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CENTR registry lock taskforce

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Members of the Task Force

Goals

TASKFORCE GOALS

STANDARDIZATION
Standardize Registry Lock across registries

AUTOMATION
Enable secure, fully automated Registry Lock management

ALIGNMENT
Ensure full operational, legal, and technical alignment

LOWER COSTS
Lower operational costs to support a low-cost or free model

SCALE
Enable scalable, multi-TLD commercialization by registrars

ADOPTION
Drive adoption through registrar alignment and joint go-to-market strategy

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How the Story went

The Registry Lock Task Force worked collaboratively to define a unified, secure and automated registry lock model.

THE BEGINNING

- Collected Registries **current experiences** with registry lock
- Collected **registrar feedback** on current solutions and expectations for a unified model

ITERATIONS

- Created multiple **registrar and registrant** personas
- Defined **Business requirements**
- **Whitepaper** completed
- **Specification** drafted
- **Collected inputs** at several events

THE END

- CENTR Registry Lock TF document **published** in the CENTR library
- EPP extension draft https://github.com/EricIO/draft-regext-epp-registry-lock/

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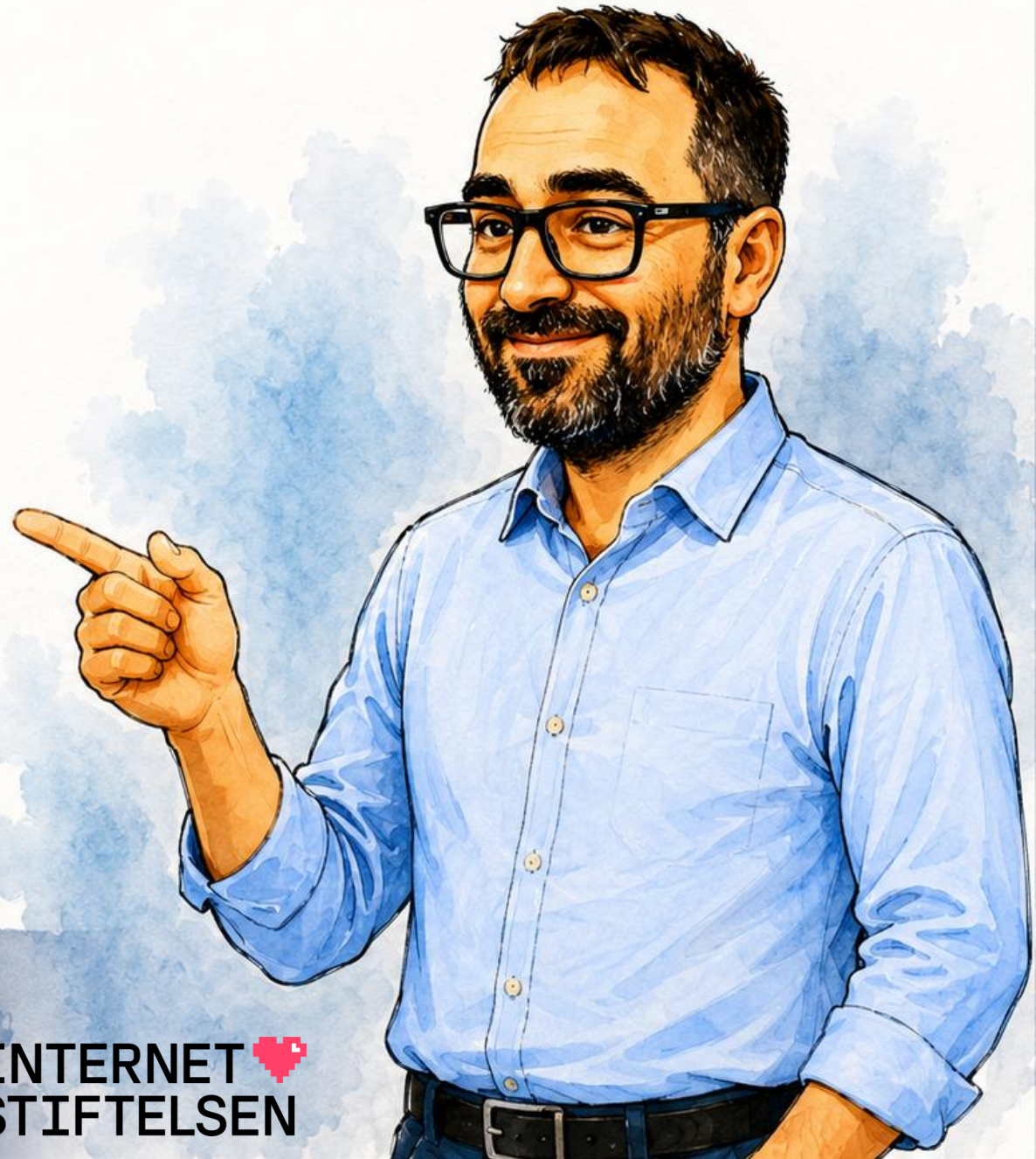
Registry lock has many designs

