



Become a Solutions Architect

Three Pillars of Observability



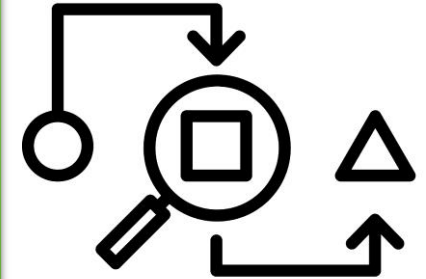
The Three Pillars



Metrics



Logs



Traces

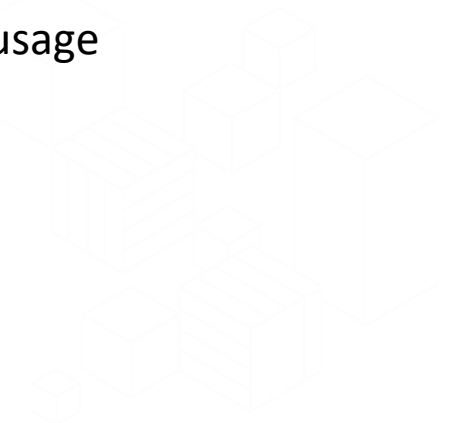
Metrics

Infrastructure Metrics

- CPU Utilization
- Memory Utilization
- Free Disk Space
- Network traffic
- DynamoDB consumed read units
- Database Connections
- SQS Queue Length
- Lambda failed invokes

Application Metrics

- Order Placed
- User Login Success
- User Login Failures
- Order Shipped
- Application feature usage
- Application endpoint usage
- Avg time to ship order

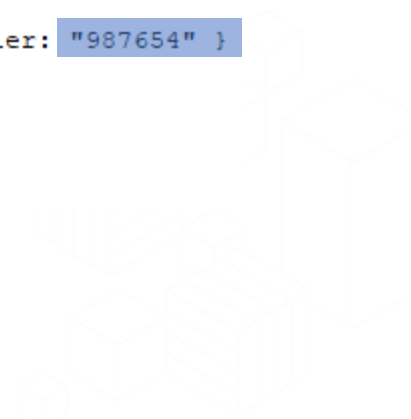


sence/update.php HTTP/1.1 200 189
INFO - - [Mar 31 23:17:22] 127.0.0.1:58255 "GET /buddy_list.php HTTP/1.1" 200 189
INFO - - [Mar 31 23:17:22] 127.0.0.1:58283 "GET /sence/reconnect.php?__user=100001684817240...n=6&fb_dtsg=AQDJ95ij HTTP/1.1" 200 561
INFO - - [Mar 31 23:17:22] 127.0.0.1:58257 "GET /buddy_list.php HTTP/1.1" 200 189
INFO - - [Mar 31 23:17:22] 127.0.0.1:58286 "GET /dPlayer.swf?v=1 HTTP/1.1" 200 21115
INFO - - [Mar 31 23:18:32] 127.0.0.1:58310 "GET /m/ping?partition=176&cb=12s6 HTTP/1.1" 200 90
INFO - - [Mar 31 23:18:32] 127.0.0.1:58313 "GET /unc.php HTTP/1.1" 200 90
INFO - - [Mar 31 23:18:32] 127.0.0.1:58313 "GET /unc.php HTTP/1.1" 200 90

Logs

```
[2022-18-06 09:47] Request received for customer james eastham
[2022-18-06 09:47] Processing request for customer james eastham
[2022-18-06 09:47] Request received for customer james eastham
[2022-18-06 09:47] Processing request for customer james eastham
[2022-18-06 09:49] Storing in database
[2022-18-06 09:50] Stored in database              7a
[2022-18-06 09:50] Request process completed
[2022-18-06 09:49] Storing in database
[2022-18-06 09:50] Stored in database
[2022-18-06 09:50] Request process completed
```

```
{ "message": "Request received for customer james eastham", "timestamp": "2022-18-06 09:47", identifier: "123456" }
{ "message": "Processing request for customer james eastham", "timestamp": "2022-18-06 09:47", identifier: "123456" }
{ "message": "Request received for customer jamila jamilova", "timestamp": "2022-18-06 09:48", identifier: "987654" }
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{ "message": "Stored in database", "timestamp": "2022-18-06 09:48", identifier: "123456" }
{ "message": "Processing request for customer jamila jamilova", "timestamp": "2022-18-06 09:49", identifier: "987654" }
{ "message": "Request processing completed", "timestamp": "2022-18-06 09:49", identifier: "123456" }
{ "message": "Storing in database", "timestamp": "2022-18-06 09:49", identifier: "987654" }
{ "message": "Stored in database", "timestamp": "2022-18-06 09:49", identifier: "987654" }
{ "message": "Request process completed", "timestamp": "2022-18-06 09:50", identifier: "987654" }
```



Traces

