

Encryption & Decryption Utility

Prepared By: Architecture Team
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Encrypt.xaml workflow

This workflow encrypts the particular columns of the input data table and provides the user with the new Data Table with encrypted values. It takes in Data table and Config dictionary as inputs. The names of columns which are required to be encrypted and the key to be used is stored as Asset in Orchestrator and read and set in the Config Dictionary Object in the framework. The user should pass these values to the EncryptData.xaml while invoking. Also the user should pass the input data table to the workflow whose columns are to be encrypted.

Table 1 EncryptData.xaml Arguments and Values

Name	Data Type	Argument Type	Values
io_DataTable	DataTable	In/Out	InputTable
in_Config	Dictionary(String,Object)	In	in_Config

Decrypt.xaml workflow

This workflow decrypts the particular fields of the TransactionItem (QueueItem) based on the column names present in the SecureColumn Object of the Config Dictionary. The workflow takes the TransactionItem and Config dictionary as inputs. The encrypted fields are decrypted and the values of the particular fields are updated in the TransactionItem and passed as output.

Table 2 DecryptData.xaml Arguments and Values

Name	Data Type	Argument Type	Values
io_TransactionItem	QueueItem	In/Out	In_TransactionItem
in_Config	Dictionary(String,Object)	In	in_Config