

PoP Docs - Validator guide



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Introduction

To have the permission of a validator within the PoP Docs platform, it is necessary to go through an approval process and make a payment.

A validator is an entity that has the responsibility to verify Personas documents and issue a verdict on the document. Whether it is valid or not.

Features

- Back up your private key and mnemonic phrase
- Environment for receiving documents to validate
- Document validation with document verification
- Reputation for your validator work
- 3 statuses for document identification
- Validator account setup

Concepts

Term	Description
Wallet	It is an application that stores public and private keys and allows cryptocurrency users to store and make transactions with their digital assets.
Address	<p>Is a unique identifier that serves as a virtual location where the assets can be sent or stored.</p> <p>More specifically it is the string of text that designates the location of a particular wallet on the blockchain, that can be used to send, receive and store digital assets from.</p>
Public Key / Private Key	The Public and Private key pair comprise of two uniquely related cryptographic keys (basically long random numbers). The Public Key is what its name suggests - Public. It is made available to everyone via a publicly accessible repository or directory. On the other hand, the Private Key must remain confidential to its respective owner. Because the key pair is mathematically related, whatever is encrypted with a Public Key may only be decrypted by its corresponding Private Key and vice versa.
Seed Phrase / mnemonic Phrase / Wallet Seed	An seed phrase is a collection of words that can be used to access your wallet. When creating your wallet you receive your seed phrase and it is very important to keep it in a safe place for the recovery of your wallet, if necessary.
Smart Contract	It is a self-executing computer code that has the necessary business rules to formalize certain negotiations between two or more parties, without the need for mediating agents.

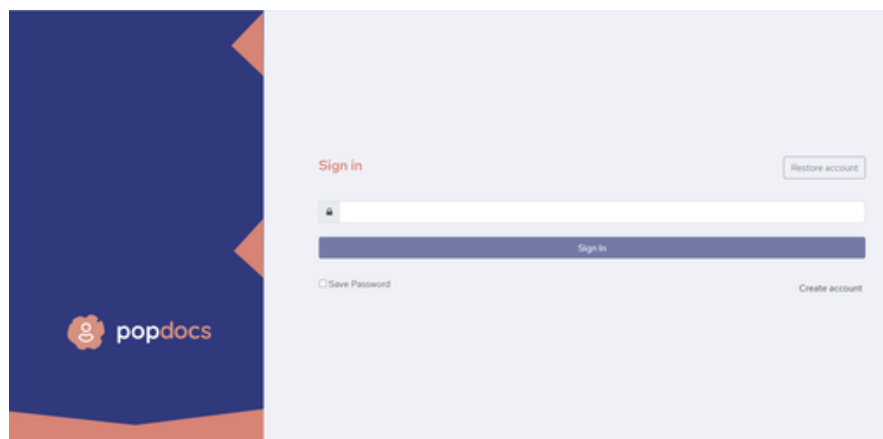
How to be a PoP Docs Validator

To be a validator you must first create an account with PoP Docs and request permission from the PoP Docs administrator.

Make the payment of the amount to use the application.

Create your account

1- Access the PoP Docs home page with this link: <https://docs.popblockchain.org/>
Click the "Create account" button.



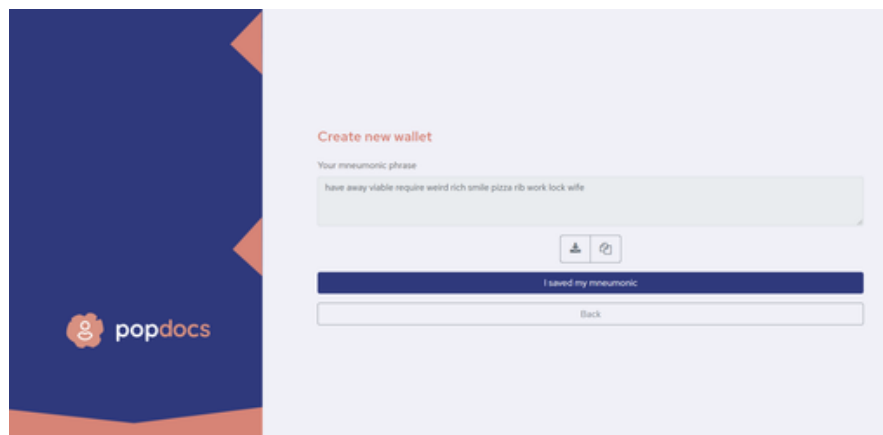
2- PoP Docs creates a wallet for you and displays the mnemonic phrase.



