Hedera Generate Account Tool

Introduction

This process tool plugin allows you to generate an account on the Hedera DLT, and store the account data into a form and/or workflow variables.

> ⚠️ To operate the Hedera plugin pack on the **previewnet** or **testnet**, please create a Hedera Portal Profile.
>
> See https://docs.hedera.com/guides/testnet/testnet-access.

> ⚠️ Do note that for freshly created accounts, it must be funded in order to perform any actions on the Hedera DLT.
>
> If you are using the **previewnet** or **testnet**, do check the **Fund Test Account** plugin property.

Plugin Properties

Configure Hedera Generate Account Tool

Name	Description
Operator ID	Paste in your operator account ID, according to the selected **network type**.
Operator Key	Paste in your operator account private key, according to the selected **network type**.
Network Type	Select the network to create an account on: • Mainnet • Previewnet • Testnet "**Mainnet**" uses real-world currency(s). Please use "**Previewnet**" or "**Testnet**" for testing purposes. By default, this plugin pack connects to official Hedera public nodes. To learn more about the public nodes, see: • https://docs.hedera.com/guides/testnet/testnet-nodes
Fund Test Account	Only available if **Previewnet** or **Testnet** is selected for **Network Type** property. Check this option to automatically fund the test account upon account creation.
Set As Multisig Account	Check this option to generate multi-signature accounts instead of regular single-key accounts.
Form To Retrieve Account Data From	Only available if **Set As Multisig Account** property is checked. Select a form to retrieve form data for the would-be signer's account data for this multi-sig account.
Signer Account Mnemonic Field	Only available if **Set As Multisig Account** property is checked. Fields available here depends on the form selected from **Form To Retrieve Account Data From** property. Select the form field that stores the signer's mnemonic phrase. Depending on the **Signer Account IDs** configured, their respective mnemonic phrase is retrieved automatically to generate this multi-sig account.

Signer Account IDs	Only available if **Set As Multisig Account** property is checked.
	Typically hash variable is used here.
	Expects a string value of multiple Hedera account IDs, delimited by semicolon (;), to represent the would-be signers for this multi-sig account.

Store Account Data To Form

Name	Description
Form	Select a form to store the account data to.
	All fields from the selected form will be made available for field mapping in the section below.
Field Mapping	
Account Mnemonic Phrase	This is the secret key used to access the generated account.
	In the event if account data is lost, this phrase can be used on a qualified wallet to recover the account.
	This value is stored as an encrypted value in the database.
	⊘ **Caution**
	Account Mnemonic Phrase **MUST** be strictly secured at all times, and only viewable to the intended user.
	Anyone who possesses this phrase has full unrestricted control and can do irreparable damage!
Account Owner Field	The field to store the owner of the newly generated account.
Account Owner Value	To set the account owner value to the field selected on **Account Owner Field** property.
	Hash variable is accepted here. Typically points to an actual Joget user, e.g. : Joget username.
Is Test Account Flag	To indicate if this is a real or test account.
Is Multisig Account Flag	To indicate if this is a multi-signature or regular single-key account.
Multisig Account Signers	Only available if **Set As Multisig Account** property is checked.
	The field to store the signer IDs of the newly generated multi-sig account.

Store Data To Workflow Variable

Name	Description
Response Status	To indicate if account is generated successfully or not.
Is Test Account Flag	To indicate if this is a real or test account.