



EOS Network
Foundation

Program and Operations Health Report

07 JUL 2023

Agenda

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

The background features a complex network of thin, light blue lines connecting various points, creating a web-like structure. Overlaid on this are several semi-transparent, light blue geometric shapes, primarily triangles and polygons, some of which are larger and more prominent than others. The overall aesthetic is clean, modern, and technical.

New Initiatives

Aug/Sept 2023 Release

Report: 30 JUN 2023

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	Project blocked, milestone #2 under review	Blocked					
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)	IBC released, ready for integration with IF	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.	In-progress - project planning.	At Risk					
P2P Peer Discovery	Implement improvements to peer node discovery and synchronization processes within the peer-to-peer (P2P) protocol of the nodeos service		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.	Updated work breakdown.	Good					
Automated Reply Test	Antelope Core developers can run an automated replay test from genesis within 1 day to confirm consensus is maintained and uptime reliability continues.	In-progress - project planning.	At Risk					
Additional Components								
Selectively Leverage EOS VM Optimistic Concurrency	This initiative leverages OC for EOS VM by an Auto OC Mode as the default setting to boost performance of EOS and EOS EVM.	Completed on 6/20/2023.	Good					20 JUN 2023
IPv6 Everywhere	Supports node operators for IPv6 addresses and IPv6 peer-to-peer (p2p) traffic by eliminating limitations associated with IPv4 addresses and improves the efficiency of running multiple nodes.	Completed on 5/18/23.	Good					18 MAY 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	At Risk	At Risk	Good	Good	Complete							
Performance Test Harness	COMPLETE - Antelope Leap v4.0.0 released	Good	Good	Good	Good	Complete							
Performance Test Harness Stage 3	Blocked - resources focusing on EVM			Good	Good	Good	Issues	Issues	Future	Future			
Regression Test Harness	Blocked - resources focusing on P2P Improv.	Good	Good	Good	Good	At Risk	Issues	Issues	Future	Future	Future		
P2P Improvements							Good	Good	Future	Future			
OCI Staff Augmentation	Repair ship issue w/ initial Leap 4.0.3 block	Good	Good	Good	Good	Good	Good	Good	Future	Future	Future	Future	Future
Hypha - DAO	DAO Notifications feature complete	At Risk	At Risk	Issues	Issues	At Risk	Issues	Issues					
EOS EVM Launch	COMPLETE - Launched	Issues	Issues	Issues	Good	Good	Complete						
Leap Parallelize Speculative	COMPLETE - Antelope Leap v4.0.0 released	At Risk	At Risk	Good	Good	Complete							
Hubspot	COMPLETE - HubSpot set up complete		Good	At Risk	Good	Good	Complete						
ENF Website Rebuild	Decision approved to adj. scope for reskin			At Risk	Good	Good	Good	Future	Future	Future	Future	Future	Future
EOS EVM BD Funnel	COMPLETE - Launched					Good	Good	Complete					
EOS Network Rebranding	FUNDAY presenting brand creative to ENF				Good	Good	Good	Good	Future				
EOS EVM (v0.5 and Phase 1)	COMPLETE - EVM v0.5.0, Phase 2 released						Good	Good	Complete				

Future

Good

At Risk

Issues

Past start date

Future End Date

Complete

Project Health Scorecard

Project	Headline	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Antelope Projects (Coalition)													
Scalability+ IBC	Community support via TG channel	➤	■	■	■	■	■	■	■	■	■	■	■
Scalability+ Instant Finality	Addn'l Leap unit tests for host functions	➤	■	■	■	■	■	■	■	■	■	■	■
Wallet+ SDKs	wharfkit/antelope lib supports read-only trx	➤	■	■	■	■	■	■	■	■	■	■	■
Antler/CDT	COMPLETE - CDT and Dune stable, released	➤	■	■	■	■	■	■	■	■	■	■	■
Coalition Ledger App	COMPLETE - Project paused	■	■	■	■	■	■	■	■	■	■	■	■
P2P Peer Discovery		■	■	■	■	■	■	■	■	■	■	■	■

Future

Good

At Risk

Issues

Past start date

Future End Date

Complete

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

Status Scorecard

Schedule	■	■	■ ✓
Scope	■ ✓	■	■
Resources	■	■	■ ✓

Highlights & Accomplishments

May 2023

- Put up PR to review HTTP Transaction Generator – push transaction
- Dates for key milestone #1-3 updated to reflect scheduled work required
- Initial reporting updates for API Node and HTTP Transaction Generator
- HTTP Transaction Generator push transaction
- Wire support for API Node and HTTP Transaction Generator into Perf. Harness
- Allow setting tps floor in performance_test
- 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

