

PRISMA DIDS

DECENTRALIZED IDENTITIES



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WHAT IS?

PRISMA DIDS



PRISMA DIDS

It is a simple and powerful tool that allows you to create **adaptable identities on Web3** through decentralized unique identifiers (DIDs).

It is designed for individuals, organizations, and communities working to create futures that care for life.

Through Cardano's native Web3 technology, it enables the transition to regenerative identities where:

- We return data sovereignty to those who generate it, fostering agency and autonomy
- We decentralize the recognition of the real contributions that sustain life

See the [Prisma DIDs friendly glossary](#) for more details on concepts mentioned in this presentation.

WHY DOES IT MATTER?

TODAY, YOUR DATA DOES NOT BELONG TO YOU

Centralized platforms store them, define what is valuable, and who receives recognition. This silences large community efforts and slows down the fair flow of resources to those who transform the world every day.

We believe that human systems should be designed to nurture and expand life, not to extract value from it.

So when a platform captures your data without permission, monetizes your identity, and defines what is valuable and who gets recognition, life becomes instrumentalized.

That is why Prisma DIDs is here to rebuild autonomy and redistribute value in the network, as it allows us to move from recognizing those with the most resources to rewarding those who generate more relationships and more trust.

Thus, identity returns to where it originated: the community that sustains real life.

START WITH DIDS

The prototype already allows you to create DIDs, issue credentials, and manage access.

It's very simple to get started:

1. CREATE YOUR DID EASILY.

Generate a unique ID on Cardano with your wallet, using global standards (W3C) and native tools.

2. CONFIGURE THE VISIBILITY OF YOUR DATA.

Decide who sees what, with privacy options to keep it secure.

3. VERIFY CONTRIBUTIONS.

It issues digital “credentials” that prove actions, such as donations or volunteering, without revealing extra data thanks to selective privacy.

HOW IT LOOKS LIKE?

PRISMA DIDS (1ST MOCKUPS)



Prisma DIDs

W3C Decentralized Identifiers on Cardano

Network:

Preprod

Mainnet

Connect Wallet



eternl



Typhon Wallet

Get Started

Connect your Cardano wallet to create or manage your DID.

- ✓ Create W3C-compliant DIDs
- ✓ Anchor to your stake address
- ✓ Store DID Documents on IPFS
- ✓ Update and revoke as needed

[Documentation](#) | PREPROD

DIDS MANAGEMENT DASHBOARD (GLOBAL FOR CARDANO USERS) (WEB)

PRISMA DIDS enables organizations to issue, anchor, and manage decentralized identities on Cardano.

Built for organizations: secure key changes, easy credential issuing, and a clear log of every action.

Through the dashboard, organizations can standardize DID operations across teams by using a single workflow for identity creation, credential-related actions, and ongoing maintenance.

Prisma DIDs

W3C Decentralized Identifiers on Cardano

Network:

Preprod

Mainnet



eternl Connected

Disconnect

Status

Create

Create DID

Create a W3C-compliant Decentralized Identifier anchored to your Cardano stake address.

Create DID

[Documentation](#) |

PREPROD

CREATE A DID WITH YOUR WALLET

CREATE YOUR DID EASILY.

Generate a unique ID on Cardano with your wallet, using global standards (W3C) and native tools.

With your wallet connected, select the target network and click Create DID to register a W3C-compliant identifier on Cardano.

This establishes a persistent identifier under your control, with lifecycle operations (updates and revocation) managed through the dashboard.

Prisma DIDs

W3C Decentralized Identifiers on Cardano

Network:

Preprod

Mainnet



eternal

Connected

Disconnect

Status

Update

Revoke

Your DID Status

DID:

did:cardano:stake_test1urjdk149wugv2vyu8e55t7jsheew095xq9u6y29u6rum58c64chag

STATUS:

ACTIVE

VERSION:

1

LAST ACTION:

create

IPFS CID:

QmZUrL5RyviExYpWGb9ePpdN4TNAgF4jWL7aYhQVtTQcK

[View](#)

LAST TX:

85875974c2f4cf32ae4c...

Update DID

Revoke DID

[Refresh Status](#)

[Documentation](#)

PREPROD

VIEW THE STATUS AND DETAILS OF YOUR ID

VERIFY YOUR DID IS ACTIVE

Use the Status tab to confirm your decentralized identifier is correctly registered and operational.

Review the DID string, current state (Active), and version to validate the latest DID document in use.


Use the IPFS CID to open the published DID document, and the transaction reference to verify the on-chain anchor when required for reporting or audit purposes.



Prisma DIDs

W3C Decentralized Identifiers on Cardano

Network: **Preprod** Mainnet

 eternl **Connected**

Disconnect

Status **Update** Revoke

Revoke DID

Permanently revoke a DID. This cannot be undone.

