Limits

What is the maximum number of ElastiCache nodes in a single region?   1

- 10
- 50 (x)
- 100
- 250

From the ElastiCache FAQ ():

"Q: How many Cache Nodes can I run in Amazon ElastiCache?
You can run a maximum of 50 Cache Nodes per region. If you need more Cache Nodes, please fill in the ElastiCache Limit Increase Request form."

What is the maximum of IAM groups per account?   2

- 25
- 50
- 100 (x)
- 500

See http://docs.aws.amazon.com/IAM/latest/UserGuide/reference_iam-limits.html

What is the maximum of IAM users per account?   3

- 250
- 500
- 1000
- 5000 (x)

See http://docs.aws.amazon.com/IAM/latest/UserGuide/reference_iam-limits.html

What is the maximum of IAM roles per account?   4

- 250 (x)
- 500
- 1000
- 5000

See http://docs.aws.amazon.com/IAM/latest/UserGuide/reference_iam-limits.html

What is the maximum number of groups that an IAM user can be a member of?   5

- 5 (x)
- 10
- 25
- 100

See http://docs.aws.amazon.com/IAM/latest/UserGuide/reference_iam-limits.html

What is the maximum number of access keys that can be assigned to an IAM user?   6

- 1
- 2 (x)
- 5
- 10

See http://docs.aws.amazon.com/IAM/latest/UserGuide/reference_iam-limits.html

What is the maximum number of server certificates per account?   7

- 5
- 10
- 20 (x)
- 50

See http://docs.aws.amazon.com/IAM/latest/UserGuide/reference_iam-limits.html

What is the maximum number of VPCs per region?   8

- 5 (x)
- 50
- 500
- 5000

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_vpc

What is the maximum number subnets per VPC? 9

- 50
- 100
- 200 (x)
- 400

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_vpc

What is the maximum number of VPC internet gateways per account per region? 10

- 2
- 5 (x)
- 10
- 25

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_vpc

What is the maximum number of VPC virtual private gateways per account per region? 11

- 2
- 5 (x)
- 10
- 25

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_vpc

What is the maximum number of VPC customer gateways per account per region? 12

- 20
- 50 (x)
- 100
- 250

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_vpc

What is the maximum number of VPC VPN connections per account per region?   13

- 20
- 50 (x)
- 100
- 250

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_vpc

What is the maximum number of VPN connections per VPC?   14

- 10 (x)
- 25
- 50
- 100

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_vpc

What is the maximum number of route tables per VPC?   15

- 25
- 50
- 100
- 200 (x)

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_vpc

What is the maximum number of entries per route table?   16

- 2
- 5 (x)
- 10
- 20

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_vpc

What is the maximum number of EIPs per account per region? 17

- 2
- 5 (x)
- 10
- 20

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_vpc

What is the maximum number of security groups per VPC? 18

- 10
- 25
- 50
- 100 (x)

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_vpc

What is the maximum number of rules per security group? 19

- 10
- 25
- 50 (x)
- 100

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_vpc

What is the maximum number of network interfaces per VPC? 20

- 10
- 25
- 50
- 100 (x)

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_vpc

What is the maximum number of network ACLs per VPC?   21

- 50
- 100
- 200 (x)
- 400

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_vpc

What is the maximum number of rules per network ACL?   22

- 10
- 20 (x)
- 50
- 100

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_vpc

What is the maximum number of active peering connections per VPC?   23

- 10
- 20
- 50 (x)
- 100

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_vpc

What is the maximum limit for the visibility of an SQS message?   24

- 1 hour
- 6 hours
- 12 hours (x)
- 24 hours

From the SQS FAQ (https://aws.amazon.com/sqs/faqs/):

"Q: What is the maximum limit for message visibility?

Amazon SQS supports up to 12 hours maximum visibility timeout."

What is the maximum number of SQS queues per account? 25

- 100
- 1000
- 10000
- Unlimited (x)

From the SQS FAQ (https://aws.amazon.com/sqs/faqs/):

"Q: How big can Amazon SQS queues be?

A single queue may contain an unlimited number of messages, and you can create an unlimited number of queues."

What is the maximum number of messages in an SQS queue? 26

- 100
- 1000
- 10000
- Unlimited (x)

From the SQS FAQ (https://aws.amazon.com/sqs/faqs/):

"Q: How big can Amazon SQS queues be?

A single queue may contain an unlimited number of messages, and you can create an unlimited number of queues."

What is the maximum number of RDS instances per region? 27

- 5
- 25
- 40 (x)
- 50

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_rds

What is the maximum number of RDS reserved instances per region?   28

- 5
- 25
- 40 (x)
- 50

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_rds

What is the maximum total RDS storage per region?   29

- 5 TB
- 25 TB
- 100 TB (x)
- 250 TB

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_rds

What is the maximum number of manual RDS snapshots per region?   30

- 5
- 25
- 50 (x)
- 100

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_rds

What is the maximum number of RDS read replicas per master database?   31

- 1
- 5 (x)
- 10
- 15

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_rds

What is the maximum number of DynamoDB tables per region?   32

- 128
- 256 (x)
- 512
- 1024

See http://docs.aws.amazon.com/amazondynamodb/latest/developerguide/Limits.html

What is the maximum number of accounts that can be linked to a payer account using Consolidated 33
Billing?