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

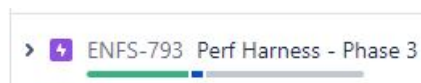
Upcoming Activities / In Progress

- **PAUSED** - teams allocated to different initiatives
- API Node (HTTP Node) Operational Mode
- CICD support for previous versions of nodeos for Performance Harness
- Simple manual dispatch workflow for PH in CICD

Issues / Risks / Escalations

- Past week focus was Leap 5.0, EVM - **accepted**
- Perf Testing project on hold, resources focusing on EVM - **blocked**

Complete ■
 In Progress ■
 Backlog ■



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

May 2023

- Implemented nodeos process control in launcher.py
- Enhanced all regression Python tests to verify clean shutdown
- Detected abnormal nodeos termination
- Python log truncated
- Nodeos Process Controls PR #1182 review complete, code merged
- Expose log truncations complete

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

Key Milestones

Description	Planned	Act/*Est
Nodeos Process Controls	22 MAY 2023	22 MAY 2023
Make use of send_transaction2 in Test Harness <i>(replace Capture Nodeos logs into an archive)</i>	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

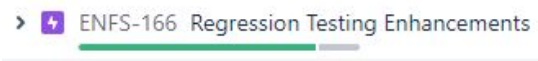
Upcoming Activities / In Progress

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

Issues / Risks / Escalations

- Tests failing in current Leap environment - **resolved**
- L. Huang now assigned to review PR to fix failed test - **resolved**
- Regression Testing project on hold, resources focus on P2P - **blocked**

Complete ■
 In Progress ■
 Backlog ■



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

June 2023

- Project documentation completed (Problem, Solution, Opportunity, Target audience)
- PMO Admin: Define features for P2P Improvements, project team planning session
- PMO Admin: Update milestone list with current estimates, story points
- Completed Issue: P2P Improve Sync Behavior
- Completed Issue: Enhance cluster_launcher test to support -plugin argument

July 2023

- Milestone #2, #3 ready for tests once boost is uploaded to main, Antelope PR#1142

Key Milestones

Description	Planned	Act/*Est
P2P sync improvements	09 JUN 2023	12 JUN 2023
POC: Terminal-based UI tools for managing/monitoring P2P	07 JUL 2023	*07 JUL 2023
Prometheus logging for P2P Peer Connection attributes	07 JUL 2023	*07 JUL 2023
Allow use of multiple ports for P2P	11 JUL 2023	*11 JUL 2023
Ability to limit peer bandwidth consumption	21 JUL 2023	*21 JUL 2023
Ability to label internal vs external peers	04 AUG 2023	*04 AUG 2023
Set server limit for --sync-fetch-span	08 AUG 2023	*08 AUG 2023
Stop nodeos from syncing blocks from the network while snapshot in progress	14 AUG 2023	*14 AUG 2023
Execution/Refinement: Terminal-based UI tools for managing/monitoring P2P	07 SEP 2023	*07 SEP 2023


Upcoming Activities / In Progress

- POC - Terminal-based UI tool for managing and monitoring P2P
- Prometheus logging for P2P Peer Connection attributes

Issues / Risks / Escalations

- P2P Improve sync behavior is an 11-13 point issue - **accepted**
- Limited resources may impact timing of features for 5.0 release - **escalated**
- Milestones #2 and #3 dependent on GitHub Antelope PR#1142 - **blocked**

Complete 
 In Progress 
 Backlog 

>  ENFS-931 P2P Code Updates (Leap 5.0)



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

June 2023




- 5.0: Fix for explicit time_point_sec conversion
- 5.0: EOS VM OC: Implement new Auto OC Mode - Add command line option
- 5.0: EOS VM OC: Add integration test to verify auto mode
- 5.0: EOS VM OC: Implement new Auto OC Mode
- 5.0: EOS VM OC: Implement new Auto OC Mode - Baseline performance
- 5.0: EOS VM OC: Implement new Auto OC Mode - Post performance testing
- 5.0: EOS VM OC: eval current limits of oc eosio.* contracts
- 5.0: Add disable version check opts for leap and cdt to eos-system-contracts
- 5.0: Update block_log, fork_db return empty `std::optional` req. data not present

