**FACTOM**

**COMMUNITY**

**Authority Node Operator Expectations**

**DOC 003**

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| VERSION | DATE | CHANGED BY | CHANGES |
| 0.1 | 2018-10-11 | CL: Sam Vanderwaal | Initial Draft |
| 0.2 | 2018-11-24 | CL: Sam Vanderwaal | Community Input Draft |
| 0.3 | 2018-11-28 | Canonical Ledgers, LayerTech, Factomatic | Legal review of community input |
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# Introduction

* 1. This document describes a set of expectations of an Authority Node Operator (ANO) in the Factom protocol. The purpose of this document is to establish a standard for ANOs’ conduct and to serve as a framework to measure and compare the performances of the ANOs. An ANO’s failure to sufficiently adhere to the expectations set forth herein may constitute a cause for removal of the ANO as described in Doc 101.
  2. All capitalized terms used herein and not otherwise defined in this document shall have the meanings ascribed to them in Doc 001.
  3. When full standing is implemented, and ANOs are placed in the position of defending their position as an ANO to a broad set of standing parties, then this document will be retired.

# Requirements

* 1. ANOs must take part in Factom governance in a meaningful way.
     1. ANOs should vote in at least ninety percent (90%) of the votes on the community forum or other voting platform the community adopts.
     2. ANOs should utilize the “ANO Contributions” subforum to post updates on their projects, contributions, or other activities or initiatives in Factom ecosystem at least once a month. These updates may be posted elsewhere and linked to within the forum.
     3. ANOs should timely follow at least ninety percent (90%) of “Minor” or “Major” discussion threads and Document Ratification threads they are invited to even if they don’t participate otherwise.
     4. ANOs should review and vote on every grant proposal during Factom grant application rounds.
  2. ANOs must respond promptly to Emergency Alerts.
     1. ANOs should respond to any and all Factom Emergency Alert triggers within two (2) hours of the occurrences of the trigger events. This allows critical updates and network restarts to happen in a timely manner which is vital for the stability and vitality of the protocol and therefore its value to end users.
  3. ANOs must update their associated Factomd Authority nodes promptly.

ANOs should strive to adhere to the following update schedules:

* + 1. Within seven (7) days for ordinarily scheduled factomd software updates.
    2. Prior to the activation height for updates with such a requirement.
    3. As suggested during a network emergency situation.
  1. ANOs discovering bugs or vulnerabilities in the Factom protocol must not disclose these bugs publically for at least ninety (90) days or until the bug has been protected against.
  2. ANOs should announce any changes to their efficiency in their ANO Contributions update threads.
  3. ANOs should report anomalies and provide logs to the common log repository upon request and adhere to any other incident and alerting processes approved by the Standing Parties.
  4. ANOs should maintain updated emergency contact information via the tEmergency Contact Information form.
  5. ANOs should make reasonable and good faith efforts to adhere to their currently listed ANO-pledges.
  6. ANOs should engage the community in the event that their pledges require any modification or update by posting in their ANO Contributions threads.
  7. ANOs should abide by the factomprotocol.org code of conduct when utilizing the website.
  8. ANOs should attend ANO meetings.
  9. ANOs should make reasonable efforts to have at least one person from their team attend Factom Retreats which may be held once per year.
  10. ANOs should make every effort to operate their Authority node servers as close to 100% uptime as possible, not counting network/infrastructure-related issues beyond their control.
  11. An ANO’s value provided to the protocol should be commensurate with their node efficiency.

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