DID to Revoke

did:cardano:stake_test1urjdk149wugv2vyu8e55t7jsheew095xq9u6y29u6rum58c64


Revoke DID

[Documentation](#) | **PREPROD**

Prisma DIDs

W3C Decentralized Identifiers on Cardano

Network: **Preprod** Mainnet

 eternl **Connected**

Disconnect

Status **Update** Revoke

Update DID

Update your DID Document with new information or service endpoints.

DID to Update

did:cardano:stake_test1urjdk149wugv2vyu8e55t7jsheew095xq9u6y29u6rum58c64

Service Endpoint (optional)

https://api.example.com

Update DID

[Documentation](#) | **PREPROD**

REVOKE OR UPDATE DID

REVOKE OR UPDATE DID

REVOKE: Permanently deactivate your DID when no longer needed or if security requires discontinuation. This action is irreversible.

UPDATE: Refresh your DID document with new service endpoints or credential metadata while keeping the identifier active and trusted.

PRISMA

My Credentials

Issue

Manage

Verify

PREPROD

My Credentials

Connected

All 2

Active 1

Revoked 1

Contribution

ACTIVE

Issuer: did:cardano:...r6e5d4f3g2h1

Issued: Dec 1, 2024

Claims: 5 fields

View Details

Share

Contribution

REVOKED

Issuer: did:cardano:...r6e5d4f3g2h1

Issued: Nov 15, 2024

Claims: 3 fields

View Details

VERIFIABLE CONTRIBUTIONS DASHBOARDS (VCS PER HUB)

CREDENTIAL STATUS AND TRACEABILITY

Monitor credential lifecycle status across hubs by reviewing Active and Revoked records in a single interface.

Credential cards provide traceability signals (issuer DID, issuance date, and claims), enabling internal validation and external verification workflows.

Sharing is controlled by the holder and is intended to support audit-ready proof of contribution.

Issue Credential

PRISMA

Holder DID *

did:cardano:stake1...

Credential Type *

ContributionCredential

Credential Claims

Project ID *

☒ Holder can hide this claim (disclosable)

Contribution Type *

Select...

☒ Holder can hide this claim (disclosable)

Hours

☐ Holder can hide this claim (disclosable)

Organization *

☒ Holder can hide this claim (disclosable)

Description

☒ Holder can hide this claim (disclosable)

Evidence URL

☐ Holder can hide this claim (disclosable)

Issue Credential

ISSUE A NEW VC (CREATE PRESENTATIONS OF WHAT DATA IS PUBLIC)

ISSUE A NEW VC

This screen standardizes credential issuance by requiring defined claim fields and explicit disclosure controls per attribute.

Disclosure settings support privacy-preserving presentations by allowing the holder to reveal only the minimum data necessary for a given verification context.

Issuance should follow internal authorization procedures to ensure data accuracy and consistency across hubs and programs

Issued Credentials

2

ACTIVE

1

REVOKED

3

TOTAL

Active (2)

Revoked (1)

Contribution

• ACTIVE

Holder: did:cardano:...r4e3d2f1g0h9

Issued: Dec 1, 2024

Claims: 2 fields

View Details

Revoke

Contribution

• ACTIVE

Holder: did:cardano:...r3e2d1f0g9h8

Issued: Nov 20, 2024

Claims: 2 fields

View Details

Revoke

SUMMARY OF CREATED AND REVOKED VC

TRACK, REVIEW, AND REVOKE CREDENTIALS

This dashboard provides operational oversight of credential issuance and revocation, supporting traceability and internal controls.

Status totals and record-level actions enable consistent lifecycle governance across all issued credentials.

Verify Credential

Paste a credential or presentation to verify its authenticity and check revocation status

Credential / Presentation (SD-JWT or JSON)

Paste the credential here...

Example SD-JWT format:
eyJhbGciOiJIJFZERTQ5J39.eyJpc3M1OjJkaWQ6Y2FyZGFubzpdGFrZTF1L14uIn0.signature~disclosure2

Verify Credential

Clear

Verification Flow (per spec §2.2)

- 1 Parse credential and extract issuer DID
- 2 Resolve issuer DID via global DID Indexer
- 3 Find VCIndexer service in DID Document
- 4 Query VC status from org's VC Indexer
- 5 Verify cryptographic signature

VERIFY A CREDENTIALS / PRESENTATION OF A VC

TECHNICAL & GOVERNANCE VERIFICATION

This tool enables independent verification of credentials prior to acceptance.

Verification includes issuer DID resolution, service endpoint discovery, revocation status query, and signature validation per W3C standards, ensuring cryptographic integrity and governance compliance.



PRISMA DIDS

iTHANK YOU!

