

Doma Hybrid Auction Protocol

DHAP 1.0

DI Networks

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Name: Doma Hybrid Auction Protocol (DHAP)

Industry: Web3 / DomainFi / DeFi

Stage: Early-stage protocol (Hackathon MVP → Venture Studio → IDO readiness)

Location: Singapore

We are building the next-generation **Auction Infrastructure on DomainFi**, enabling fair, transparent, and gamified mechanisms for domain token sales, portfolio trading, and secondary royalties.

Vision

To revolutionize how digital domains are valued, traded, and monetized on-chain — creating a global, liquid marketplace for domain-based RWAs (real-world assets).

Mission

- Empower users to **buy, sell, and fractionalize domains** using innovative auction formats.
 - Reduce inefficiencies in traditional auctions with **gamified incentives**.
 - Support investors and communities through **fair royalties and transparent price discovery**.
 - Unlock liquidity for domain holders via **batch auctions and fractionalization**.
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✕ Problems in the Current Market

1. Inefficient Price Discovery

- Traditional domain auctions favor last-minute sniping.
- Sellers often lose value due to lack of transparent mechanisms.

2. Limited Accessibility

- Premium portfolios are only available to large investors.
- Smaller buyers are excluded from participating in high-value sales.

3. Low Engagement in Dutch Auctions

- Bidders wait until the very end to buy at the lowest possible price.

- Results in fewer early bids and low community interaction.

4. **Stagnant Royalties**

- Fixed royalties don't scale with time or demand.
 - Sellers miss out on fair compensation during resale cycles.
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Our Solutions

1. **Gamified Dutch Auctions**

- Introduces Auction Mining → bidders earn loyalty points/NFTs for early engagement.
- Rewards participation, even if you don't win, reducing last-minute sniping.

2. **Batch Dutch Auctions**

- Group multiple domains into a single Dutch auction curve.
- Buyers can purchase fractions of portfolios → democratizes access for smaller buyers.

3. **Reverse Dutch Royalties**

- Royalties start at 0% and increase every block until a buyer accepts.
- Creates urgency, fairer rewards, and dynamic seller compensation.

4. **On-chain Loyalty Layer**

- Earned points redeemable for Doma Ambassador badges, NFT rewards, fee discounts.
 - Builds long-term community loyalty and repeat usage.
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Product & Protocol Features

- **Gamified Rewards System** (early participation = more rewards).
 - **Portfolio Sales with Fractional Access.**
 - **Dynamic, Fair Royalties.**
 - **NFT Badges + Loyalty Mining for Users.**
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Value Proposition

- **For Buyers:** Fractional access, fair pricing, and rewards for participation.
 - **For Sellers:** Higher liquidity, faster sales, and innovative royalty models.
 - **For Ecosystem:** More on-chain activity, gamification, and aligned incentives.
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Market Opportunity

- Domain names = 300+ billion dollar market.
 - Current systems are off-chain, inefficient, and non-inclusive.
 - DAP makes domain trading **on-chain, liquid, and engaging**.
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Competitive Advantage

- First mover combining **Dutch Auctions + Gamification + Portfolio Sales + Reverse Royalties**.
 - Fully integrated with **Doma Protocol's RFP tracks**.
 - Dual benefit: **higher engagement + more liquidity**.
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Roadmap

- **Q3 2025:** Hackathon MVP (Gamified Dutch Auctions + Loyalty Mining).
 - **Q4 2025:** Venture Studio incubation; expand Batch Auctions & Reverse Royalties.
 - **Q1 2026:** Doma Testnet launch.
 - **Q2 2026:** IDO preparation & ecosystem expansion.
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Team

- Core: Blockchain engineers, auction theorists, and Web3 builders.
 - Advisors: DomainFi + DeFi experts.
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Partnership & Support

- Deep integration with **Doma Protocol**.
- Seeking venture studio mentorship, grant funding, and strategic partnerships.
- Open to collaborations with registrars, NFT marketplaces, DeFi protocols.

Web Site

<https://doma-auction-frontend.vercel.app/>

Open Source Repository

- **Smart Contract**

<https://github.com/Oxawang/DomaAuction>

- **Frontend**

<https://github.com/Oxawang/doma-auction-frontend>

Addresses of Deployed Contracts (On Doma Testnet)

Contract Name	Address
HybridDutchAuction.sol	0xcf60D335E3aAd5a58c924d43Ce9F65e5557c7716
LoyaltyNFT.sol	0xa2E424DBdF826D5B80301B7F4C91cCoa2ffa8E5