



# Constituent Exchanges

CF Cryptocurrency Index Family

Version: 5.5

Version Date: 26<sup>th</sup> February 2021

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# 1 Version History

Version	Date	Changes
1	27th August 2019	N/A
1.1	30th August 2019	<p>Clarification of role of the CF Cryptocurrency Index Family Oversight Function.</p> <p>Addition of Gemini to:</p> <ul style="list-style-type: none"> <li>• CF Bitcoin Cash-Dollar Settlement Price</li> <li>• CF Bitcoin Cash-Dollar Spot Rate</li> <li>• CF Litecoin-Dollar Settlement Price</li> <li>• CF Litecoin-Dollar Spot Rate</li> </ul>
2	11th September 2019	Update legal text with BMR registration
3	28 <sup>th</sup> October 2019	<p>Addition of Coinbase to:</p> <ul style="list-style-type: none"> <li>• CF Bitcoin Cash-Dollar Settlement Price</li> <li>• CF Bitcoin Cash-Dollar Spot Rate</li> <li>• CF Litecoin-Dollar Settlement Price</li> <li>• CF Litecoin-Dollar Spot Rate</li> <li>• CF Ripple-Dollar Settlement Price</li> <li>• CF Ripple-Dollar Spot Price</li> <li>• CF Ripple-Bitcoin Settlement Price</li> <li>• CF Ripple-Bitcoin Spot Price</li> </ul>
4	13 <sup>th</sup> May 2020	<p>Addition of:</p> <ul style="list-style-type: none"> <li>• CF EOS-Dollar Settlement Price</li> <li>• CF EOS-Dollar Spot Rate</li> <li>• CF Stellar Lumens-Dollar Settlement Price</li> <li>• CF Stellar Lumens-Dollar Spot Rate</li> <li>• CF Tezos-Dollar Settlement Price</li> <li>• CF Tezos-Dollar Spot Rate</li> </ul> <p>Update ticker symbols</p>
5	25 <sup>th</sup> August 2020	<p>Addition of:</p> <ul style="list-style-type: none"> <li>• CF PAX Gold-Dollar Settlement Price</li> <li>• CF PAX Gold-Dollar Spot Rate</li> <li>• CF Bitcoin-Euro Settlement Price</li> <li>• CF Bitcoin-Euro Spot Rate</li> <li>• CF Ether-Euro Settlement Price</li> <li>• CF Ether-Euro Spot Rate</li> </ul>

Version	Date	Changes
5.1	13 <sup>th</sup> October 2020	Addition of: <ul style="list-style-type: none"> <li>• CF Chainlink-Dollar Settlement Price</li> <li>• CF Chainlink-Dollar Spot Rate</li> </ul>
5.2	19 <sup>th</sup> January 2021	Suspension of Coinbase from: <ul style="list-style-type: none"> <li>• CF Ripple-Dollar Settlement Price</li> <li>• CF Ripple-Dollar Spot Rate</li> <li>• CF Ripple Bitcoin Settlement Price</li> <li>• CF Ripple-Dollar Spot Rate</li> </ul>
5.3	28 <sup>th</sup> January 2021	Addition of: <ul style="list-style-type: none"> <li>• CF OmiseGo – Dollar Settlement Price</li> <li>• CF Orchid – Dollar Settlement Price</li> </ul>
5.5	26 <sup>th</sup> February 2021	Addition of itBit to: <ul style="list-style-type: none"> <li>• CF Litecoin – Dollar Settlement Price</li> <li>• CF Litecoin – Dollar Spot Rate</li> <li>• CF Bitcoin Cash – Dollar Settlement Price</li> <li>• CF Bitcoin Cash – Dollar Spot Rate</li> </ul> Addition of Bitstamp to: <ul style="list-style-type: none"> <li>• CF Stellar Lumens – Dollar Settlement Price</li> <li>• CF Stellar Lumens – Dollar Spot Rate</li> </ul> Addition of Gemini to: <ul style="list-style-type: none"> <li>• CF PAXG – Dollar Settlement Price</li> <li>• CF PAXG – Dollar Spot Rate</li> </ul> Removal of: <ul style="list-style-type: none"> <li>• CF Ripple – Bitcoin Settlement Price</li> <li>• CF Ripple – Bitcoin Spot Rate</li> </ul>

## 2 Constituent Exchanges

Cryptocurrency trading venues<sup>1</sup> are verified by the Administrator against the provisions of the **CF Benchmarks – Input Data Policy** under the oversight of the CF Cryptocurrency Index Family Oversight Function to serve as pricing sources for the calculation of a CF Cryptocurrency Settlement Price or CF Cryptocurrency Spot Rate, collectively known as the CF Cryptocurrency Index Family.

<b>Index Name</b>	CF Litecoin-Dollar Settlement Price			CF Bitcoin Cash-Dollar Settlement Price		
<b>Ticker Symbol</b>	LTCUSD_RR			BCHUSD_RR		
<b>Index Name</b>	CF Litecoin-Dollar Spot Rate			CF Bitcoin Cash-Dollar Spot Rate		
<b>Ticker Symbol</b>	LTCUSD_RTI			BCHUSD_RTI		
<b>Constituent Exchanges</b>	<b>CE Name</b>	<b>Added</b>	<b>Suspended</b>	<b>CE Name</b>	<b>Added</b>	<b>Suspended</b>
	Bitstamp	20-Jun-18		Bitstamp	15-Aug-18	
	Kraken	20-Jun-18		Kraken	15-Aug-18	
	Gemini	30-Aug-19		Gemini	30-Aug-19	
	Coinbase	28-Oct-19		Coinbase	28-Oct-19	
	itBit	26-Feb-21		itBit	26-Feb-21	