July 2023

- Bug fixes (backport):
 - nodeos 3.1.0 and 4.0.3 cannot sync EOS from genesis with ship enabled
 - Problems with ship initial block in Leap 4.0.3
 - 4.0.3: p2p connections get dropped frequently

Upcoming Activities / In Progress

- Bug fixes (backport): Long startup time after upgrade to Leap v4.0.3
- In Peer Review:
 - PERF HARN EVM: Propose EVM performance harness testing methodology

- >  ENFS-829 Leap 5.0
- >  ENFS-912 Bug Fixes (backport)
- >  ENFS-951 Perf Harness - EVM

Complete 

In Progress 

Backlog 

Key Milestones

Description	Planned	Act/*Est
+Milestones Complete..		
EVM	15 JAN 2023	14 APR 2023
3.3: Block Log Splitting	01 MAR 2023	03 MAR 2023
Leap 4.0 (all new feature work and bugs)	01 MAR 2023	17 MAR 2023
Leap 5.0 (all new feature work and bugs)	30 SEP 2023	*30 SEP 2023
Bug Fixes (backport)	TBC	*TBC
EVM	TBC	*TBC

Issues / Risks / Escalations

- None

Project Start Date: 12 SEP 2022

Project Summary: Hypha to create a DAO management system for EOS

Final Project Milestone: Warranty Period (x6): 07 AUG 23 to 09 JAN 24

Status Scorecard

Schedule	■	■	■ <input checked="" type="checkbox"/>
Scope	■ <input checked="" type="checkbox"/>	■	■
Resources	■ <input checked="" type="checkbox"/>	■	■

Highlights & Accomplishments

June 2023

- QA activity, main functionality bugs addressed, repaired
- Notification feature planning, architecture completed
- Hypha meeting with ENF MarCom and DevRel teams to review DAO features
- Refactor, rewrite of component system
- Fiat flow created, stripe account set up to support credit card payment feature
- Hypha to review Electric Capital dev data collection for EOS Ecosystem
- Redesign of configuration page v2, internalization UI bug repairs completed
- Stabilize the Hypha wallet

July 2023

- Restructure Hypha website UX/UI completed, to prepare for beta
- Decision to use platform Weblate.org for Multilingual translations feature
- UI translated on six languages (English, Spanish, Portuguese, Korean, Chinese)
- Notifications feature completed
- Preparing for beta launch, remove friction of onboarding, change defaults

Key Milestones

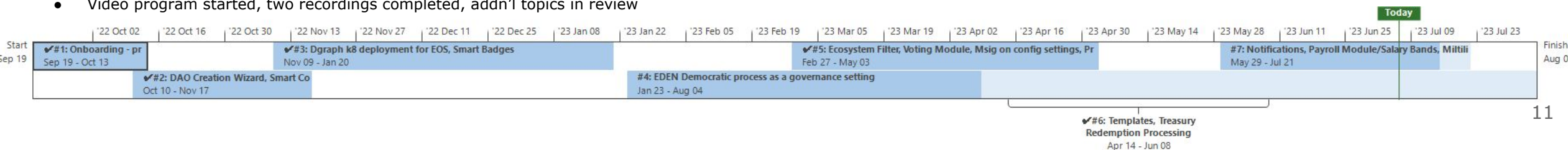
Description	Planned	Act/*Est
#1: Onboarding - profile service deploy for EOS, Mobile Version, Pricing Model +Freemium, staking and burning	14 OCT 2022	13 OCT 2022
#2: DAO Creation Wizard, Smart Contracts deploy on EOS	25 NOV 2022	17 NOV 2022
#3: Dgraph k8 deployment for EOS, Smart Badges	20 JAN 2023	03 FEB 2023
#4: EDEN Democratic process as a governance setting	24 FEB 2023	*04 AUG 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	*21 JUL 2023

Upcoming Activities / In Progress

- Select company for security audit, Beta launch MVP, bug fixes for end of June
- Config template for Eden Election, MS#4 modifications in dev review
- Milestone #7 frontend and backend development at 98% completion
- Notification feature to expand dGraph database to be storage layer, query user data
- Refactoring, rewriting after milestones complete to stabilize DAO
- Add feature to accept credit card payment, convert to crypto currency
- Restructure Hypha website to prepare for beta, development stage
- Video program started, two recordings completed, addn'l topics in review

