Blossom (NU2)

Timeline

	-16 months	-15 months	-14 months	-13 months	-12 months	- 11 months	- 10 months	- 9 months	- 8 months	- 7 months	- 6 months	- 5 months	-4 to -1 months	Day 0
	July	August	September	October	November	December	January	February	March	April	May	June	July - September	October

Regular Releases

Milestones
- Feature Selection Complete
- Specification Pre-Audit Freeze
- Specification Freeze
- Feature Complete Deployed (Beta Testnet)
- Code Release Merge to Master Testnet Activation
- Mainnet Activation

Roadmap
- Research & Development
- 1 Feature Selection
- 2 / 3 / 5 Specification / 8
- 4 / 7 Code Implementation / 9 / 11
- 12 Testing / 14
- Auditor Selection / 6 / Specification Audit / 10
- 13 Implementation Audit
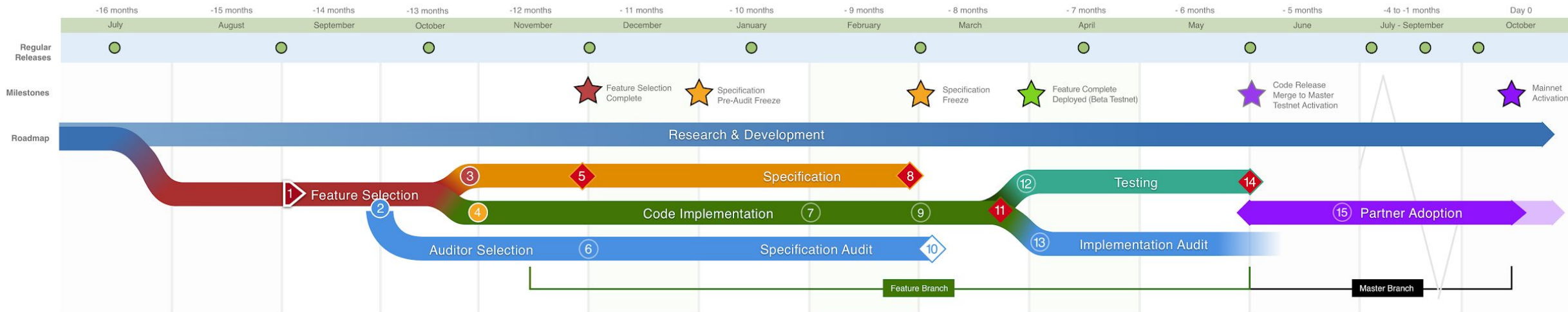- 15 Partner Adoption

Feature Branch   Master Branch

Network Update Roadmap by Numbers

1 Feature Selection
This should begin no later than 14 months before mainnet activation, but can be started earlier. *Handoff from R&D Lead to Feature Lead.*

2 Auditor Selection Begins
Define scope based on specification information so far, find auditors, negotiate contracts. *Handoff from Feature Lead to Security Assessor*

3 *Feature Lead verifies that feature selection is complete and Specification Lead agrees to take on specification work*

4 *Specification Lead provides initial specifications to Implementation Lead and Implementation Lead agrees to take on work.*

5 All new or incomplete specifications after this point may not be included in this network upgrade, but work may continue to get them activation-ready for the next release.

6 Auditor Selection Complete

7 Prototype and Test Vectors Complete

8 All specifications are complete, including all changes as a result of the specification audit. All specifications that are not completed with audit remediations by this point may not be included in this network upgrade.

9 *Security Assessor certifies that all specification audits are complete and all remediations have been completed. Implementation Lead agrees to take on implementation completion.*

10 Specification Audit and Remediations Complete
All incompletely audited or remediated specifications after this point must go into the next activation, but work may continue on these incomplete specifications to get them activation-ready for the next release.

11 Code is Feature Complete
Code is complete except any fixes that arise in testing/implementation audit, including RPCs and wallet integration but not necessarily library updates. All features that are not code-complete may not be included in this network upgrade; work may continue on code to get it activation-ready for the next release.

12 *Implementation Lead certifies that all coding is feature complete and Quality Assessor agrees to begin QA process.*

13 *Implementation Lead certifies all coding is complete and Security Assessor agrees to begin the implementation audit process.*

14 Testing and Remediations Complete
All features that are not fully tested with all issues remediated may not go into this network upgrade, but work may continue on new specifications to get them activation-ready for the next release.
Quality Assessor and Security Assessor certify that all testing and audit is complete and all remediations have been completed, Implementation lead agrees to merging and activation.

15 Mainnet Activation Commit
- 4 months (Dec 31/Jun 30)

★ **Draft ZIPs Submission Deadline**
Zcash Company receives all draft ZIP submissions for network upgrade. All network upgrade features must have a draft ZIP to be considered; **any features that do not have a Draft ZIP must wait until the next activation.**

★ **Feature Selection Complete**
All draft ZIPs have been reviewed and discussed. Zcash Company decides which ZIPs are included in the official Company-supported version of Zcash.

★ **Specification Pre-Audit Freeze**
All specifications for all features are complete. Specifications may only change after this point if anyone discovers a high priority issue.

★ **Code Release/Merge to Master/Testnet Activation**
All code has been completed, tested and audited.
Library updates are completed.

● **Regular Release**
Software releases that occur approximately every six weeks and do not require a network upgrade. These include both low and high effort changes and some also require specifications and audits.