project Summary: Contract Development Toolkit (CDT) is a C/C++ toolchain targeting WebAssembly (WASM) and a set of tools to facilitate development of smart contracts written in C/C++ that are meant to be deployed to an Antelope blockchain

Link: https://github.com/AntelopeIO/cdt

Status Scorecard

	Green	Yellow	Red
Schedule			☑
Scope	☑		
Resources	☑		

Highlights & Accomplishments

March 2023
- Repair to code complete, bugs repaired
- Build System Documentation and Polish added to Build System scope
- Repair additional bugs discovered with latest PR review
- Final PR put up for review
- Final feedback addressed, code merged into main

May 2023
- CDT v4.0.0-rc1 released
- CDT v4.0.0-rc2 released
- DUNE v1.1.1-rc1 released

June 2023
- Corrected CDT errors encountered building EVM contract with 4.0
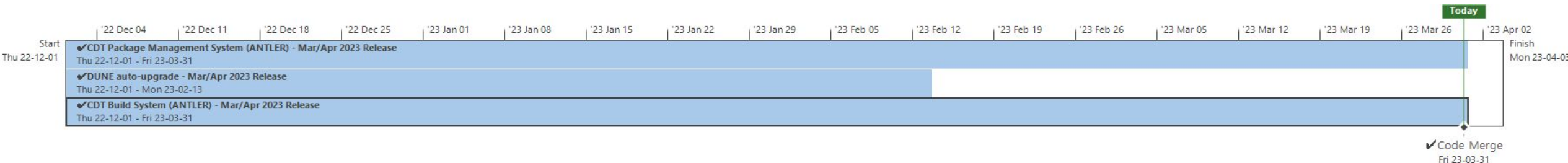
Key Milestones

Description	Planned	Act/*Est
DUNE auto-upgrade	01 FEB 2023	26 JAN 2023
CDT Debugging Framework (ANTLER)	TBD	*TBD
CDT Package Management System (ANTLER)	20 FEB 2023	31 MAR 2023
CDT Build System (ANTLER)	23 FEB 2023	31 MAR 2023
CDT Code complete (release candidate)	01 APR 2023	05 MAY 2023
CDT Code in production	01 APR 2023	09 JUN 2023
Dune Code complete (release candidate)	01 APR 2023	23 MAY 2023
Dune Code in production	01 APR 2023	09 JUN 2023

Upcoming Activities / In Progress

- **CDT CODE COMPLETE**
- **DUNE CODE COMPLETED**

Issues / Risks / Escalations

- None

Today

Start Thu 22-12-01

| '22 Dec 04 | '22 Dec 11 | '22 Dec 18 | '22 Dec 25 | '23 Jan 01 | '23 Jan 08 | '23 Jan 15 | '23 Jan 22 | '23 Jan 29 | '23 Feb 05 | '23 Feb 12 | '23 Feb 19 | '23 Feb 26 | '23 Mar 05 | '23 Mar 12 | '23 Mar 19 | '23 Mar 26 | '23 Apr 02 |

✔CDT Package Management System (ANTLER) - Mar/Apr 2023 Release
Thu 22-12-01 - Fri 23-03-31

✔DUNE auto-upgrade - Mar/Apr 2023 Release
Thu 22-12-01 - Mon 23-02-13

✔CDT Build System (ANTLER) - Mar/Apr 2023 Release
Thu 22-12-01 - Fri 23-03-31

Finish Mon 23-04-03

✔Code Merge
Fri 23-03-31

Coalition Ledger App

Project Start Date: 13 FEB 2023
Project Summary: Update the Ledger App, setup four chains on Ledger using one binary, and complete the adaptations to the source code of the EOS app

NOTE: Project baseline adjusted based on launch criteria provided by Ledger

Status Scorecard

Schedule	green	yellow	red
Scope	green	yellow	red
Resources	green	yellow	red

Highlights & Accomplishments

April 2023
- Milestone schedule revised based on Ledger feedback, ENF staff availability
- Request submitted to Ledger to clarify marketing content requirements, web pages

May 2023
- Engineering availability blocker clear, coding work to resume
- Engineering unavailable, completing resources blocking work
- WAX provided marketing plan to include with submission
- EOS and Antelope icons provided
- EOS provided marketing plan to include with submission