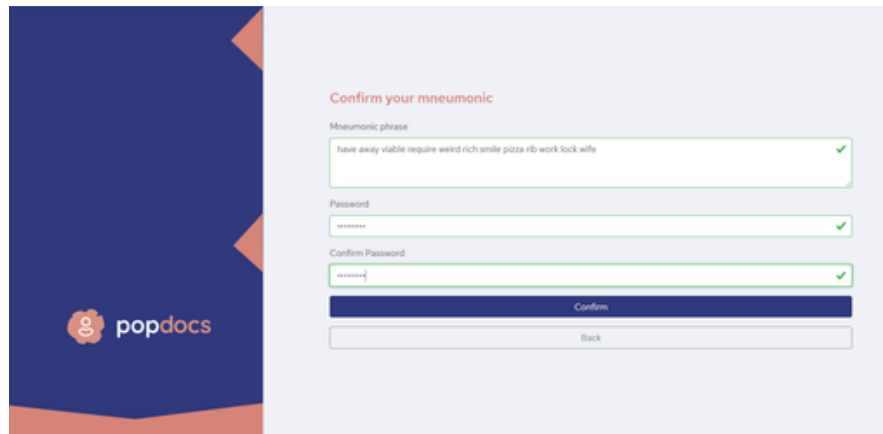
Click the copy button to copy your mnemonic phrase to the next step.

If you want, you can now download your mnemonic phrase to store in a safe place by clicking on the download button.

Click on the "I saved my mnemonic" button to proceed

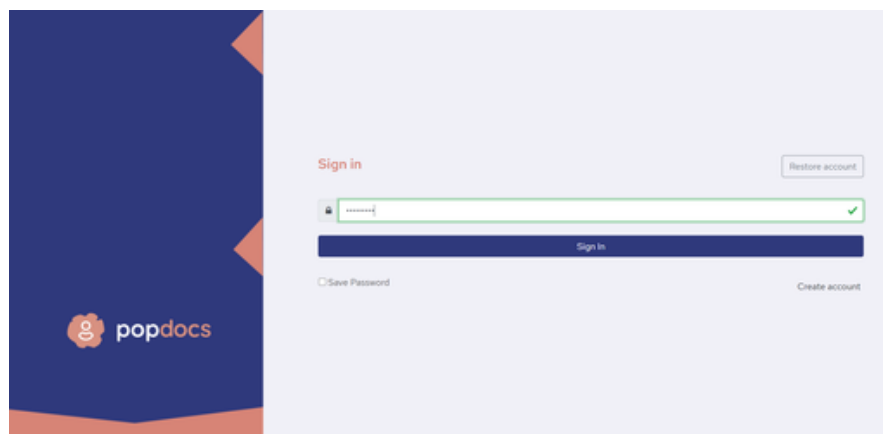


3- Paste the mnemonic phrase in the field with the same name. Create a password and confirm your password. Click the "Confirm" button.



The screenshot shows the 'Confirm your mnemonic' page. On the left is a dark blue sidebar with the 'popdocs' logo. The main content area has a light blue background. The title 'Confirm your mnemonic' is in red. Below it, the 'Mnemonic phrase' field contains the text 'have away viable require weird rich smile pizza rib work lock wife' and has a green checkmark. The 'Password' field contains '*****' and has a green checkmark. The 'Confirm Password' field contains '*****' and has a green checkmark. At the bottom are two buttons: a dark blue 'Confirm' button and a light blue 'Back' button.

4- Great! Your account was created! Now just use your password and click on the "Sign in" button to access PoP Docs



The screenshot shows the 'Sign in' page. On the left is the same dark blue sidebar with the 'popdocs' logo. The main content area has a light blue background. The title 'Sign in' is in red. To the right of the title is a 'Restore account' button. Below the title is a password field with a lock icon, containing '*****' and a green checkmark. Below the password field is a dark blue 'Sign in' button. At the bottom left is a 'Save Password' checkbox, and at the bottom right is a 'Create account' link.

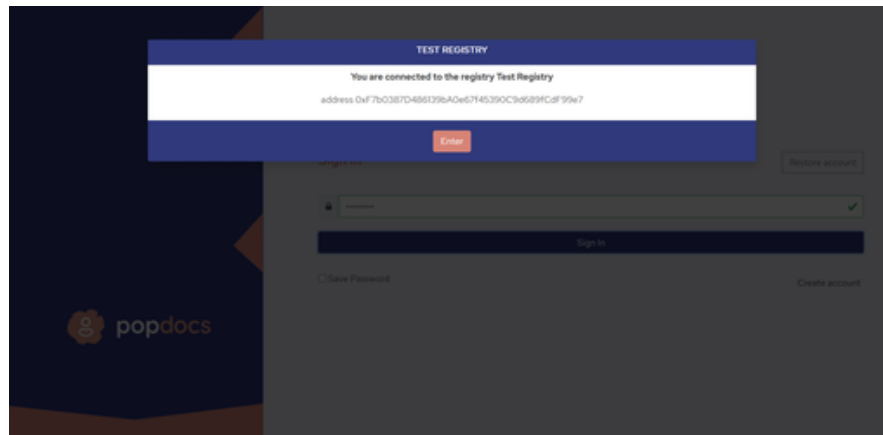
First access

On your first access to PoP Docs we need to create your Smart Contract Validator. This is where all your information will be recorded.