Issues / Risks / Escalations

- Hypha to outline scope for Milestone #4, integrate into schedule - **escalate**
- Milestone #7 pushed for bug repairs, prepare for beta launch - **resolved**
- Company registration in Lichtenstein, need to review docs for fiat flow - **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

May 2023

- 17-May: Testing standards defined by Fudan team and submitted to milestone approver for review and approval
- 19-May: Testing standards to be discussed with milestone approvers
- 24-May: New testing files created after reviewing comments from approvers

June 2023

- 1-June: Technical Specifications Document updated and test files created
- 9-June: Ongoing review of PR#918 (Peer discovery) by milestone approver
- 14-June: PR#918 (Peer discovery) with unit testing confirmed by milestone approvers
- 28-Jun: Ongoing local testing by Fudan team

July 2023

- 5-July: Completion of local testing (self-built 5-10 node testnet)

Key Milestones

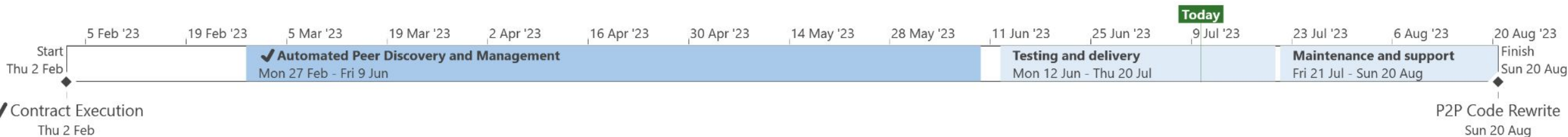
Description	Planned	Act/*Est
Contract Execution	02 FEB 2023	02 FEB 2023
Local GitLab and Local environment	01 MAR 2023	01 MAR 2023
Automated Peer Discovery and Management	29 MAR 2023	14 JUN 2023
Custom Chain Id	10 MAR 2023	10 MAR 2023
Alias Configuration	17 MAR 2023	17 MAR 2023
Peer Refreshing	24 MAR 2023	14 JUN 2023
Nodes Setting	29 MAR 2023	14 JUN 2023
Automated Testing	12 APR 2023	14 JUN 2023
Testing and delivery	22 MAY 2023	*20 JUL 2023
Maintenance and support	20 AUG 2023	*20 AUG 2023

Upcoming Activities / In Progress

- Testing phase on public testnet like kylin and jungle

Issues / Risks / Escalations

- Review and approval of deliverables are dependent on availability of milestone approvers - **escalated**



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

April 2023

- GameFi events and market research session complete

May 2023

- Workshop to deliver Sprint 1-4 findings to Graphic Mint, FUNDAY
- FUNDAY exploratory meeting with ELT team for brand, logo strategy
- FUNDAY presents revised schedule based on adjusted scope
- ENF explores option to run milestone deliverables in parallel, schedule rebaselining
- 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 leadership team approves pivot from website rebuild to website reskin scope

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

- Graphic Mint and FUNDAY discovery sessions
- FUNDAY, Graphic Mint, Double Up Digital and ENF sync meeting
- ENF and legal to confirm digital assets are compliant with global data privacy laws
- Update scope of work, Key Milestone dates to reflect changes approved by ENF
- Graphic Mint Sprints #5, #6 to refocus on reskin approach, 07 AUG - 21 AUG

Issues / Risks / Escalations

- Aggressive tight timeline, critical path milestones - *resolved*
- FUNDAY revised schedule on critical path, impacting timelines - *resolved*
- Revised FUNDAY Scope of work under executive review - *resolved*
- ENF website to be COPPA, ADPA, PIPEDA compliant - *resolved*
- Full project scope under review with ENF executive team - *resolved*
- ENF approves scope to pivot to website reskin may impact schedules - *escalated*

Project Start Date: 15 MAR 2023

Project Summary: Rebranding project for EOS Network, EOS EVM

Status Scorecard

Schedule	✓	✓	✗
Scope	✓	✓	✗
Resources	✓	✓	✗

Highlights & Accomplishments

May 2023

- Milestone #1 (Info Gathering, Onboarding) completed
- Team introduction session with FUNDAY, Graphic Mint, Double Up Digital and ENF
- FUNDAY Brand Meetings with marketing team

