

Dear,

I've completed performance test on frequently used API for restful-booker.

Test executed for the below mentioned scenario in server 10.0.19045.2364.

300 Concurrent Request with 10ms ramp-up; Avg TPS for Total Samples is ~ 15.00 and Total Concurrent API requested: 900.

600 Concurrent Request with 10ms ramp-up; Avg TPS for Total Samples is ~ 30.00 and Total Concurrent API requested: 1800.

1000 Concurrent Request with 10ms ramp-up; Avg TPS for Total Samples is ~ 50.00 and Total Concurrent API requested: 3000.

1200 Concurrent Request with 10ms ramp-up; Avg TPS for Total Samples is ~ 50.00 and Total Concurrent API requested: 3600.

1300 Concurrent Request with 10ms ramp-up; Avg TPS for Total Samples is ~ 35.00 and Total Concurrent API requested: 3873.

Summary: Server can handle almost concurrent 1250 API call with almost zero (0) error rate.

Please find the details report from the attachment and let me know if you have any further queries.

- 300 Thread User-

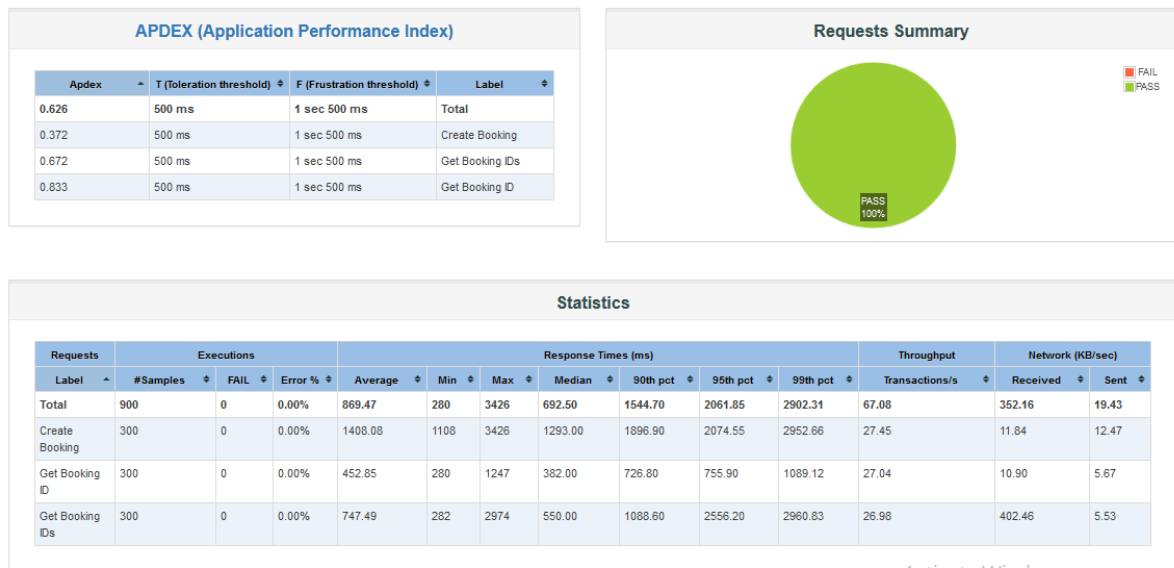


Figure 1: Summary of 300 Thread User

- 600 Thread User-

