▼ Volume Info

Configure a data volume to provide additional storage for the containers in the task.

Volume name | Info

ebs

Volume type | Info

Amazon EBS

Container mount points (1)

Container name ▽	Container path	Read only
Nginx `Essential container`	/foo/bar	No

Amazon EBS volume type | Info

General Purpose SSD (gp3) ▼

Size (GiB) | Info

100

A min of 1 GiB and a max of 16,384 GiB is allowed.

IOPS | Info

3000

A min of 3,000 IOPS and a max of 16,000 IOPS is allowed.

Throughput (MiB/s) | Info

125

A min of 125 MiB and a max of 1,000 MiB is allowed.

Snapshot ID – *optional* | Info

🔍 Choose an AWS EBS snapshot ID or ⟳

Volume initialization rate (MiB/s) – *optional* | Info

100

A min of 100 MiB and a max of 300 MiB is allowed.

File system type | Info

Choose a file system type ▼

Termination policy Info

Delete on termination

Infrastructure role | Info

You can create an IAM role for volume management from the AWS IAM console ↗.

Choose an AWS IAM role ▼ ⟳

Encryption | Info

Use ECS cluster-level managed storage encryption settings or default Amazon EBS encryption settings for your EBS resources associated with your tasks.

Default ▼

▼ Tags – *optional*

You can tag Amazon EBS volumes by providing your own tags or propagating tags from the task definition or the service. For more information, see tagging

Volume >

From the **Volume** workflow, you can provide the data volume configuration that will be used by Amazon ECS to create and attach volumes. You can use this workflow only if you defer volume configuration to deployment by setting the `configuredAtLaunch` parameter of the task definition to `true`.

Was this content helpful?

👍 Yes   👎 No

Learn more ↗

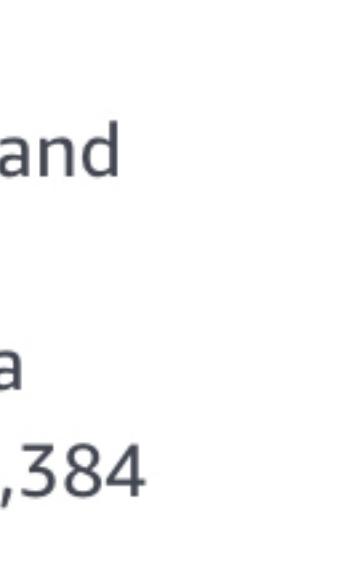Defer volume configuration to launch time in your task definition

Size (GiB) ›

The **Size (GiB)** is the size of the volume, in gibibytes (GiB). The volume size is a required value if you're creating a new, empty volume. If you're creating a volume from a snapshot, the default size value will be the snapshot size. You can then specify a size equal to or larger than the snapshot size in cases where you want to resize the volume to be larger than the size of the snapshot.

The supported volume size varies depending on the Amazon EBS volume type used.

- Provisioned IOPS SSD (`io1` and `io2`) volumes support a minimum size of 4 GiB and a maximum size of 16 tebibytes (TiB) (16,384 GiB).

- General Purpose SSD (`gp2` and `gp3`) volumes support a minimum size of 1 GiB and a maximum size of 16 TiB (16,384 GiB).

- Throughput Optimized HDD (`st1`) and Cold HDD (`sc1`) volumes support a minimum size of 125 GiB and a maximum size of 16 TiB (16,384 GiB).

- Magnetic (`standard`) volumes support a minimum size of 1 GiB and a maximum size of 1 TiB (1,024 GiB).

Was this content helpful?

👍 Yes   👎 No

Learn more ↗

Amazon EBS volume types

| 70365121-2fee-482c-acd7-95d1a98fd6f4 | 2026-01-04 06:44:17 UTC-0600 | ECSService | ⊗ CREATE_FAILED | - | Resource handler returned message: "Invalid request provided: The volume name 'ebs' in your request does not have a matching volume in your Task Definition that is configurable at launch. (Service: Ecs, Status Code: 400, Request ID: afcca2e3-26bc-4606-9f43-5c7b29f17f41) (SDK Attempt Count: 1)" (RequestToken: 58b23e67-31ef-a7fa-3f6f-f2b7a55a0d59, HandlerErrorCode: InvalidRequest) |

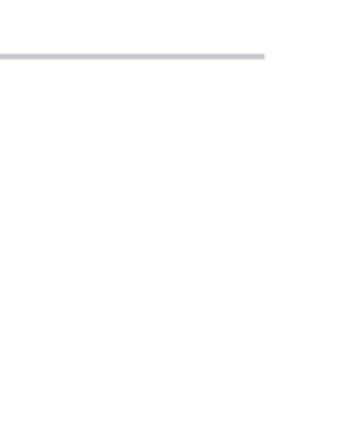| f4b1b093-cc60-4e06-86b0-aff859b6fda5 | 2026-01-04 07:37:46 UTC-0600 | ECSService | ⊗ CREATE_FAILED | - | Resource handler returned message: "Invalid request provided: An ECS Infrastructure Role is required for ECS managed EBS volumes. Specify a roleArn in the managedEBSVolume configuration and try again. (Service: Ecs, Status Code: 400, Request ID: 34e725bf-43d4-436c-b21e-648b3a784f98) (SDK Attempt Count: 1)" (RequestToken: ac17d776-5caa-fa0b-06c3-a8297718f2ea, HandlerErrorCode: InvalidRequest) |

Propagate tags from ⟩

Tags are labels comprised of a key and a value that allow you to organize and manage your Amazon ECS resources. Amazon ECS automatically attaches the `AmazonECSCreated` and `AmazonECSManaged` reserved tags to an Amazon EBS volume. An additional 48 user-defined, ECS-managed, and propagated tags can be added to a volume for a total of 50 tags maximum per volume.

Propagate tags from determines whether tags from the task definition or the service are added to the Amazon EBS volume. By default, tags are not propagated to Amazon EBS volumes.

Was this content helpful?

👍 Yes   👎 No

Learn more ⬈

Tagging Amazon EBS volumes

Tagging your Amazon ECS resources