

## Approximate Time Delays for response from our API Endpoint

The following mentioned time delays are when you send payload requests with Data which was never sent before

*(From new Device)*

Operation Name	Device Type	Total no. of 'Items' in your Payload	Amount of Data sent with this Payload	Approximate time taken by our Endpoint to return response (in Seconds)
'Create'	New Device	1	1 second Data	10.6
'Create'	New Device	32	30 seconds Data	12.2
'Create'	New Device	60	1 minute Data	13.8
'Create'	New Device	128	2 min, 8 second Data	17.6

The following mentioned time delays are when you send payload requests with Data which was already sent before

*(From already existing Device)*

Operation Name	Device Type	Total no. of 'Items' in your Payload	Amount of Data sent with this Payload	Approximate time taken by our Endpoint to return response (in Seconds)
'Create'	Existing Device	1 (New Entry)	1 second Data	0.4
'Create'	Existing Device	32 (New Entries)	30 seconds Data	3.1
'Create'	Existing Device	60 (New Entries)	1 minute Data	3.6
'Create'	Existing Device	128 (New Entries)	2 min, 8 second Data	7.5
'Create'	Existing Device	128 (Updating Previous Entries)	2 min, 8 second Data	8.5

The following mentioned time delays are when you send payload requests with 'Key' to read specific reading from our API Endpoint

Operation Name	Device Type	Total no. of 'Keys' send in your Request	Amount of Data which you intend to read	Approximate time taken by our Endpoint to return response (in Seconds)
'Read'	New Device	2 ('DeviceId' and 'DateTime')	1 second Data	Not Supported, as Data will not exist unless you send it first
'Read'	Existing Device	2 ('DeviceId' and 'DateTime')	1 second Data	0.9

Kindly note that, if you are sending Data from a new Device, then only first payload 'Item' takes 10 seconds to be written, rest all entries are written in milliseconds of time. For testing purposes, our Endpoint will be supporting Payload Request extent for approximately 10,000 readings i.e. 166 minutes of data maximum.