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English ▾

roles

Task execution IAM role

### Task IAM role

Container instance IAM role

Amazon ECS Anywhere IAM role

Infrastructure IAM role

CodeDeploy IAM Role

EventBridge IAM Role

▶ Permissions required for the Amazon ECS console

IAM permissions required for Amazon ECS service auto scaling

▶ Tag resources during creation

Troubleshooting

IAM best practices

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# Amazon ECS task IAM role

[PDF](#) | [RSS](#)

Your Amazon ECS tasks can have an IAM role associate

## On this page

[Creating the task IAM role](#)

[ECS Exec permissions](#)

[Amazon EC2 instances additional configuration](#)

[External instance additional configuration](#)

[Amazon EC2 Windows instance additional configuration](#)



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your tasks to assume. You can use an existing AWS manage d policy, or you can create a custom policy from scratch that meets your specific needs.

For more

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sts:AssumeRole



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tasks to assume an IAM role that's different from the one that the Amazon EC2 instance uses.

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permissions used in the Amazon EC2 Container Service for EC2 Roles to manage IAM policy.

Your Amazon EC2 instances require at least version 1.11.0 of the container agent to use

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For an example run command, see [Manually updating the Amazon ECS container agent \(for non-Amazon ECS-Optimized AMIs\)](#).

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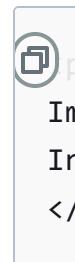
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**Next**

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**Previous**

**topic:** Task

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