Kibana Logs

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| Data plane (SAAS and On-prem)   1. Logs based on Data plane 2. Logs based on pod filtering 3. Logs based on infrastructure    1. Kafka    2. Mirrormaker 4. Logs based on tenant\_id 5. API request by service vs count 6. Number of Errors by Tenants | Control plane   1. API request by platform vs count 2. HTTP status code vs count 3. HTTP response time vs count 4. Docker containers / POD – Log 5. Number of errors by infra service layer 6. Number of errors by PODs 7. Trace Id based search (TBD) |
| Ability to export the dashboard - to be used by ops team | |

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|  | **Data Plane** |  |
| 1 | Logs by data engine – displays all logs received from selected data engine. Each bar represents logs received within a time period (1-hour)  Filter – List of all data engines (on-prem,SaaS?)  x-axis : datetime stamps at periodic interval  y-axis : number of logs in that period  When clicked on a bar, logs matching the criteria are listed. |  |
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| 2 | Logs by POD – displays all logs received from a specific POD.  Filters –List of PODs  x-axis : datetime stamps at periodic interval  y-axis : number of logs in that period  When clicked on a bar, logs matching the criteria are listed. |  |
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| 3 | Logs by technology (might be same as POD)  Filters – list of all technologies on Data Engine  x-axis : datetime stamps at periodic interval  y-axis : number of logs in that period  When clicked on a bar, logs matching the criteria are listed. |  |
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| 4 | Logs by Tenant Id (what are the ways user will know Tenant Id)  Filters – List of all tenants  x-axis : datetime stamps at periodic interval  y-axis : number of logs in that period  When clicked on a bar, logs matching the criteria are listed |  |
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| 5 | Data Engine API Requests by service – number of times api was executed  Filters : Service names  x-axis : API names from the service  y-axis : number of requests for the api |  |
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| 6 | Number of Errors by Tenants – displays tenants & their error count sorted by pods with max error count first.  x-axis – Tenants  y-axis – error count |  |

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|  | **Control Plane** |  |
| 1 | API request by platform vs count (WIP)  Does platform refer to PPOD? |  |
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| 2 | HTTP status code v/s count  Filters : HTTP Status Codes  x-axis : timestamp at periodic intervals  y-axis : count of specific status code within that timeframe  When clicked on the bar, displays logs matching the criteria |  |
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| 3 | HTTP response time and counts  Filters: Period (4-hours, 8-hours, 1-day etc.)  Pre-defined buckets in the Pie-Chart :  0 ms, 20 ms, 100 ms, 500 ms, 1000 ms, Long (took more than 1000 ms)  Each pie represents successful requests completed within above buckets.  User can view count and percentage of requests in each pie. When clicked on the pie, drill down to the logs. |  |
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| 4 | Docker containers / POD – Log  Displays log counts by docker containers  Each pie represents a docker container  User can view the count of logs received within the timer period as per the filter criteria. When clicked on the pie, drill down to the logs. |  |
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| 5 | Number of errors by infra service layer   * Cassandra * Postgres * Elasticsearch * Spark worker * Zookeeper * Kafka * Rabbitmq   x-axis – infra services  y-axis – error count |  |
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| 6 | Number of errors by POD – displays PODs & their error count sorted by pods with highest error count first.  x-axis – PODs  y-axis – error count |  |