Test Calculation and Test Sheet

This sheet is for proof for each of the tests, with calculations and Postman screenshots.

Standalone Environment

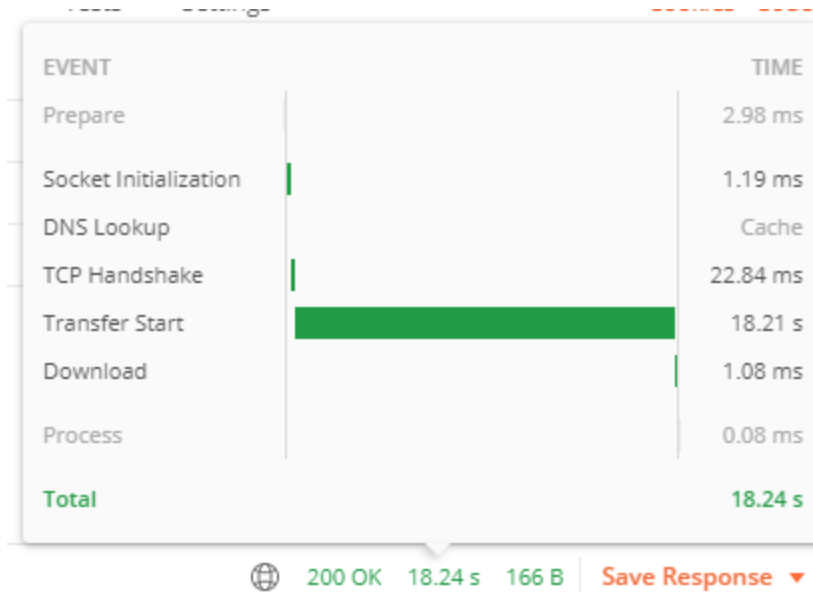| Service	Test Run #1	Test Run #2	Test Run #3	Average
Controller	0.569 seconds	0.639 seconds	0.631 seconds	0.613 seconds
Tokenizer	27.47 seconds	19.01 seconds	18.24 seconds	21.573 seconds
NMT	1.053 seconds	1.046 seconds	1.119 seconds	1.072 seconds
			Total Time for inference :	23.258 seconds

Standalone Environment – Complete Run all 3

Service	Test Run #1	Test Run #2	Test Run #3	Average
All together	21.94 seconds	22 seconds	20.63 seconds	21.523 seconds

EVENT	TIME
Prepare	1.88 ms
Socket Initialization	2.66 ms
DNS Lookup	35.66 ms
TCP Handshake	104.57 ms
SSL Handshake	106.21 ms
Transfer Start	21.68 s
Download	3.18 ms
Process	0.68 ms
Total	**21.94 s**

200 OK   21.93 s   256 B   Save Response ▼

EVENT	TIME
Prepare	1.86 ms
Socket Initialization	1.48 ms
DNS Lookup	59.5 ms
TCP Handshake	104.28 ms
SSL Handshake	105.63 ms
Transfer Start	21.72 s
Download	1.84 ms
Process	0.65 ms
Total	**22.00 s**

200 OK   22.00 s   256 B   Save Response ▼

EVENT	TIME
Prepare	2.98 ms
Socket Initialization	1.19 ms
DNS Lookup	Cache
TCP Handshake	22.84 ms
Transfer Start	18.21 s
Download	1.08 ms
Process	0.08 ms
Total	**18.24 s**

200 OK   18.24 s   166 B   Save Response ▼

Tokenizer tested with a 4 seconds utterance video from Signbank

Cloud Run Pricing comparison

https://cloud.google.com/run/pricing

180000			23.258	seconds per execution	
1vCPU	2GB		second		
0,000129					
7739,273					
We can run 7739 average inferences for free every month					
Price					
0,000024	0,0000025				
1000	1000				
0,024	0,0025		0,0265	USD per 1000 requests	