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| --- | --- | --- |
| Namespace | Metric | Dimensions |
| **Autoscaling** | * GroupMinSize * GroupMaxSize * GroupDesiredCapacity * GroupInServiceInstances * GroupPendingInstances * GroupStandbyInstances * GroupTerminatingInstances * GroupTotalInstances | * AutoScalingGroupName |
| **Amazon CloudFront**  **(Average or Sum, is applicable for each metric)** | * Requests * BytesDownloaded * BytesUploaded * TotalErrorRate * 4xxErrorRate & 5xxErrorRate | * DistributionId * Region |
| **DynamoDB**  **(only sends metrics when the values are non-zero)** | * ConditionalCheckFailedRequests * ConsumedReadCapacityUnits * ConsumedWriteCapacityUnits * OnlineIndexConsumedWriteCapacity * OnlineIndexPercentageProgress * OnlineIndexThrottleEvents * ProvisionedReadCapacityUnits * ProvisionedWriteCapacityUnits * ReadThrottleEvents * ReturnedBytes * ReturnedItemCount * ReturnedRecordsCount * SuccessfulRequestLatency * SystemErrors * **ThrottledRequests** * UserErrors * WriteThrottleEvents | * GlobalSecondaryIndexName * Operation * StreamLabel * TableName |
| **EC2** | T2   * CPUCreditUsage * CPUCreditBalance   **Instance**   * CPUUtilization * DiskReadOps * DiskWriteOps * DiskReadBytes * DiskWriteBytes * NetworkIn/Out * NetworkPacketsIn/Out   **Status**   * StatusCheckFailed * StatusCheckFailed\_Instance * StatusCheckFailed\_System | * AutoScalingGroupName * ImageId * InstanceId * InstanceType |
| **ELB – Classic** | * BackendConnectionErrors * HealthyHostCount * HTTPCode\_Backend\_2XX,3XX,4XX,5XX * HTTPCode\_ELB\_4XX,5XX * Latency * RequestCount * SpilloverCount * SurgeQueueLength – Max 1024 * UnHealthyHostCount | * AvailabilityZone * LoadBalancerName |
| **OpsWorks** | Detailed Monitoring is enabled by default for every active stack every minute   * Cpu – idle,nice,system,user,waitio in % * Load – 1,5,15 min intervals in load units * Memory – buffers,cache, free,swap,total,used in Kb * Procs – count | * StackId * LayerId * InstanceId |

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| **SNS** | * NumberOfMessagesPublished * PublishSize * NumberOfNotificationsDelivered * NumberOfNotificationsFailed * SMSSuccessRate | * Application * Application,platform * Country – for SMS * Platform * TopicName * SMSType – Promotional or transcational |
| **SQS** | * ApproximateAgeOfOldestMessage * ApproximateNumberOfMessagesDelayed * ApproximateNumberOfMessagesNotVisible * ApproximateNumberOfMessagesVisible * NumberOfEmptyReceives * NumberOfMessagesDeleted * NumberOfMessagesReceived * NumberOfMessagesSent * SentMessageSize | * QueueName |

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| **S3** | **Daily**   * BucketSizeBytes * NumberOfObjects   **Request Metrics**   * AllRequests * GetRequests * PutRequests * DeleteRequests * HeadRequests * PostRequests * ListRequests * BytesDownloaded * BytesUploaded * 4xxErrors,5xxErrors * FirstByteLatency * TotalRequestLatency | * BucketName * StorageType – StdStorage * StdIA,RRS and ALL(does not include GLACIER) * FilterId |
| **EBS** | * VolumeReadBytes, VolumeWriteBytes * VolumeReadOps, VolumeWriteOps * VolumeTotalReadTime, VolumeTotalWriteTime * VolumeIdleTime * VolumeQueueLength * VolumeThroughputPercentage * VolumeConsumedReadWriteOps * BurstBalance | * VolumeID |

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| --- | --- | --- |
| **EFS** | * BurstCreditBalance * ClientConnections * DataReadIOBytes * DataWriteIOBytes * MetadataIOBytes * PercentIOLimit * PermittedThroughput * TotalIOBytes | * FileSystemId |
| **RDS** | * BinLogDiskUsage * CPUUtilization * CPUCreditUsage * CPUCreditBalance * DatabaseConnections * DiskQueueDepth * FreeableMemory * FreeStorageSpace * ReplicaLag * SwapUsage * ReadIOPS, WriteIOPS * ReadLatency, WriteLatency * ReadThroughput, WriteThroughput * NetworkReceiveThroughput, NetworkTransmitThroughput | * DBInstanceIdentifier * DBClusterIdentifier * DBClusterIdentifier,Role – for Aurora DB cluster aggregating metric by instance role (WRITER/READER) * DatabaseClass * EngineName |