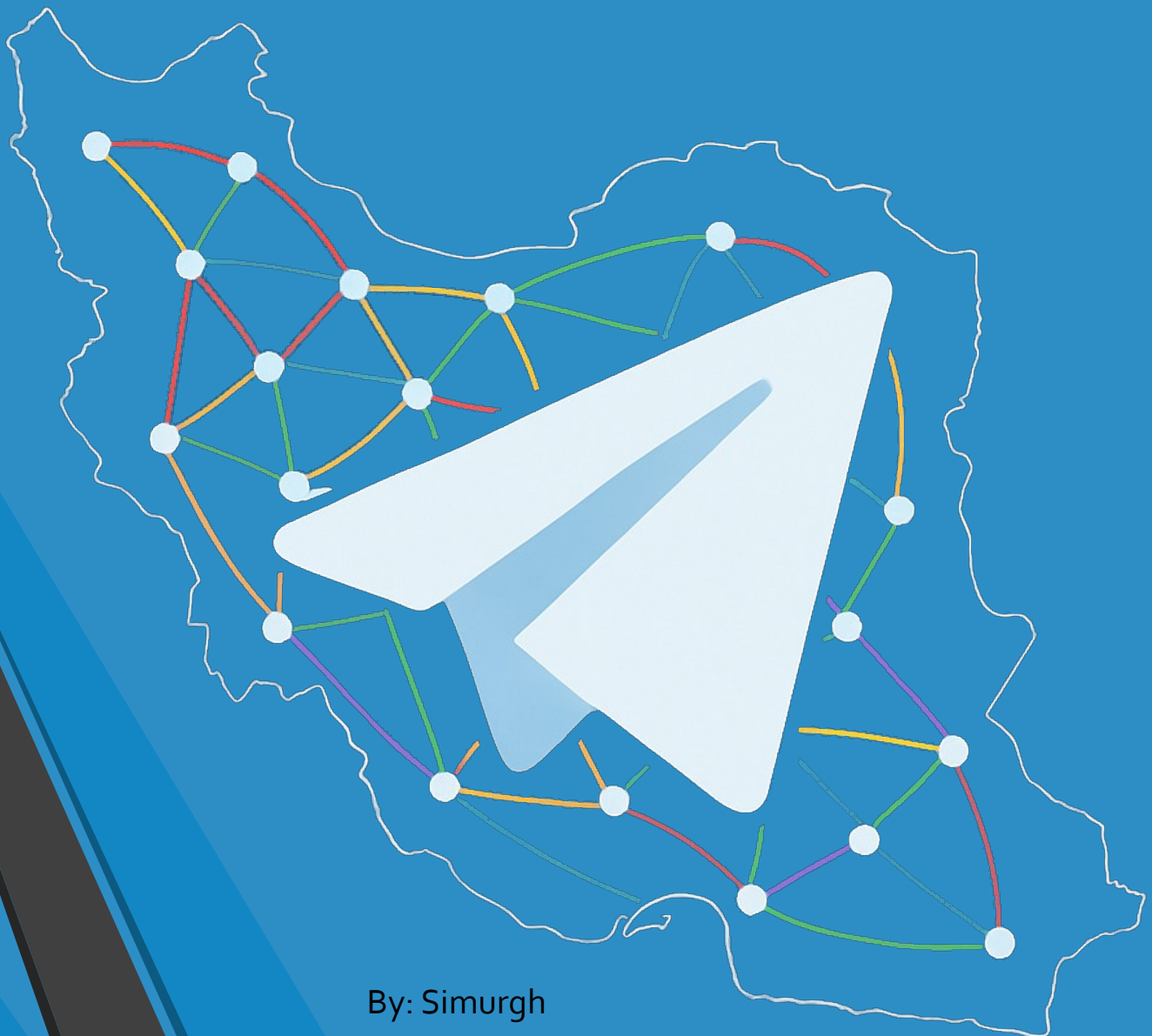


# A Treatise for One Network (Version 2.0)

The Agora Protocol for Secure, Anonymous,  
and Scalable National Deliberation



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August 2025

# Executive Summary

Authoritarian regimes thrive by systematically dividing their opposition and silencing the populace, creating a crisis of disconnected voices where citizens feel isolated and powerless. This is the current reality in nations like Iran, where movements for freedom are deliberately undermined by fostering discord. This paper proposes a technological solution to this problem: **The Agora Protocol**, a new feature integrated within the trusted and widely-used Telegram platform.

