Some important monitoring

**<----------------AWS ELB monitoring------------->**

**Application Load Balancer Metrics (namespace AWS/ApplicationELB) for load balancers.**

1. Latency

2. HTTP\_Redirect\_Count

3. HTTPCode\_ELB\_3XX\_Count

4. HTTPCode\_ELB\_4XX\_Count

5. HTTPCode\_ELB\_5XX\_Count

6. NewConnectionCount

7. RejectedConnectionCount

8. RequestCount

**Application Load Balancer Metrics (namespace AWS/ApplicationELB) for targets.**

1. UnhealthyHost

2. healthyHost

3. HTTPCode\_Target\_2XX\_Count

4. HTTPCode\_Target\_3XX\_Count

5. HTTPCode\_Target\_4XX\_Count

6. HTTPCode\_Target\_5XX\_Count

7. RequestCountPerTarget

8. TargetConnectionErrorCount

9. TargetResponseTime

**Application Load Balancer Metrics (namespace AWS/ApplicationELB) for Lambda functions that are registered as targets.**

1. LambdaInternalError

2. LambdaUserError

**Application Load Balancer Metrics (namespace AWS/ApplicationELB) for user authentication.**

1. ELBAuthError

2. ELBAuthFailure

3. ELBAuthLatency

4. ELBAuthSuccess

<------------- EC2 Metric----------->

1. Disk I/O metrics

2. Network metrics

3. CPU metrics

4. Status check

------------------------------------------------------------------------------------------------------------------------------------------**What we have an existing and we need to check all others also (same dimensions) are covered**

Existing Metrics :=>

**Metric Name**

1. UnHealthyHostCount ------------> UnHealthyHostCount

2. 5XXError ------------> covered 2 API Gateway

3. ConsumedReadCapacityUnits ------------> on DynamoDB

4. ConsumedWriteCapacityUnits ------------> on DynamoDB

5. CPUReservation ------------> on ECS

6. CPUUtilization ------------> on EC2 and RDS

7. DatabaseConnections ------------> on RDS

8. FreeStorageSpace ------------> on RDS

9. GroupInServiceInstances ------------> on AutoScaling

10. HealthyHostCount ------------> on ELB

11. HTTPCode\_Target\_XXX\_Count ------------> on AWS/ApplicationELB

12. Latency ------------> on 2 AWS/ApiGateway

13. MemoryReservation ------------> on ECS

14. ProviewDevWatchConverterServiceException --------> on Proview\_LogMetrics

15. ProvisionedReadCapacityUnits --------> on AWS/DynamoDB

16. ProvisionedWriteCapacityUnits --------> on AWS/DynamoDB

17. ReadLatency --------> on RDS

18. StatusCheckFailed ------------> on EC2

19. SurgeQueueLength ------------> on AWS/ELB

20. TargetResponseTime ------------> on AWS/ApplicationELB