June 2023

- FUNDAY Brand Architecture & Logos options, three potential paths completed
- Three potential paths presentation delivered to ENF for selection
- Selection made on brand path, feedback provided back to FUNDAY team
- Brand package presentation rescheduled for 20 JUNE, impact to Milestone #3
- Final packages presented to ENF to finalize path

July 2023

- FUNDAY Brand package options presentation to ENF

Key Milestones

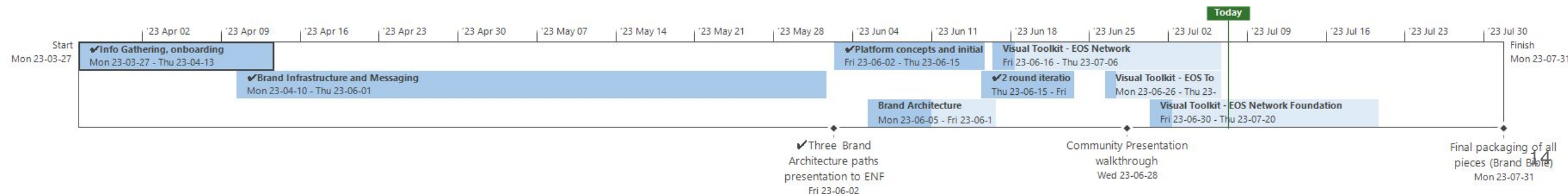
Description	Planned	Act/*Est
Info Gathering, Onboarding	13 APR 2023	13 APR 2023
Three potential paths	02 JUN 2023	02 JUN 2023
Community Presentation	21 JUN 2023	*19 JUL 2023
Content Strategy for ENF	30 JUN 2023	30 JUN 2023
Visual toolkit - EOS Network	27 JUL 2023	*27 JUL 2023
Visual toolkit - EOS Network Foundation	17 JUL 2023	*17 JUL 2023
Visual toolkit - EOS Token	25 JUL 2023	*25 JUL 2023
Community Ownership Toolkit	25 JUL 2023	*25 JUL 2023
Final Packaging of all pieces (Brand Bible)	31 JUL 2023	*31 JUL 2023

Upcoming Activities / In Progress

- EOS Rebranding Announcement + Community Timeline - Campaign
- ENF meeting with Funday to review final brand creative (colour pallets, fonts)
- Brand hand-off from FUNDAY to ENF

Issues / Risks / Escalations

- FUNDAY revised schedule on critical path, impacting timelines - **escalated**
- Revised scope of work under executive review - **resolved**
- Milestone #3 postponed, no impact to timelines - **accepted**





Scalability+

IBC (inter blockchain communication)

Origin

Report Date: 06 JUL 2023

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) | <https://github.com/cryptomechanics> | <https://antelopeibc.io/>

Status Scorecard

Schedule	✓		
Scope	✓		
Resources	✓		

Highlights & Accomplishments

April 2023

- N. James to review Milestone #5
- Milestones #5 and #8 are complete, approved by Coalition
- IBC project waiting for IF to complete final milestone #6
- WAX successfully completed 'to' and 'from' transactions
- IBC webpage launch <https://eosnetwork.com/ibc-using-eos/>
- Addressed error messages submitted in Antelope IBC Protocol Telegram channel

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

Key Milestones

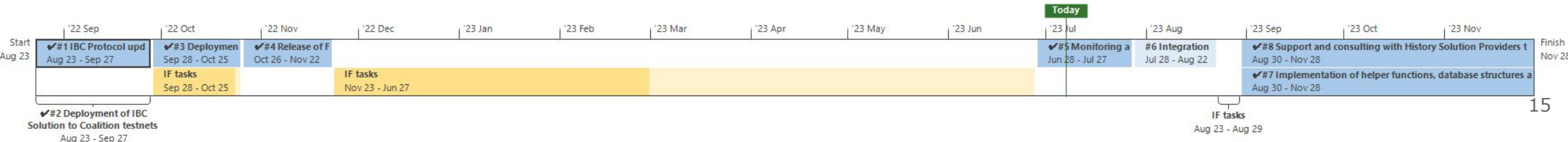
Description	Planned	Act/*Est
#1 IBC Protocol updates	27 SEP 2022	03 NOV 2022
+Milestones Complete..		
#4 Release of Firehose + proof API server bundle	22 NOV 2022	15 DEC 2022
#5 Monitoring and analysis tools: API to monitor contracts on+alert mechanism (Coalition approved change)	27 JUL 2023	07 APR 2023
#6 Integration of IBC and Instant Finality (+IF milestone #5: Successful private testnet deployment)	22 AUG 2023	*22 AUG 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