- 5
- 10
- 20 (x)
- 100

From the Billing and Cost Management documentation
(http://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/billing-limits.html).

What is the maximum number of Route 53 hosted zones per region?   34

- 25
- 100
- 500 (x)
- 1000

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_route53

What is the maximum number of Route 53 domains per region?

- 25
- 50 (x)
- 100
- 500

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_route53

What is the maximum number of resource record sets per Route 53 hosted zone? 36

- 10
- 100
- 1000
- 10000 (x)

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_route53

What is the maximum number of Route 53 health checks per region? 37

- 10
- 25
- 50 (x)
- 100

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_route53

What is the maximum number of CloudFormation stacks per region per account? 38

- 10
- 20 (x)
- 50
- 100

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_cloudformation

What is the maximum number of EBS volumes per region per account? 39

- 500
- 5000 (x)
- 10000
- 25000

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_ebs

What is the maximum number of EBS snapshots per region per account?   40

- 500
- 5000
- 10000 (x)
- 25000

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_ebs

What is the total allowable volume storage of EBS General Purpose (SSD) volumes per account per 41 region?

- 5 TiB
- 10 TiB
- 20 TiB (x)
- 50 TiB

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_ebs

What is the total allowable volume storage of EBS Provisioned IOPS (SSD) volumes per account   42 per region?

- 5 TiB
- 10 TiB
- 20 TiB (x)
- 50 TiB

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_ebs

What is the total allowable volume storage of EBS Magnetic volumes per account per region?   43

- 5 TiB
- 10 TiB
- 20 TiB (x)
- 50 TiB

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_ebs

What is maximum EBS provisioned IOPS per account per region? 44

- 5000
- 10000
- 20000
- 40000 (x)

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_ebs

What is the maximum number of EC2-classic EIPs per account per region? 45

- 5 (x)
- 10
- 25
- 50

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_ec2

What is the maximum number of EC2-classic security groups per instance? 46

- 50
- 100
- 250
- 500 (x)

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_ec2

What is the maximum number of EC2 reservations per region? 47

- 5 instance reservations per AZ, per month
- 20 instance reservations per AZ, per month (x)
- 50 instance reservations per AZ, per month
- 200 instance reservations per AZ, per month

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_ec2

What is the maximum number of EC2 on-demand instances per account per region?   48

- 5
- 20 (x)
- 40
- 100

From the EC2 FAQ (https://aws.amazon.com/ec2/faqs/):

"Q: How many instances can I run in Amazon EC2?

You are limited to running up to 20 On-Demand Instances, purchasing 20 Reserved Instances, and requesting Spot Instances per yourdynamic Spot limit per region. "

This is a soft limit.

What is the maximum number of S3 buckets per account per region?   49

- 25
- 50
- 100 (x)
- 500

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_s3

What is the maximum number of ELBs per region?   50

- 10
- 20 (x)
- 40
- 80

See http://docs.aws.amazon.com/general/latest/gr/aws_service_limits.html#limits_elb

What is the maximum number of read and write capacity units per DynamoDB table? 51

- 1000 RCUs and 1000 WCUs
- 5000 RCUs and 5000 WCUs
- 10000 RCUs and 10000 WCUs (x)
- 20000 RCUs and 20000 WCUs

See http://docs.aws.amazon.com/amazondynamodb/latest/developerguide/Limits.html

What is the maximum number of read and write capacity units per account? 52

- 1000 RCUs and 1000 WCUs
- 5000 RCUs and 5000 WCUs
- 10000 RCUs and 10000 WCUs
- 20000 RCUs and 20000 WCUs (x)

See http://docs.aws.amazon.com/amazondynamodb/latest/developerguide/Limits.html

What is the maximum number instance groups in a single EMR cluster? 53

- 5
- 10
- 25
- 50 (x)
- No limit

From the EMR Developer Guide
(http://docs.aws.amazon.com/ElasticMapReduce/latest/DeveloperGuide/emr-manage-resize.html):

"Nodes within a cluster are managed as instance groups. All clusters require a master instance group containing a single master node. Clusters using slave nodes require a core instance group that contains at least one core node. Additionally, if a cluster has a core instance group, it can also have one or more task instance groups containing one or more task nodes. **A cluster can contain up to 50 instance groups.** This allows you to create up to 48 task instance groups in addition to the core and master groups."