In .se/.nu registry, registrars can unlock domains in our registrar web admin.
While it requires personal login with 2FA, I still personally see it as a stretch to still call it registry lock.

Others have complicated procedure with paper forms and manual checks.

Many registry lock processes require registry staff which is only available in normal working hours.



Different designs. Different processes.
Same goal: protect domains.

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Registry Lock in the Registrar Marketplace

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It is very difficult for registrars to market registry lock, when its implementation is different for each TLD.

TODAY: FRAGMENTED & COMPLEX

Different processes. Different policies. Different integrations.
Hard to explain, hard to integrate, hard to market.

REGISTRY A Process A	Different Workflows	Different Approvals	Different Policies
REGISTRY B Process B	Different Workflows	Different Approvals	Different Policies
REGISTRY C Process C	Different Workflows	Different Approvals	Different Policies
REGISTRY D Process D	Different Workflows	Different Approvals	Different Policies

Difficult to explain, integrate and market

TOMORROW: UNIFIED & SCALABLE

One design. One set of policies. One integration.
Any number of TLDs.

REGISTRY LOCK
Unified Design & Policies

COMMON WORKFLOW	COMMON POLICIES	COMMON EXPERIENCE
Simple & Automated	Consistent & Secure	Clear & Predictable

REGISTRY A · REGISTRY B · REGISTRY C · REGISTRY D · ... AND MORE

Easy to sell across multiple TLDs

A unified registry lock model empowers registrars to deliver more value to customers—securely and at scale.

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Can we automate and keep it secure.

Yes. That's exactly what the Taskforce is working on.
A unified model that enables secure automation
at scale—without compromising control.

Secure by design
Built-in approval, contact verification,
and policy enforcement.

Automated at scale
Standardized processes and EPP extension
enable efficient, reliable operations.

Trusted and protected
Stronger domain security with the right
controls in place.

Let's build a solution that automates the right things and keeps domains secure.

I'd love to hear your thoughts and explore how we can make this reality—together.