The protocol establishes a secure, anonymous, and multi-stage deliberation process where citizens can discuss and vote on pressing national issues. Through a meritocratic filtration system, the most resonant and well-reasoned ideas rise to the top, culminating in a national consensus that is transparent and visible to all participants. This tool is designed not only to bridge internal divisions but also to provide a clear, data-driven barometer of the people's true will, empowering them to move forward with unity and a shared sense of purpose.

This document outlines the protocol's mechanics, its robust safety features, its inherent resistance to manipulation, and a detailed, multi-phase strategy for a secure and fair public launch.

# 1. The Problem: The Crisis of Disconnected Voices

In the wake of major social upheavals, such as the "Women, Life, Freedom" movement in Iran, a critical vulnerability emerges for citizens seeking change: the fragmentation of their collective voice. Authoritarian states have mastered the strategy of "divide and conquer," not on the battlefield, but in the digital and social spheres. They exploit and amplify minor disagreements among opposition groups, sow distrust through disinformation campaigns, and enforce a climate of fear where open discourse is perilous.

The result is a population left feeling isolated and helpless. Individuals, even when they share the same fundamental goals, are unable to communicate at scale to discover their common ground. They don't know what their fellow citizens are truly thinking, what their priorities are, or what solutions they might support. This lack of a connective tissue allows a minority in power to control a disconnected majority. Any meaningful path forward requires a solution to this foundational problem: the absence of a safe and trusted space for a nation to talk to itself.

## 2. The Opportunity: Leveraging Existing Networks for Change

While the challenge is immense, a unique opportunity exists within the digital infrastructure that people already use and trust. In Iran and many other nations with restricted internet access, Telegram has proven to be a uniquely resilient and popular platform. With its robust anti-censorship features and commitment to user privacy, it has become a de facto social commons for millions.

This existing, trusted network is the ideal foundation upon which to build a solution. We do not need to persuade millions of people to join a new, unknown application. We only need to provide them with a new tool within the environment they already occupy. The challenge is not to build a community from scratch, but to provide a secure and structured forum for the community that already exists.

### 3. The Solution: A Treatise for One Network

To solve the crisis of disconnected voices, we propose a new, integrated feature within Telegram—a structured deliberation system governed by three core principles:

**Absolute Anonymity**

**Structured Process**

**Meritocratic Promotion**

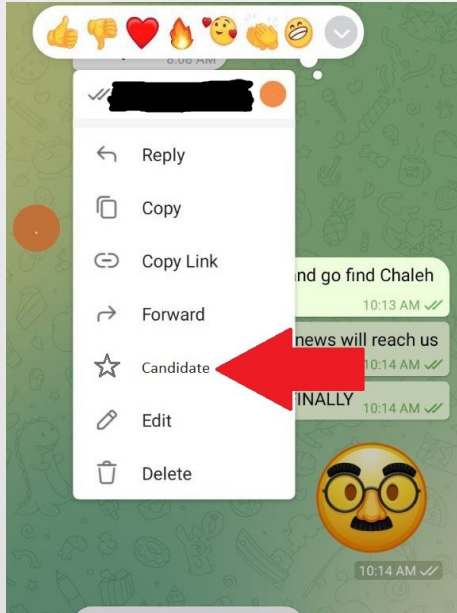
## 3.1 The Process: From Discussion to Consensus

The system operates in bi-monthly (every two months) cycles, guiding a large population through a funnel of deliberation.

- **Step 1: Initialization.** At the start of each cycle, any user can opt-in to the "Country Mode" in the Telegram. They are assigned a random, anonymous avatar and profile, completely disconnected from their personal identity. They are then placed into a randomly-assigned Level 1 group of 100 participants.
- **Step 2: Deliberation (7 Days).** For one week, the 100 members of each group can discuss any topic of national importance. The conversation is public within the group, but no private messaging is allowed to ensure all communication is transparent.
- **Step 3: Nomination.** During the week, any member can mark one of their own messages as a "candidate message." This message should encapsulate their most important idea or proposal. The message is pinned for all to see and cannot be edited.
- **Step 4: Voting & Promotion.** Throughout the week, members cast a limited number of votes (e.g., 5 votes per user) on the candidate messages they find most essential and reasonable. At the end of the 7 days, the 10 messages with the most votes are declared the "winning ideas," and their authors are automatically promoted to a Level 2 group for the following week. All Level 1 groups are then dissolved.
  - **Tie-Breaking:** In the event of a tie for the final promotion spots, a 24-hour runoff vote between only the tied candidates will be initiated to determine who advances.