June 2023
- Project paused due to time, resource constraints

Key Milestones

Description	Planned	Act/*Est
#1 Icons for Ledger Live and app	28 APR 2023	22 MAY 2023
#2 Submitting PR to ledger	26 MAY 2023	*TBC
#3 PR to ledger passes all automated tests	02 JUN 2023	*TBC
#4 Go to market plan (social, AMA, blogs)	02 JUN 2023	*TBC
#5 Submitting the form to Ledger	05 JUN 2023	*TBC
#6 Security Audit	31 JUL 2023	*TBC
#7 Documentation/user tutorial, new web pages/content	30 JUN 2023	*TBC
#8 Functional review	22 SEP 2023	*TBC
#9 Ledger merges PR	22 SEP 2023	*TBC

Upcoming Activities / In Progress

- **PROJECT COMPLETE**
- **PROJECT PAUSED INDEFINITELY**
- Coalition to approve draft timeline and milestone schedules
- EOS to complete manager & dashboard icons
- Create content for Ledger webpage and Ledge app information page

Issues / Risks / Escalations

- Clarification around marketing content to be defined from Ledger - *blocked*
- E. Passmore currently unavailable to support dev work - *blocked*
- UX requests to add additional tokens (UTX and UTXRAM) - *escalated*
- Critical path items at risk, behind schedule due to resource constraints - *escalated*

March/April 2023 Release

Projects +	Summary Details	Updates	Status	Coding	Peer Review	Code Freeze	Integration Testing	Release Candidate
Leap								
Parallelize Speculative Read-Only Trx Exec.	Optimization of how read-only transactions are processed to improve node performance	Antelope Leap v4.0.0 released	Complete	☑	☑	☑	☑	☑
3.2 Backport work	Remaining backport work completed in 3.2.	Antelope Leap v4.0.0 released	Complete	☑	☑	☑	☑	☑
Lighter Validation for Relays	Optimization of block propagation from relay nodes that match certain configured criteria	Antelope Leap v4.0.0 released	Complete	☑	☑	☑	☑	☑
Auto-peer with next/previous BP	Optimization of BP peering to ensure most proximal production peers are connected	Antelope Leap v4.0.0 released	Complete	☑	☑	☑	☑	☑
Programmable Future Snapshots	Ability to schedule and unschedule future snapshots	Antelope Leap v4.0.0 released	Complete	☑	☑	☑	☑	☑
Multithread SHiP	Moving State History Plugin off the main thread for improved performance	Antelope Leap v4.0.0 released	Complete	☑	☑	☑	☑	☑
SHiP Log Splitting, Block Log Splitting	State History Plugin logs and Block logs reformatted for improved storage and retrieval.	Antelope Leap v4.0.0 released	Complete	☑	☑	☑	☑	☑
Leap 4.0 (new feature work, bugs)		Antelope Leap v4.0.0 released	Complete	☑	☑	☑	☑	☑
CDT								
ANTLER Project Manager	A set of standards and programs for smart contract developers to build and maintain smart contract projects. Some components will move into next release	CDT v4.0.0-rc2 released	Complete	☑	☑	☑	☑	☑
DUNE								
DUNE multi-versioning support	DUNE capable of upgrading itself and managing multiple versions of itself. Support for multiple versions of internal tooling.	DUNE v1.1.1-rc1 released	Complete	☑	☑	☑	☑	☑
Additional Components								
Performance Test Harness Stage 1	Performance harness designed to locally evaluate single node instances of a network.	Antelope Leap v4.0.0 released	Complete					
Performance Test Harness Stage 2	Transaction generator improvements including configuring transaction type	Antelope Leap v4.0.0 released	Complete	☑	☑	☑	☑	☑
Regression Test Harness	A regression harness replacing eosio-launcher and improving overall flexibility.	Antelope Leap v4.0.0 released	Complete	☑	☑	☑	☑	☑
BN256 library	C++ port of the bilinear group BN256 Go library to support EOS EVM performance requirements.	Antelope Leap v4.0.0 released	Complete	☑	☑	☑	☑	☑
Prometheus Exporter Plugin	New plugin to instrument nodeos for scraping data with Prometheus.	Antelope Leap v4.0.0 released	Complete	☑	☑	☑	☑	☑

Good	At Risk	Blocked