

EC2 Monitoring



AWS EBS: get volumes data	Network: packets out, rate	Credit CPU: balance	Disk: read, rate	AWS EC2 alarms: state	AWS EBS: burst balance	AWS EBS:
AWS Cloudwatch: get instance alarms data	Network: packets in, rate	EBS: read, rate	Disk: read bytes,rate	AWS EC2 alarms: state reason	AWS EBS:consumed read/write, ops	AWS EBS:write time, total
Get alarms check	Network: bytes out, rate	EBS: read bytes, rate	CPU: utilization	AWS EBS:attachment state	AWS EBS: idle time	AWS EBS: write, bytes
EBS: write, rate	Network: bytes in, rate	EBS: IO balance	Credit CPU: surplus charged	AWS EBS:attachment time	AWS EBS: queue length	AWS EBS:write, ops
Status: check failed, system	Get metrics check	EBS: byte balance	Credit CPU: surplus balance	AWS EBS: create time	AWS EBS: read, bytes	AWS EBS: get metrics
Status: check failed, instance	Metadata: no token	Disk: write ops, rate	Credit CPU: usage	AWS EBS: device	AWS EBS: read, ops	
Status: check failed	EBS: write bytes, rate	Disk: write bytes, rate	Get volumes info check	AWS EBS: status	AWS EBS: throughput, pct	

RDS Instance



Get metrics data	Disk: read latency, local storage	Storage: max allocated	Disk: write latency, local storage	Class
Get instance info	Read replica: state	Network: receive throughput	Disk: write throughput	Credit CPU: balance
Get instance events data	Read replica: status	Network: transmit throughput	Disk: read IOPS, local storage	Credit CPU: usage
AWS Cloudwatch: get instance alarms data	Disk: read throughput	Storage type	Network: receive throughput	CPU: utilization
Get alarms check	Disk: read throughput, local storage	Swap usage	Network: transmit throughput	Create time
Replication: lag	Status	Disk: write IOPS	EBS: IO balance	Connections
Disk: read latency	Disk: read IOPS	Disk: write IOPS, local storage	Burst balance	Disk: queue depth

EBS: byte balance	Storage: space free	Replication: lag, max	Transactions: blocked, rate	Operations: delete latency	Operations: insert throughput	Row lock time
Engine	Get instance info check	Replication: lag, min	Buffer cache hit ratio	Operations: delete throughput	Login failures, rate	Operations: select latency
Network: throughput	Get metrics check	Replication: lag	Operations: commit latency	DML: latency	Binary log files, number	Operations: select throughput
Engine version	Disk: binlog usage	Replication: binlog lag	Operations: commit throughput	DML: throughput	Queries, rate	Network: throughput
Get events check	Disk: write throughput, local storage	Transactions: active, rate	DDL: latency	Engine uptime	Resultset cache hit ratio	Binary log files, size
SQL server: failed agent jobs	AWS RDS alarms: state	Backtrack: window, actual	DDL: throughput	AWS RDS events: date	Rollback segment history list length	Operations: update latency
Memory, freeable	AWS RDS alarms: state reason	Backtrack: window, alert	Deadlocks, rate	AWS RDS events: message	Operations: insert throughput	Operations: update throughput

S3 Bucket

Get metrics data	Replication: latency	Requests: head	Requests: bytes downloaded
Get alarms data	Requests: put	Requests: errors, 5xx	Bucket size
Requests: errors, 4xx	Requests: post	First byte latency, p90	Requests: all
Requests: list	Replication: operations pending	First byte latency, avg	Get alarms check
Total request latency, avg	Number of objects	Requests: delete	Total request latency, p90
Requests: select	Get metrics check	Requests: bytes uploaded	AWS S3 alarms: state
Requests: select, bytes scanned	Requests: get	Replication: bytes pending	AWS S3 alarms: state reason

Cloud watch over Docker Wrapper

Elastic cache CPU utilization	RDS freestoragespace
Elasticache cachehitrate	RDS freeablememory
Elasticache currconnections	RDS swapusage
Elasticache swapusage	RDS list metrics
EC2 cpuutilization	
RDS cpuutilization	
RDS databaseconnections	