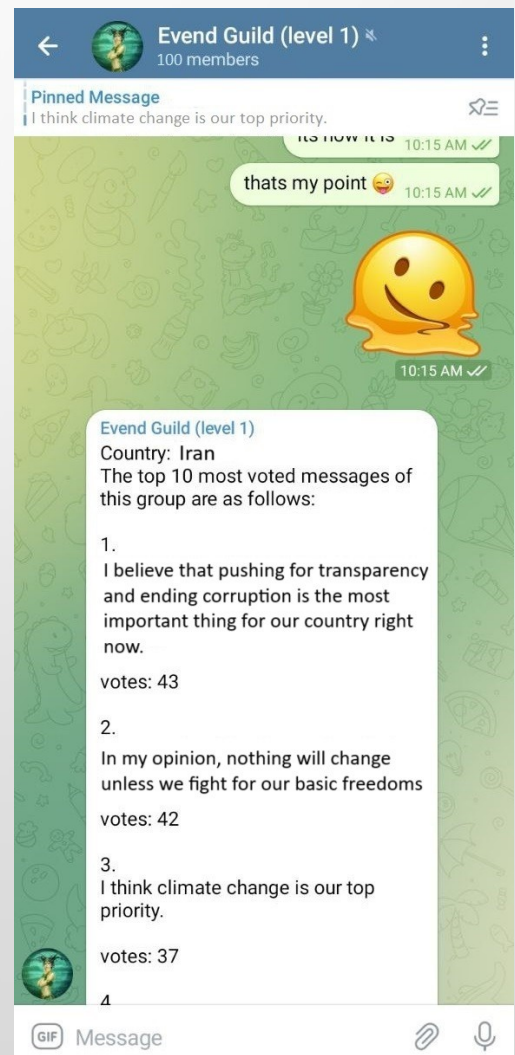


## 3.2 The Filtration Funnel



This process repeats. Level 2 groups are composed of winners from various Level 1 groups. They again have 7 days to deliberate and vote. The top 10 from each Level 2 group advance to Level 3.

This continues until the process yields a single "Final Group" of up to 100 participants who have successfully passed through multiple rounds of peer evaluation.



## 3.3 The Final Stage: National Transparency

The Final Group is unique. Its discussions are viewable by anyone who participated in any level of that cycle's process. At the end of the final week, the top 10 winning ideas from this group can be put to a wider vote (with security measures discussed in subsequent sections) and are then announced publicly as the most resonant proposals of that cycle. This group also remains active to address immediate, breaking national crises.





## 3.4 Platform Rules & Safety

To ensure a safe and civil environment focused on substantive debate, the following rules are strictly enforced within the protocol's groups:

- **Text-Only Communication:** To prevent harassment and maintain focus on the argument, no media (images, video, voice), GIFs, or stickers are allowed.
- **No External Links (in early stages):** To ensure security and prevent phishing, external links are disabled in Level 1 groups. A "whitelisted" link-sharing system may be enabled for trusted participants at higher levels.
- **Curated Emojis:** Only a pre-approved list of emojis focused on expressing emotion and opinion are available.
- **Vulgarity Filter:** An automated filter blocks messages containing profanity and notifies the sender, ensuring a baseline of civil discourse

## 3.5 System Integrity Features

To ensure fairness and focus, two further features are critical:

- **Prevention of Collusion:** There is no private messaging functionality within the system. All communication happens in the open group forum.
- **Ideological Consistency:** In all levels above 1, a member's previous winning "candidate messages" are visible on their anonymous profile. This allows other members to assess the consistency and coherence of their ideas, acting as a powerful defense against populism and bad-faith arguments.

## 3.6 Unprecedented Scalability and Efficiency

The tiered, funnel-like structure of the protocol allows it to scale to an entire nation with remarkable speed. The mathematics of the process are compelling: even if 100 million users were to participate, the system would only require a six-level process to arrive at a final group of 100 individuals.

- Week 1: 100,000,000 users -----> 1,000,000 Level 1 groups
- Week 2: 10,000,000 users advance -> 100,000 Level 2 groups
- Week 3: 1,000,000 users advance --> 10,000 Level 3 groups
- Week 4: 100,000 users advance ----> 1,000 Level 4 groups
- Week 5: 10,000 users advance -----> 100 Level 5 groups
- Week 6: 1,000 users advance -----> 10 Level 6 groups
- Week 7: 100 users advance -----> 1 Final Group

This demonstrates that the protocol is not a theoretical exercise but a practical tool capable of handling a nationwide dialogue in a defined and timely manner.

