Manual of LankaFIN XML Validator Ver. 2.2

(Effective from January 16, 2021 onwards for all xml file submissions including old ones)

Downloading LankaFIN XML Validator Ver. 2.2

Visit http://fiusrilanka.gov.lk/downloads.html to download the tool.

XML file generation

1. Use the existing MD5Check6.0 application already provided to generate the xml file from text file or MS Access file.

🔛 Convert Data		×
Browse Data File Open Access DB in New Format	Stock Brokers	
Open Access DB in Old Format		
Open Text File		
Selected File Please Select Data File to Convert CTR Data EFT Incomming Data EFT Outgoing Data		
-D-		
Data Verification View Log File	Convert To FIU Format	

2. **DO NOT** generate the MD5 hash code from MD5Check6.0 application. LankaFIN XML Validator will be used to generate the MD5 hash code.



XML File Validation

1. Use LankaFIN XML Validator Ver. 2.2 for xml file validation before submission and **USE** it for MD5 hash code generation.

<> LankaFIN XML Validator Ver. 2.2	—	
Institution Code 1. Stock Broker 2. File Type O CTR O EFT IN O EFT OUT 3. XML File Date Range 5. Year \checkmark 6. Month \checkmark 7. Ist Half O 2nd Half O Monthly] 4. 8.	Clear Browse Clean File Validate 9.
		^
Window Snip Detailed Validation Output		Save File
MD5 Code Copy MD5 10.		Export Excel

- 2. Steps for xml validation
 - 1) Enter the institution code assigned by FIU eg. 7010, 1010, 2010
 - 2) Mark 'Stockbroker' checkbox if you are using the CTR stockbroker format which has 'Share quantity' and 'Share code'. If a stockbroker is using the format used by banks for CTR submission does not need to select this.
 - 3) Select the file type. i.e. CTR, EFT IN or EFT OUT
 - 4) Browse the file and select the xml file for validation.
 - a. Eg. 7998-2019-September-4-CTR-Sample.xml
 - 5) Select Year
 - 6) Select Month

7) Select half of the month. 1st half (1-15), 2nd half (16-end of month) or monthly (for stockbrokers and insurance)

LankaFIN XML	alidator Ver. 2.2		-	
Institution Code	7998 Stock Broker			
File Type	● CTR ○ EFT IN () EFT OUT		Clear
XML File	and reports\2021\2021.01.07 - LankaFinXmlValida	ator 2.2\sample file\7998-2019-September-4-CTR-Sample	.xml	Browse
Date Range	Year 2019 V Month 09 V	O 1st Half 2nd Half Monthly		Clean File
			%	Validate

- 8) Clean file, which will format special characters which are apostrophe ('), ampersand (&), greater than (>), less than (<), quotation (") and Non-ASCII characters.
 - a. Browse and select the clean file before validating (next step).
 - b. Clean file has '_*Cleaned*' added to the end of the xml file name.

🧇 Save xml Files		×
← → ✓ ↑ 📙 « Lank → LankaFinXmlValid	✓ 🖸 Search La	ankaFinXmlValidator 🔎
Organize 🔻 New folder		III 🕶 💡
2021.01.07 - LankaFinXmlValidator 2.2	^ Name	
len OneDrive	🚽 xsd	
💻 This PC		
💼 3D Objects	~ <	>
File name: 7998-2019-September-4-CTR-Samp	le_Cleaned.xml	~
Save as type: xml files (*.xml)		~
∧ Hide Folders	Sav	ve Cancel .::
File Saved	×	
File Saved as C:\8020\FIU documents\FIU Intern reports\2021\2021.01.07 - LankaFinXmIValidator file\7998-2019-September-4-CTR-Sample_Cleane	al notes and r 2.2\sample ed.xml	
	ОК	

9) Validate

- a. Please note that this does not require splitting the xml.
- b. Make sure you have selected the clean file before validating.

XML File	rts\2021\2021.01.07 - LankaFinXmlValidator 2.2\sample file\7998-2019-September-4-CTR-Sample <mark>_Cleaned</mark> xml
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c. At the end of validation, the MD5 hash code will be generated if passed without any errors.



d. If there are any errors, the tool will list the errors and the institution needs to rectify these errors in their customer information and transaction recording systems and regenerate the xml files for validations. Error list can be exported to MS Excel using 'Export Excel' option.



	Row_ID	Line_No	Error_Type	Error_Message	Error_Line	^
•	1	45	VAL	XML Schema Validation Error: The 'BranchName' element is	<branchname>Rajagiriya Branch, Rajagiriy</branchname>	а
	2	49	VAL	XML Schema Validation Error: The 'Amount' element is invali	<amount>-1636403.76</amount>	
	3	62	BSR	Field 'BusinessType' invalid, contains generic terms.	<businesstype>Business</businesstype>	•
	4	68	VAL	XML Schema Validation Error: There is a duplicate key sequ	<table></table>	
	5	136	BSR	Field 'BusinessType' invalid, contains generic terms.	<businesstype>SERVICES<td>e:</td></businesstype>	e:
	6	155	BSR	Validation Error: Address is inadequate (AddressLine1 + Add	<addressline1>10/2</addressline1> <ad< td=""><td>dı</td></ad<>	dı
	7	158	VAL	XML Schema Validation Error: The 'IDNumber' element is in	<idnumber></idnumber>	
	8	231	VAL	XML Schema Validation Error: The 'IDNumber' element is in	<idnumber>2</idnumber>	
	9	274	VAL	XML Schema Validation Error: The 'CusFirstName' element i	<cusfirstname>STATE PHARMACEUTIC</cusfirstname>	AI
	10	275	VAL	XML Schema Validation Error: The 'CusLastName' element i	<cuslastname>STATE PHARMACEUTIC</cuslastname>	A
						~

Export Excel

10) Copy MD5 hash code generated from LankaFIN XML Validator and paste it when uploading to LankaFIN

Uploading validated xml files to LankaFIN

- Upload the clean file with '_*Cleaned*" in the file name which was validated.
 a. i.e. 7998-2019-September-4-CTR-Sample_Cleaned.xml for above example
- 2. Copy and paste the MD5 hash code generated from the LankaFIN XML validator.

Contact

Provide your queries regarding LankaFin XML Validator to <u>lankafin@cbsl.lk</u> with a copy to <u>gihanw@cbsl.lk</u> with the subject "LankaFin XML Validator".