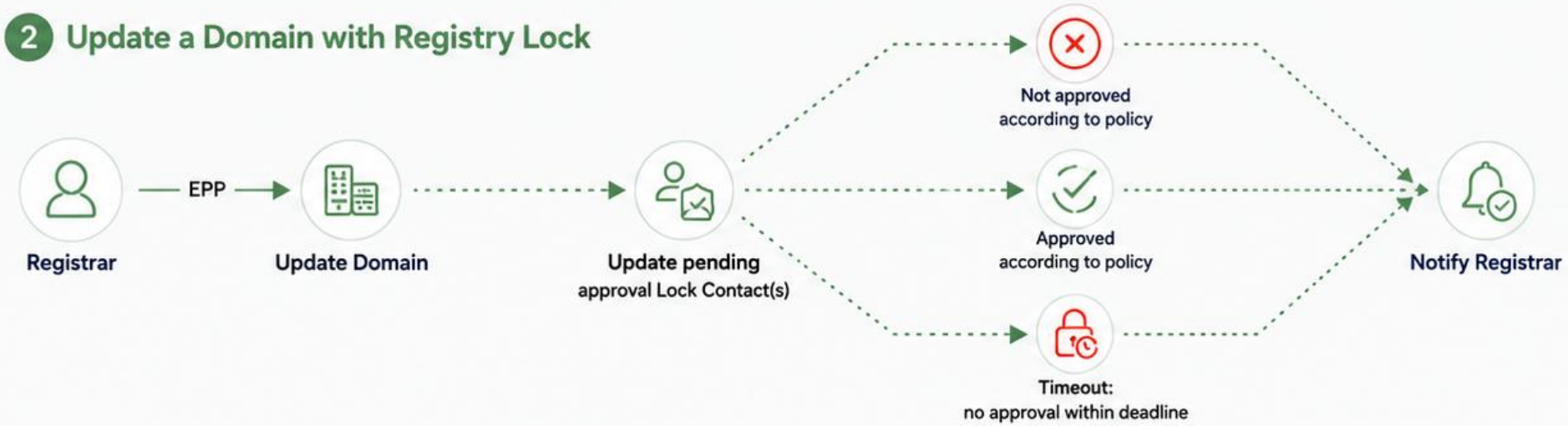
Let's continue the conversation!

Registry Lock Operations

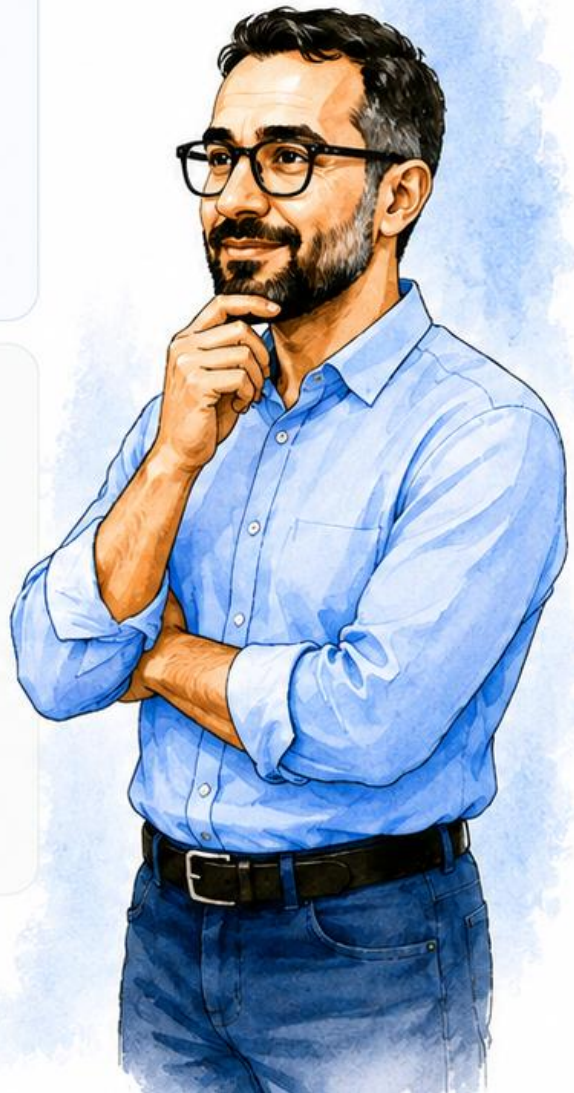
How Registry Lock works for new domains and updates

1 Set a Registry Lock

2 Update a Domain with Registry Lock



Registry Lock adds a secure approval layer to domain operations—protecting domains from unwanted changes.



Registry Lock Operations 2

The new design keeps domains locked—always.
Changes are pending and explicitly approved by lock contacts.

Stronger security.
Smarter approvals.