The smart contract Registry is responsible for managing the entire PoP Docs ecosystem.

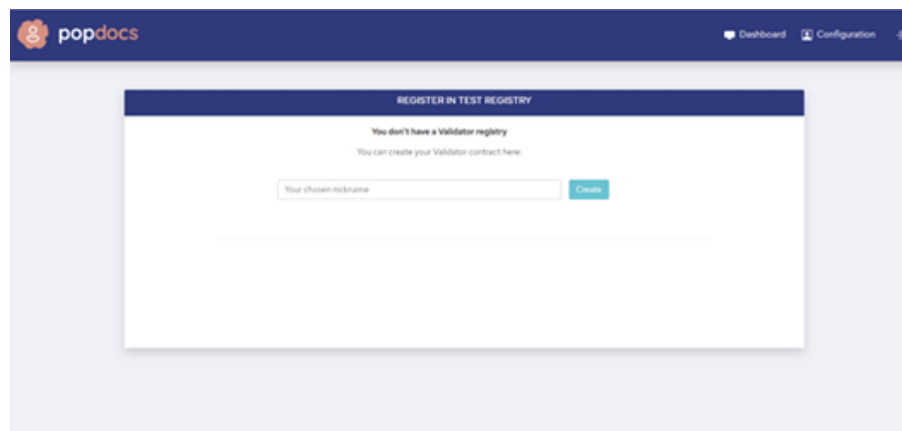
Transparency

1- We display the address of the smart contract that is managing PoP Docs. Click the "Enter" button to continue.

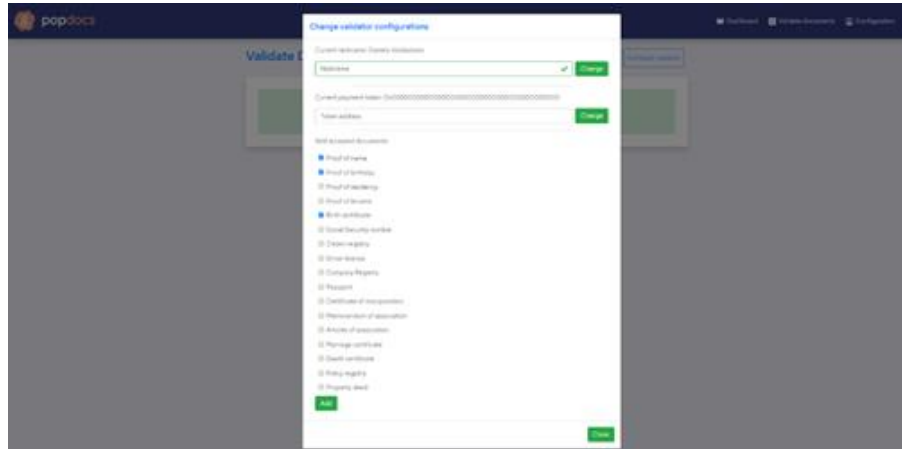


Create Validator smart contract

2- To create the Validator smart contract, fill in the nickname field with a name for your smart contract and click the "Create" button.

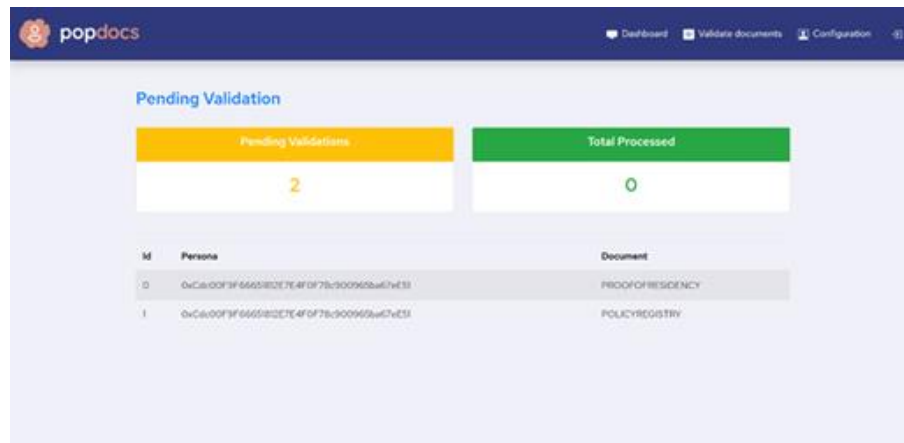


Setting up your validator account



The configuration of your validator account allows you to change your nickname, define a token for your customers to make the payment and what types of documents you will validate. On the Dashboard page, click on “Validate documents” in the top menu. The document validation page will open. Click on the "Configure Validator" button and select the types of documents you are going to work with.