- Z. Gall, N. James supporting Origin on Technical AMA call with interested developers
- IBC planning for integration with IF, launch on testnet

Issues / Risks / Escalations

- None





Scalability+

IF (Instant Finality)

Origin

Report Date: 06 JUL 2023

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

May 2023

- A. Hayrapetian reviewing BLS, Linearly aggregable signatures PR
- Feedback provided to Origin on BLS, Linearly aggregable signatures PR
- F. Cecin minor refactoring to clean code base, improve efficiencies
- M. Schoenebeck repaired issues reported by ENF during reviews, CDT & Leap PRs

June 2023

- Y. Who and A. Hayrapetian reviewing BLS Library, Linearly Aggregable Signatures
- M. Schönebeck received lib review feedback, implemented changes
- Initial lib feedback changes yielded significant performance improvements
- Y. Who and A. Hayrapetian completed MS#2 2nd review, feedback provided
- Final lib bug identified, solutioned for out of bound access issue

July 2023

- ENF proposed solution for issue under review, Origin counter solution proposed
- Addn'l Leap unit tests deal w/ garbage input passed into host functions completed

Key Milestones

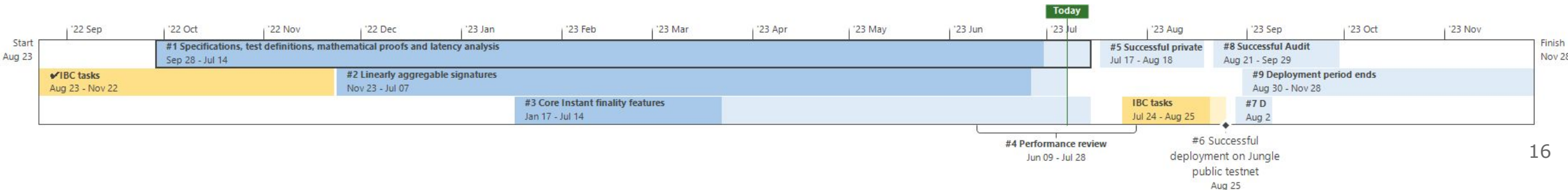
Description	Planned	Act/*Est
#1 Specifications, test definitions, mathematical proofs, latency analysis	25 OCT 2022	*14 JUL 2023
#2 Linearly aggregable signatures	15 JAN 2023	*07 JUL 2023
#3 Core Instant Finality features (Hotstuff)	28 FEB 2023	*14 JUL 2023
#4 Performance review	28 MAR 2023	*28 JUL 2023
#5 Successful private testnet deployment (+IBC milestone #6 - integrate IBC with IF)	28 MAR 2023	*18 AUG 2023
#6 Successful deployment on Jungle public testnet	23 MAY 2023	*25 AUG 2023
#7 Documentation	27 JUN 2023	*08 SEP 2023
#8 Successful Audit	29 AUG 2023	*29 SEP 2023
#9 Deployment period ends (support with activation)	28 NOV 2023	*28 NOV 2023

Upcoming Activities / In Progress

- Decision for ENF Eng. (TBC) to be added into upcoming sprint, iteration planning
- HotStuff core protocol consensus mech. as base consensus algorithm
- Core IF unit + integration tests, IF protocol feature activation
- Integration with Leap data structures
- A. Hayrapetian to provide edge cases for Core IF features

Issues / Risks / Escalations

- IF timeline critical to include feature with Antelope Leap v5.0. release - **escalated**





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

Link: <https://github.com/wharfkit/> - key milestones updated 01 FEB 2023 to v4 (Coalition approved)

Status Scorecard

Schedule	✔	✔	✘
Scope	✔	⚠	✘
Resources	✔	⚠	✘

Highlights & Accomplishments

June 2023

- Website documentation engine implementation completed
- Milestone #5 review completed
- Table abstraction functional unit tests completed
- Updates to all example implementations to bring to current version
- Progress on Antelope core library documentation and usage
- Updates to Table abstraction to simplify usage and include table scopes
- Documentation repo site created on website <https://wharfkit.com/>
- Iterating Table abstraction syntax, addressed bugs
- Commits for code base completed table abstraction, pushed up to GitHub