OLD APPROACH

Unlock → Change → Relock

Locked → Unlocked for update → Make changes (any type) → Even delete → Locked again

Risks:

Domain is temporarily unlocked

All changes are possible

Even deletes are possible

ALWAYS LOCKED MODEL

Locked → Pending Change → Explicit Approval → Change Applied

Locked (always) → Update request received → Lock contacts see exact change details → Explicit approval (or rejection) → Change applied – domain remains locked

- ✓ Domains are never unlocked
- ✓ Lock contacts know exactly what change is requested
- ✓ Only approved changes are applied
- ✓ No risk of unintended changes or deletes

Complete control for the registrant.
The registry–registrar model remains fully intact.

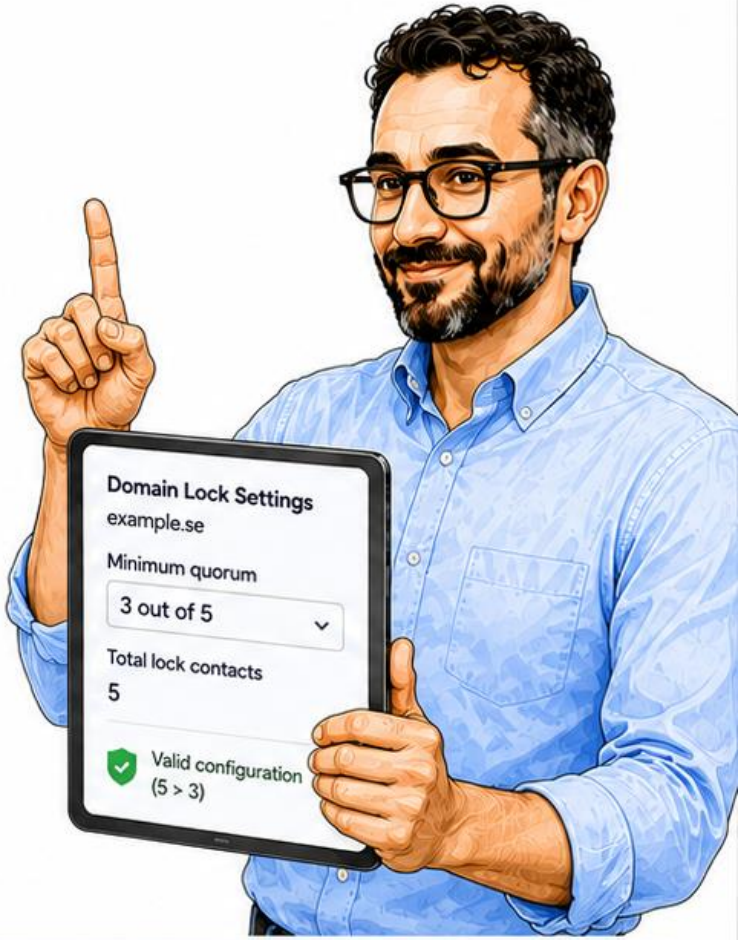
Registry Lock Operations 3

Multiple lock contacts. Configurable quorum.
Flexible approvals that keep domains secure and resilient.

Stronger security.
Smarter approvals.

Multiple Registry Lock Contacts per Domain

At least
2 contacts
per domain



Configurable Minimum Quorum

The registrant sets the minimum number of approvals required for a change to be applied.

Example 1 — At least 1 must approve
(minimum quorum = 1)

1 of 4 must approve

Example 2 — At least 3 out of 5 must approve
(minimum quorum = 3)

3 of 5 must approve

Resilient by Design

There must always be at least one more contact than the minimum quorum.

This ensures the process continues even if one contact is unavailable.

- Quorum 1 → Minimum 2 contacts
  (1 approval needed, 1 spare)
- Quorum 3 → Minimum 4 contacts
  (3 approvals needed, 1 spare)
- Quorum N → Minimum N+1 contacts
  (N approvals needed, 1 spare)

Flexible. Secure. Always available.

You set the quorum. The system ensures continuity.
More than the minimum—so you're always covered.