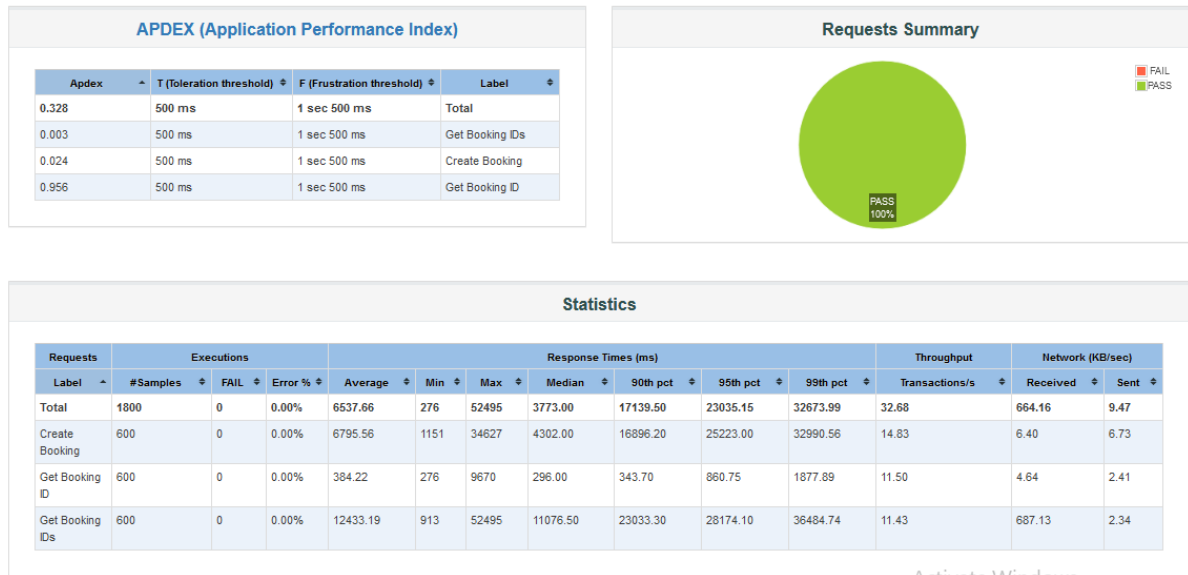


Figure 2: Summary of 600 Thread User

- 1000 Thread User-

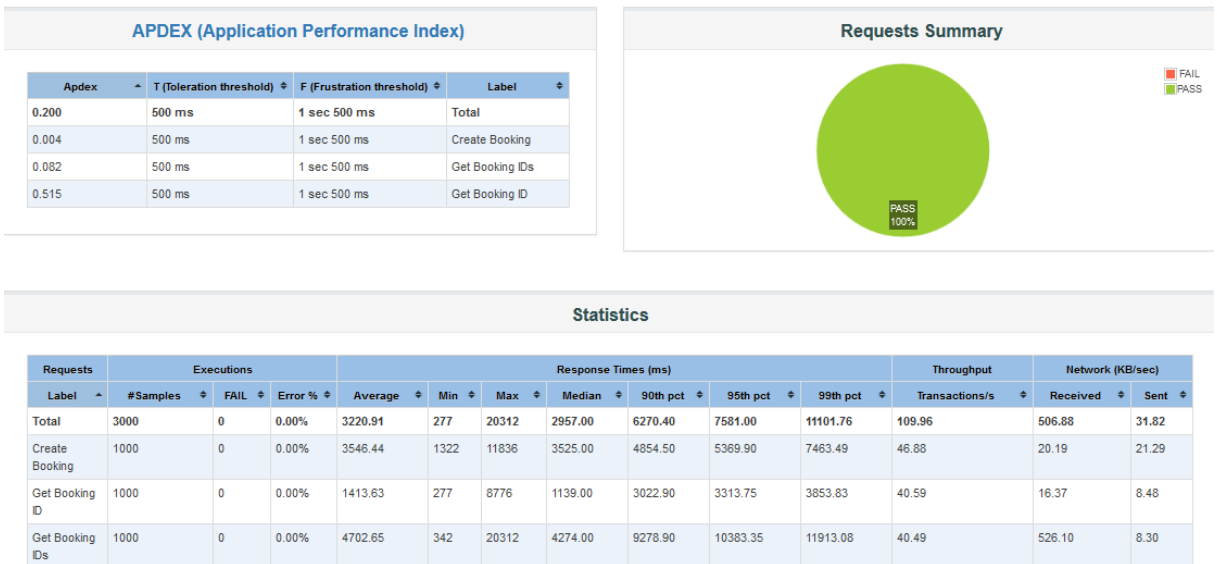


Figure 3: Summary of 1000 Thread User

- 1200 Thread User-

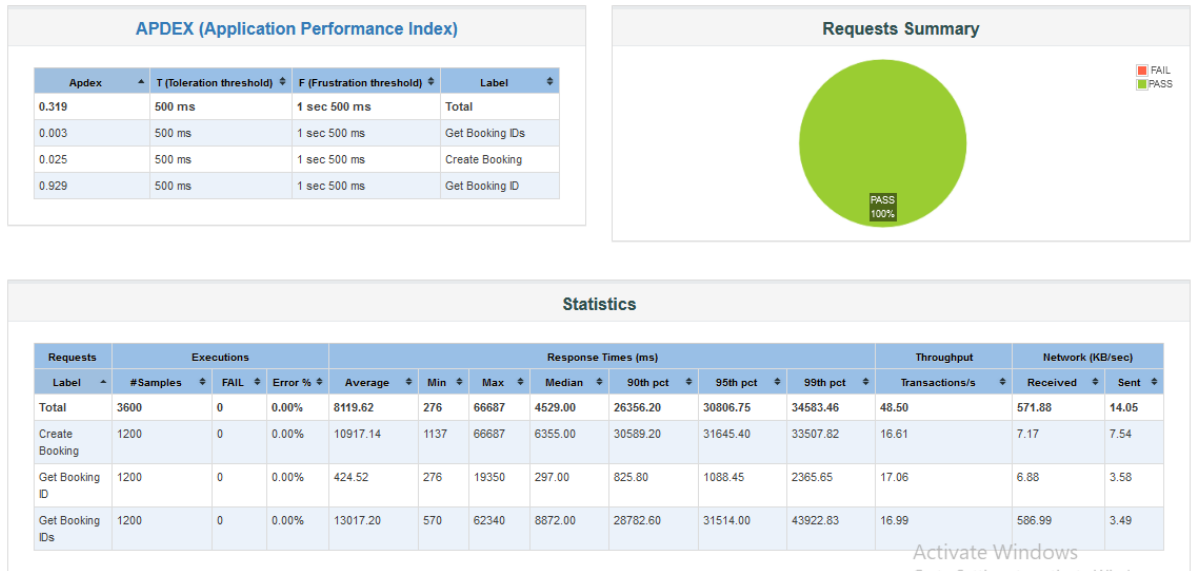


Figure 4: Summary of 1200 Thread User

- 1300 Thread User-



Figure 5: Summary of 1300 Thread User

Errors												
Type of error	Number of errors		% in errors		% in all samples							
Non HTTP response code: org.apache.http.NoHttpResponseException/Non HTTP response message: restful-booker.herokuapp.com:443 failed to respond	3		100.00%		0.08%							

Top 5 Errors by sampler												
Sample	#Samples	#Errors	Error	#Errors	Error	#Errors	Error	#Errors	Error	#Errors	Error	#Errors
Total	3873	3	Non HTTP response code: org.apache.http.NoHttpResponseException/Non HTTP response message: restful-booker.herokuapp.com:443 failed to respond	3								
Create Booking	1299	3	Non HTTP response code: org.apache.http.NoHttpResponseException/Non HTTP response message: restful-booker.herokuapp.com:443 failed to respond	3								

Figure 5: Error of 1300 Thread User