July 2023

- Creation of the ContractKit factory to mirror SessionKit functionality
- Implementation of new typed Table query syntax and generators
- wharfkit/antelope library support for read-only transactions

Key Milestones

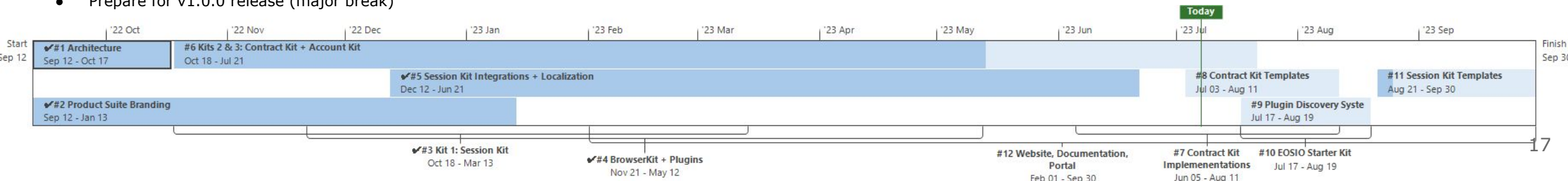
Description	Planned	Act/*Est
#1 Architecture	15 OCT 2022	17 OCT 2022
#2 Product Suite Branding	13 JAN 2023	11 JAN 2023
+Milestones Complete..	23 JAN 2023	13 MAR 2023
#5 Session Kit Integrations + Localization	08 APR 2023	20 JUN 2023
#6 Contract Kit + Account Kit	02 JUN 2023	*21 JUL 2023
#7 Contract Kit Implementations	07 JUL 2023	*11 AUG 2023
#8 Contract Kit Templates	22 JUL 2023	*11 AUG 2023
#9 Plugin Discovery System + Dev Tutorials	19 AUG 2023	*19 AUG 2023
+Milestones to follow...		
#12 Website, Documentation, Portal	30 SEP 2023	*30 SEP 2023

Upcoming Activities / In Progress

- Documentation for Session Kit, Core Libraries
- UI doc final edits/proofreading, markdown for references/linking
- Develop modernizing access to table data through Contract Kit
- Development of Contract Kit code generation suite
- Wharf website phase two development - marketing, documentation sections
- Prepare for v1.0.0 release (major break)

Issues / Risks / Escalations

- No EOS external wallets using scatter available, Milestone #9 - **blocked**
- Change approach to access table data through Contract Kit - **resolved**



The background features a complex network of thin, light blue lines connecting various points, creating a web-like structure. Overlaid on this are several semi-transparent, light blue geometric shapes, primarily triangles and polygons, some of which are larger and more prominent than others. The overall aesthetic is clean, modern, and technical.

Operations Metrics










Operations Scorecard

(Rolling 12 months)

Area / Metrics	Link	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Market Funding													
Direct Grants Fully Approved (#)	+	0	2	0	3	1	1	0					
Direct Grants Fully Approved (\$)		\$0	\$275,000	\$0	\$233,000	\$10,000	\$10,000	\$0					
Direct Grants Rejected (#)		1	0	5	6	9	13	3					
Direct Grants Processing Time (days)		6	11	21	17	8	5	2					
Developer Relations													
# of DevRel tickets closed	+	20	9	20	21	17	16	1					
# of guides completed (Cumulative)			3	4	6	10	19	19					
# of videos completed (Cumulative)						2	2	2					
# of courses completed (Cumulative)						79	82	87					
# of docs new users			10	330	2,200	878	565	128					
# of learn new users		114	206	199	343	227	165	41					
Regression Metrics - Antelope													
First Pass Yield (WF Runs)	+	78%	96%	95%	100%	95%	90%	89%					

Operations Scorecard

(Rolling 12 months)

Area / Metrics	Link	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Community Engagement - EOS Support													
# of Articles / Stories published		168	98	120	89	84	188						
# of Surveys completed	 +	0	1	0	0	0	0						
# of Giveaway show participants		119	188	177	99	90	173						
Business Development - Blockument													
Total Open Leads		278	326	368	440	579	590						
Projects in Commercials Discovery		130	163	182	210	240	250						
MoU Signed	 +	5	6	7	8	9	10						
Demos / Prototypes in work		2	3	4	5	8	11						
Project SoWs Signed		0	0	0	0	0	0						
Projects deployed to Mainnet		0	0	0	0	0	0						
Recover+													
Dollar amount coverage					\$47,625,135	\$67,072,564							
Total number of Applications registered	+				23	23							

Review of Contracts, RFP and Grants status for week of 07 July 2023

Status Scorecard

Schedule	✓		
Scope	✓		
Resources	✓		

Highlights & Accomplishments

Contracts

- None

RFP

- None

Grants

- Knockout Wars Game grant request committee approved.
- Security Audit Assistance for EVMNS committee approved.
- Neutroswap committee approved.