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Quorum can be changed anytime by an approved change and subject to the current quorum rules.

Registry Lock Operations 4

DNSSEC can be automated with CDS records
using the registry DNS scanner.

Stronger security.
Smarter approvals.

Example: DNSSEC automation with CDS records

1 Domain Locked

example.se

Registry Lock Enabled

Domain remains locked

2 DNS Scanner Detects CDS

The registry DNS scanner observes a CDS record at the domain.

CDS record detected
Key data validated

3 Automatic DNSSEC Update

The registry applies the DS record update automatically.

DS record updated

Domain remains locked

Policy

Allow DNSSEC updates originating from the registry DNS scanner.

- Trusted source
- Limited to CDS records
- Logged and auditable

Secure automation where it makes sense.
The domain remains locked while trusted, policy-driven changes are applied automatically.

Only changes allowed by policy and from trusted sources are applied automatically.
Everything else still requires explicit approval.

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We're putting this new design into action.

.se .nu

We will implement this new design for .se and .nu.

It's already in our 3-year roadmap.
Development starts next year
and we hope to launch it in 2028.

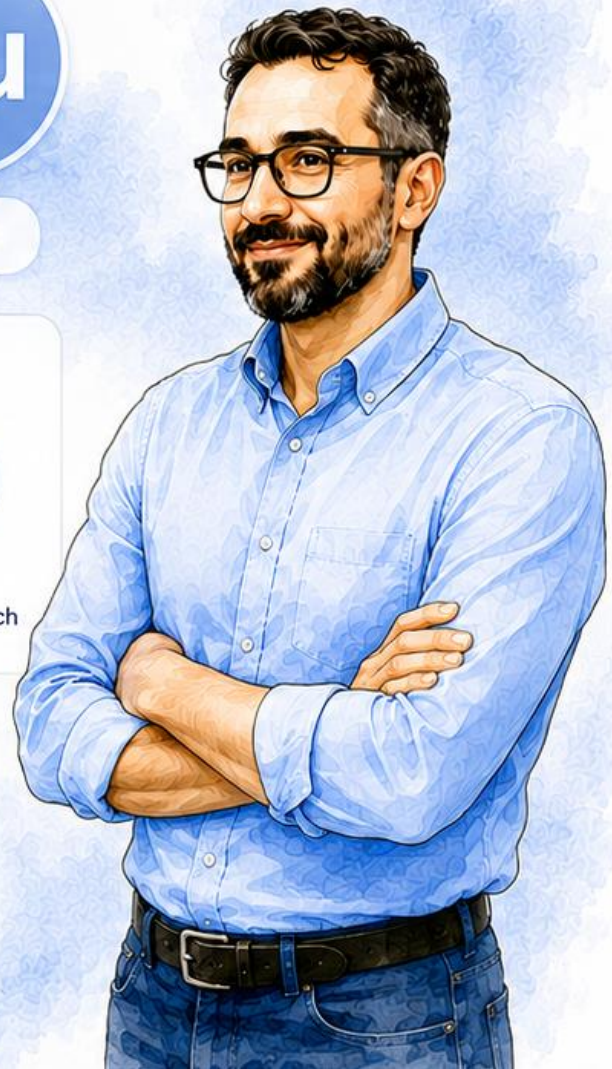
We know several other registries either already decided to implement or is considering it.

.se .nu

Implementation confirmed

Our roadmap

Now	Next year	2028
Design finalized	Development starts	Planned launch



Will you implement it as well?

A unified approach benefits registrars, registrants, and the entire ecosystem.

Let's build the future of domain security—together.

Let’s continue the conversation!

Registry Lock works best when we build it together.
I’d love to hear your thoughts, answer your questions, and explore how we can collaborate.

Share your perspective
Your experience helps shape a solution that works for all.

Ask questions
Happy to dive into any detail.

Explore collaboration
Let’s find the best way to move this forward—together.

Let’s talk after this session!
I’ll be around and happy to continue the discussion.

Thank you!

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