## 4. Anticipating and Mitigating Risks

A system designed to empower the public will inevitably be a target for those who wish to silence it. The protocol has been designed with the following risks and mitigations in mind:

- **Risk: Manipulation by State Actors, Bots, or Coordinated Groups.**
  - **Primary Defense:** Structural Design. Simple barriers like phone verification are insufficient as they can exclude the diaspora. Instead, the protocol's primary defense is its very structure: massive randomization and scale.
  - **Randomization:** An adversary with, for example, 1,000 coordinated accounts cannot concentrate them in one group. The protocol would scatter them across 1,000 different groups, where their single vote would be statistically negligible.
  - **Scale:** To have a meaningful impact, an adversary would need to infiltrate a statistically significant percentage of the potentially millions of concurrent groups, raising the cost and complexity of an attack by several orders of magnitude.
  - **Final Group:** The final, public vote on the top 10 ideas will be protected. We propose a "tiered voting" system where votes from process participants hold more weight, supplemented by "proof-of-reading" hurdles and backend anomaly detection to identify and discount fraudulent activity.

## 4. Anticipating and Mitigating Risks (cont.)

- **Risk: Hate Speech and Disruptive Bad Actors.**
  - **Mitigation:** A two-pronged approach. First, an AI moderation layer (similar to technology already in development) will automatically flag and remove clear violations like hate speech or direct threats. Second, for users whose goal is not to persuade but simply to disrupt, a user-flagging system can lead to a temporary ban from the "Country Mode" feature if a user is consistently and overwhelmingly identified as a toxic actor by their peers. This protects the health of the deliberative space.
- **Risk: Lack of Representativeness.**
  - **Mitigation:** While the Telegram user base is not a perfect mirror of the entire nation, it is the largest and most trusted social commons available. The value of this tool will create a network effect: as it produces meaningful results, more citizens from all demographics will be incentivized to join, progressively increasing its representativeness over time.

## 5. Launch Strategy & Onboarding

To solve the "bootstrap problem" of achieving a critical mass of users without being vulnerable to early manipulation, we propose a sophisticated, multi-phase launch strategy facilitated by Telegram.

- **Phase 1: Awareness Campaign (T-minus 2 weeks).** Telegram announces the upcoming "Country Mode" feature via its official channels, building anticipation and legitimacy.
- **Phase 2: The Invitation Process (T-minus 1 week).** Telegram sends a large number of **random, non-transferable invitations** via secure, in-app messages to users within a target country. Invitees are given several days to accept. If the acceptance rate is low, a second wave of random invites is sent to reach the target number of initial participants (e.g., 100,000).
- **Phase 3: The Public Maturation Phase (6 months).** The protocol is launched. For the first six months, new cycles begin monthly, each with a new, randomly invited cohort of participants. The general public can **watch** these discussions. This allows a culture of thoughtful deliberation to develop organically and allows the public to learn the norms of the system before it is opened up to all users



## 6. Potential Impact & Call to Action

"A Treatise for One Network" is more than a software feature; it is a tool for social cohesion. By allowing a population to discover its own collective will, it directly counters the strategy of "divide and conquer." It transforms a landscape of isolated individuals into a connected, deliberative body capable of generating a clear mandate for change. It provides a path out of the helplessness that paralyzes progress.

The development of this protocol is a significant undertaking, but its promise is greater still. Its success depends on a coalition of visionaries who understand what is at stake.

We are therefore seeking partners to bring this vision to life. We are looking for:

- **Technologists and Developers** to help refine the protocol and build a working proof-of-concept. The implementation could take the form of a native Telegram feature or, as experts have suggested, a secure, decentralized **Telegram Mini-App (dapp)**.
- **Digital Rights Organizations and NGOs** to provide strategic guidance, advocacy, and support for a pilot program.
- **Visionaries within Telegram** who recognize the potential of this tool to fulfill the platform's highest promise of connecting people and defending free expression.

The time for disconnected voices is over. It is time to build the network.

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## 7. For Developers & Implementers

The "A Treatise for One Network" protocol is an open framework. To ensure the safety, security, and integrity of any potential implementation (such as a Telegram Mini-App), any legitimate version must adhere to the following core principles:

1. **100% Open Source:** The entire source code must be publicly available for inspection and audit by the community. A tool designed for public trust must be publicly verifiable.
2. **Public Security Audit:** The application must undergo and pass a security audit from a trusted, independent third-party firm to verify its security and the integrity of its anonymity features.
3. **Official Endorsement:** To prevent fraudulent clones, any legitimate implementation must be officially recognized and linked to from this website (<https://simurgh-beau.github.io/>), the project's canonical source.