What is the maximum number of nodes in an EMR cluster's master instance group? 54

- 1 (x)
- 2
- 5
- No limit

From the EMR Developer Guide
(http://docs.aws.amazon.com/ElasticMapReduce/latest/DeveloperGuide/emr-manage-resize.html):

"Nodes within a cluster are managed as instance groups. **All clusters require a master instance group containing a single master node.** Clusters using slave nodes require a core instance group that contains at least one core node. Additionally, if a cluster has a core instance group, it can also have one or more task instance groups containing one or more task nodes. A cluster can contain up to 50 instance groups. This allows you to create up to 48 task instance groups in addition to the core and master groups."

What is the maximum size for MySQL RDS instances based by [Magnetic | General Purpose SSD | 55 Provisioned IOPS] storage?

- [3 TB, 6 TB, 6 TB] (x)
- [300 GB, 600 GB, 600 GB]
- [10 GB, 100 GB, 100 GB]

From the RDS documentation
(http://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/CHAP_Storage.html):

"**Amazon RDS Storage Types**

[…]

- Magnetic (Standard) – Magnetic storage, also called standard storage, offers cost-effective storage that is ideal for applications with light or burst I/O requirements. These volumes deliver approximately 100 IOPS on average, with burst capability of up to hundreds of IOPS, and they can **range in size from 5 GB to 3 TB**, depending on the DB instance engine that you chose. Magnetic storage is not reserved for a single DB instance, so performance can vary greatly depending on the demands placed on shared resources by other customers.

- General Purpose (SSD) – General purpose, SSD-backed storage, also called *gp2*, can provide faster access than disk-bas6 TBed storage. This storage type can deliver single-digit millisecond latencies, with a base performance of 3 IOPS/GB and the ability to burst to 3,000 IOPS for extended periods of time. In certain cases, based on your instance and storage configuration, you may get more than 3000 IOPS. General purpose (SSD) volumes can **range in size from 5 GB to 6 TB for MySQL**, MariaDB, PostgreSQL, and Oracle DB instances, and from 20 GB to 4 TB for SQL Server DB instances. This storage type is excellent for small to medium-sized databases.

- Provisioned IOPS – Provisioned IOPS storage is designed to meet the needs of I/O-intensive workloads, particularly database workloads, that are sensitive to storage performance and consistency in random access I/O throughput. Provisioned IOPS volumes can **range in size from 100 GB to 6 TB for MySQL**, MariaDB, PostgreSQL, and Oracle DB engines. SQL Server Express and Web editions can range in size from 100 GB to 4 TB, while SQL Server Standard and Enterprise editions can range in size from 200 GB to 4 TB. You specify the amount of storage you want allocated, and then specify the amount of dedicated IOPS you want. These two values form a ratio, and this value maintains the ratio specified for the DB engine you chose. Amazon RDS delivers within 10 percent of the provisioned IOPS performance 99.9 percent of the time over a given year."

What is the maximum size for RDS instances backed by Magnetic (Standard) storage?   56

- 500GB
- 1 TB
- 3 TB (x)
- 6 TB

From the RDS documentation
(http://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/CHAP_Storage.html):

"Amazon RDS provides three storage types: magnetic, General Purpose (SSD), and Provisioned IOPS (input/output operations per second)...

- Magnetic (Standard) – Magnetic storage, also called standard storage, offers cost-effective storage that is ideal for applications with light or burst I/O requirements. **These volumes deliver approximately 100 IOPS on average, with burst capability of up to hundreds of IOPS, and they can range in size from 5 GB to 3 TB, depending on the DB instance engine that you chose.** Magnetic storage is not reserved for a single DB instance, so performance can vary greatly depending on the demands placed on shared resources by other customers."

What is the maximum size of a Glacier archive?

- 40 GB
- 40 TB (x)
- 40 PB

From the Glacier FAQ (https://aws.amazon.com/glacier/faqs/):

"Q: What is an archive?

An archive is a durably stored block of information. You store your data in Amazon Glacier as archives. You may upload a single file as an archive, but your costs will be lower if you aggregate your data. TAR and ZIP are common formats that customers use to aggregate multiple files into a single file before uploading to Amazon Glacier. The total volume of data and number of archives you can store are unlimited. **Individual Amazon Glacier archives can range in size from 1 byte to 40 terabytes.** The largest archive that can be uploaded in a single Upload request is 4 gigabytes. For items larger than 100 megabytes, customers should consider using the Multipart upload capability. Archives stored in Amazon Glacier are immutable, i.e. archives can be uploaded and deleted but cannot be edited or overwritten."

What is the maximum size for S3 objects that are downloadable via BitTorrent?

- 1 GB
- 5 GB (x)
- 10 GB
- 100 GB

From the S3 documentation (http://docs.aws.amazon.com/AmazonS3/latest/dev/S3Torrent.html):

"Amazon S3 supports the BitTorrent protocol so that developers can save costs when distributing content at high scale…**You can get torrent only for objects that are less than 5 GB in size.**"