<b>Index Name</b>	CF Ripple-Dollar Settlement Price		
<b>Ticker Symbol</b>	XRPUSD_RR		
<b>Index Name</b>	CF Ripple-Dollar Spot Rate		
<b>Ticker Symbol</b>	XRPUSD_RTI		
<b>Constituent Exchanges</b>	<b>CE Name</b>	<b>Added</b>	<b>Suspended</b>
	Bitstamp	1-Oct-17	
	Kraken	1-Oct-17	
	Coinbase	28-Oct-19	19-Jan-21

<sup>1</sup> Constituent Exchanges are published on the Administrator’s website <https://www.cfbenchmarks.com>

<b>Index Name</b>	CF EOS-Dollar Settlement Price			CF Stellar Lumens-Dollar Settlement Price		
<b>Ticker Symbol</b>	EOSUSD_RR			XLMUSD_RR		
<b>Index Name</b>	CF EOS-Dollar Spot Rate			CF Stellar Lumens-Dollar Spot Rate		
<b>Ticker Symbol</b>	EOSUSD_RTI			XLMUSD_RTI		
<b>Constituent Exchanges</b>	<b>CE Name</b>	<b>Added</b>	<b>Suspended</b>	<b>CE Name</b>	<b>Added</b>	<b>Suspended</b>
	Kraken	13-May-20		Kraken	13-May-20	
	Coinbase	13-May-20		Coinbase	13-May-20	
				Bitstamp	26-Feb-21	

<b>Index Name</b>	CF Tezos-Dollar Settlement Price			CF PAX Gold-Dollar Settlement Price		
<b>Ticker Symbol</b>	XTZUSD_RR			PAXGUSD_RR		
<b>Index Name</b>	CF Tezos-Dollar Spot Rate			CF PAX Gold-Dollar Spot Rate		
<b>Ticker Symbol</b>	XTZUSD_RTI			PAXGUSD_RTI		
<b>Constituent Exchanges</b>	<b>CE Name</b>	<b>Added</b>	<b>Suspended</b>	<b>CE Name</b>	<b>Added</b>	<b>Suspended</b>
	Kraken	13-May-20		itBit	25-Aug-20	
	Coinbase	13-May-20		Kraken	25-Aug-20	
				Gemini	26-Feb-21	

<b>Index Name</b>	CF Chainlink-Dollar Settlement Price			CF OMG Network– Dollar Settlement Price		
<b>Ticker Symbol</b>	LINKUSD_RR			OMGUSD_RR		
<b>Index Name</b>	CF Chainlink-Dollar Spot Rate			CF OMG Network – Dollar Spot Rate		
<b>Ticker Symbol</b>	LINKUSD_RTI			OMGUSD_RTI		
<b>Constituent Exchanges</b>	<b>CE Name</b>	<b>Added</b>	<b>Suspended</b>	<b>CE Name</b>	<b>Added</b>	<b>Suspended</b>
	Coinbase	13-Oct-20		Coinbase	28-Jan-21	

	Gemini	13-Oct-20		Kraken	28-Jan-21	
	Kraken	13-Oct-20				

<b>Index Name</b>	CF Bitcoin-Euro Settlement Price			CF Ether-Euro Settlement Price		
<b>Ticker Symbol</b>	XBTEUR_RR			ETHEUR_RR		
<b>Index Name</b>	CF Bitcoin-Euro Spot Rate			CF Ether-Euro Spot Rate		
<b>Ticker Symbol</b>	XBTEUR_RTI			ETHEUR_RTI		
<b>Constituent Exchanges</b>	<b>CE Name</b>	<b>Added</b>	<b>Suspended</b>	<b>CE Name</b>	<b>Added</b>	<b>Suspended</b>
	Bitstamp	25-Aug-20		Bitstamp	25-Aug-20	
	Coinbase	25-Aug-20		Coinbase	25-Aug-20	
	Kraken	25-Aug-20		Kraken	25-Aug-20	

<b>Index Name</b>	CF Orchid – Dollar Settlement Price		
<b>Ticker Symbol</b>	OXTUSD_RR		
<b>Index Name</b>	CF Orchid – Dollar Spot Rate		
<b>Ticker Symbol</b>	OXTUSD_RTI		
<b>Constituent Exchanges</b>	<b>CE Name</b>	<b>Added</b>	<b>Suspended</b>
	Coinbase	28-Jan-21	
	Gemini	28-Jan-21	
	Kraken	28-Jan-21	

<b>Index Name</b>	CF Bitcoin – Dollar US Settlement Price		
<b>Ticker Symbol</b>	XBTUSD_US_RR		
<b>Constituent Exchanges</b>	<b>CE Name</b>	<b>Added</b>	<b>Suspended</b>
	Bitstamp	09-Feb-21	
	Coinbase	09-Feb-21	
	Gemini	09-Feb-21	
	itBit	09-Feb-21	
	Kraken	09-Feb-21	

## 2.1 Disclosure

CF Benchmarks is a member of the Crypto Facilities group of companies which is in turn a member of the Payward, Inc. group of companies. Payward Inc. is the owner and operator of the Kraken Exchange, a venue that facilitates the trading of cryptocurrencies and is a constituent exchange that provides input data to the CF Cryptocurrency Index Family. If any index users have any further questions regarding this disclosure, please contact [info@cfbenchmarks.com](mailto:info@cfbenchmarks.com)

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