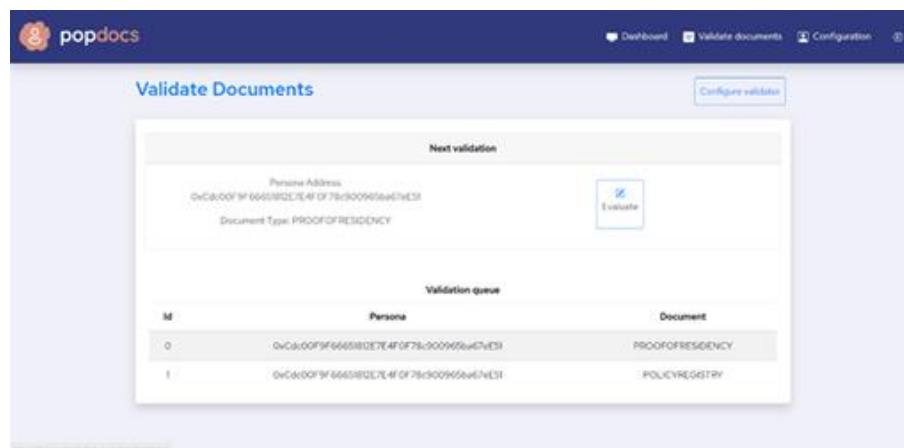
PoP Docs Dashboard Validator



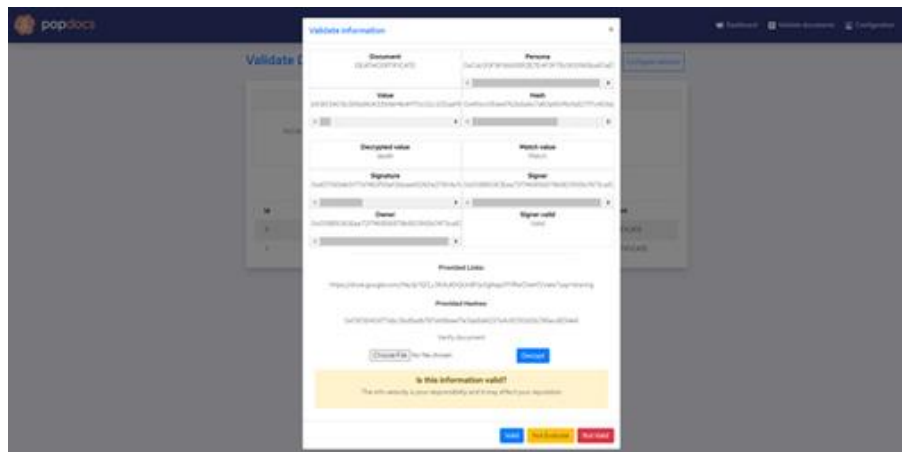
Your dashboard is divided into pending validations, those that you need to validate and appear in the list below and the validations processed, those that you have already validated. Navigation is done by the top menu.

Validating information

1- On the Dashboard page, click on “Validate documents” in the top menu. The document validation page will open. Your validation queue is displayed. The information displayed in “Next Validation” is the first in the queue to be validated.



2- Click on the “Evaluate” button to display more details for your validation. You will have information confirming the value of the information received, the link to the document that Persona made available and the option to decrypt the document to analyze


The screenshot shows a 'Validate information' dialog box with two main columns: 'Document' and 'Persona'. The 'Document' column contains fields for 'Value', 'Decrypted value', and 'Signature'. The 'Persona' column contains fields for 'Name', 'Match value', and 'Signer'. Below these columns are sections for 'Provided Links' and 'Provided Hashes'. At the bottom, there is a yellow warning box asking 'Is this information valid?' and a 'Verify Document' button.

The 3 options for validating the document are:

- Valid - if you can really confirm the information provided by the persona
- Not Rated - if you are unable to identify Persona information and cannot verify whether it is valid or invalid
- Not Valid- the information provided by the persona is not valid.

Each assessment you make for a Persona influences your total Score.

3- Excellent! You have just completed a document validation blockchain transaction. Your information has been saved to your Smart Contract Validator. A Success message with your transaction hash will appear.

The screenshot shows the 'Validate Documents' page in the popdocs interface. A central box displays 'Next validation' with fields for 'Persona Address' and 'Document Type'. A green success message in the top right corner reads: 'Transaction Information submitted successfully completed on block 5208718'. A 'Verify Document' button is visible in the center box.

Profile and Security



This section displays all of your profile information.

- The address of your wallet.
- Your public key.
- The address of your Validator smart contract - where your information is stored.
- Your private key - to view click on the “Show” button. **Never share your private key.**