

- ① Injection Rule.
- ② Appdex latq.
- ③ Error codes.
- ④ Key Performance Metrics
- ⑤ Session Delay
- ⑥ Page click.
- ⑦ Key user Action / user Action.
- ⑧ Synthetic Monitoring.
- ⑨ Type of Synthetic Monitoring.
- ⑩ Type of App. vtl.
- ⑪ Private Synthetic Monitoring.

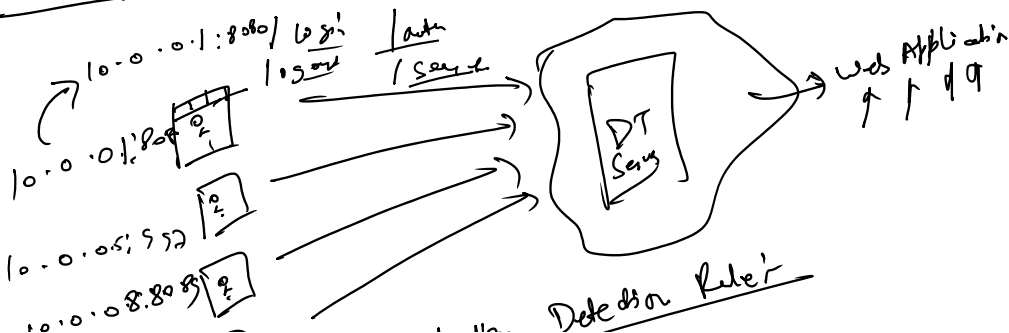
\* Dynatrace all the activity is performed is saved in the service.

login  
logout  
Payment  
Authentication  
→ services

Response Time → P50 → ① Represent the middle value of the dataset.  
② R.T = 300ms, 50% within 300ms  
→ P90 (90th Percentile)  
→ 90% → Response Time is less than or equal to this value.  
10% → worse.

RT = 800ms  
90% user - response faster than 800ms  
10% user - slowest experienced worse.

Throughput: Req. per minute.



10.0.0.5, 777...  
 10.0.0.8.808  
 10.0.0.15.777

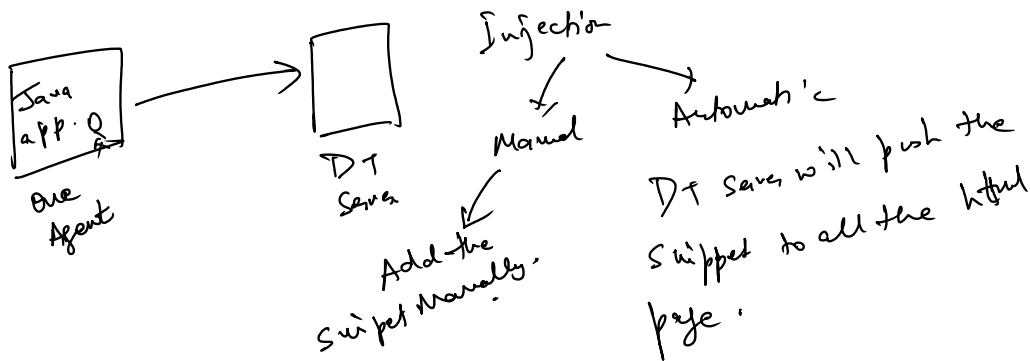
Application Detection Rule  
 ① 10.0.0.1:8080  
 URL contain →  $\left. \begin{matrix} 1108 \\ 16 \\ 1m \end{matrix} \right\}$  →  $\Delta$

## Apdex Rating:-

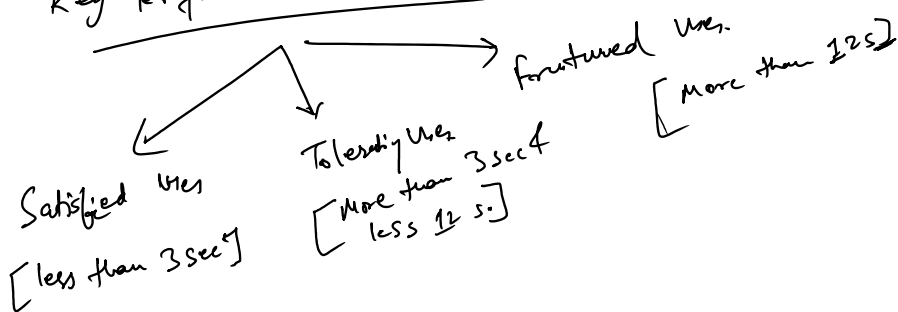
Transaction happens in DT, user will set the threshold in DT. on the basis of the threshold, DT will do the rating based on problem occurred.

0 - 0.5 → Unacceptable  
 0.5 - 0.7 → Poor  
 0.7 - 0.85 → Fair

0.85 - 0.94 → good  
 0.94 - 1.0 → Excellent



## Key Performance Metrics:-



## Synthetic Monitoring:-

- ① Simulate user interaction.
- ② Monitor the APIs

① Availability

② Performance.

③ Functionality

Monitored from certain location from a certain interval (i.e. specific interval).

③ functionality  
podding internet (i.e. specific URL)

- ① Get → fetch the data.
- ② Post → Insert the data in json/text.
- ③ Put → Modify / update the data.
- ④ Delete → Delete the configuration.
- ⑤ Patch → Partially update the resource.

③ Browser Monitoring.

Availability Monitoring - Availability of website / app.

① HTTP - Hit the URL & get data in json whether URL load Req.

② Browser monitoring:- Simulate the user impact.

③ Network monitoring - n/w. Availability  
Ping, ICMP

Two type of App:-

① Internal App - within n/w. Ex: Payroll, timesheet in your Org.

② Public facing App - external facing n/w or App. available in the internet.

\* Dynatrace provide location, you need to configure for public facing App.

\* Internal n/w based app. which is accessible within a n/w is accessed via environment gateway. → Private Synthetic gateway  
↓  
environment Active Gate / Active gateway

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environment Active you 1

\* App, round robin, multiple location for Synthetic Monitoring.