Status Overview

Area	Document	Status	Notes
Contracts	Fabwelt Studios (LOC)	Sent out for Signature	J.M. Contract Request
Grants	Batch 29	Closed	Emails sent
Grants	Batch 30	Closed	Sending out emails
Grants	Batch 31	Open	

Upcoming Activities / In Progress

Contracts

- Privacy Policy
- Current Contracts Review
- Fabwelt Studios EVM ICA

RFP

- None

Grants

- Reviewing incoming Grants and sending for translation.
- Opened Batch 31

Issues / Risks / Escalations

- EOS Support Contract ends 7/31/2023

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Completed Projects

(for reference only)

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

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 UserTrxDatFile 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 and arg 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

Complete
 In Progress
 Backlog

> + ENFS-587 Perf Harness - Phase 2

Issues / Risks / Escalations

- None

- > + 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

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

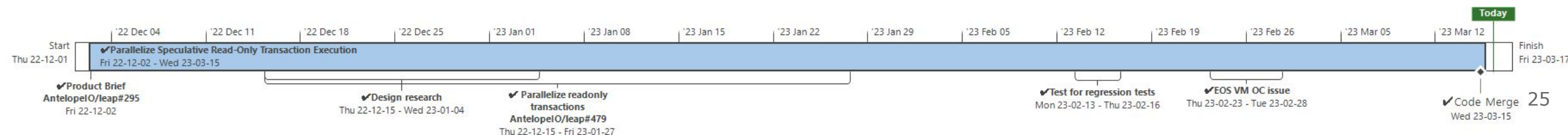
Description	Planned	Act/*Est
Parallelize Speculative Read-Only Transaction Execution	14 FEB 2023	15 MAR 2023
Code complete (release candidate)	01 APR 2023	15 MAR 2023
Code in production	01 APR 2023	25 APR 2023

Upcoming Activities / In Progress

- **PROJECT COMPLETE**

Issues / Risks / Escalations

- None





HubSpot

ENF

Report Date: 19 MAY 2023

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

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

Upcoming Activities / In Progress

- **PROJECT COMPLETE**

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

Issues / Risks / Escalations

- None

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 (<i>ABM set-up on hold</i>)	24 JUN 2023	02 JUN 2023
Staff training (<i>need to develop training program</i>)	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

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



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

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

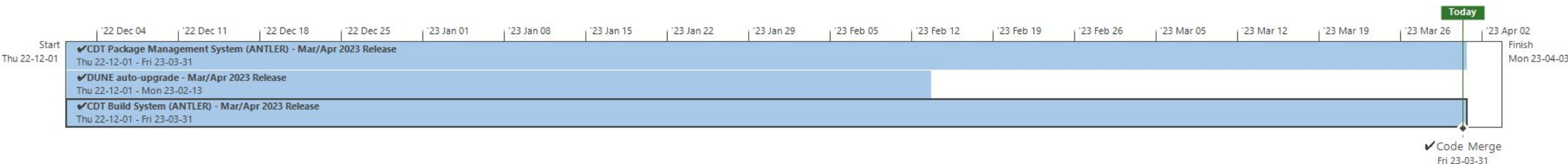
Description	Planned	Act/*Est
DUNE auto-upgrade	01 FEB 2023	26 JAN 2023
<i>CDT Debugging Framework (ANTLER)</i>	<i>TBD</i>	<i>*TBD</i>
CDT Package Management System (ANTLER)	20 FEB 2023	31 MAR 2023
CDT Build System (ANTLER)	23 FEB 2023	31 MAR 2023
CDT Code complete (release candidate)	01 APR 2023	05 MAY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





Coalition Ledger App

Report Date: 02 JUN 2023

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	—	—	—
Scope	—	—	—
Resources	—	—	—

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

Report: 26 MAY 2023

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