

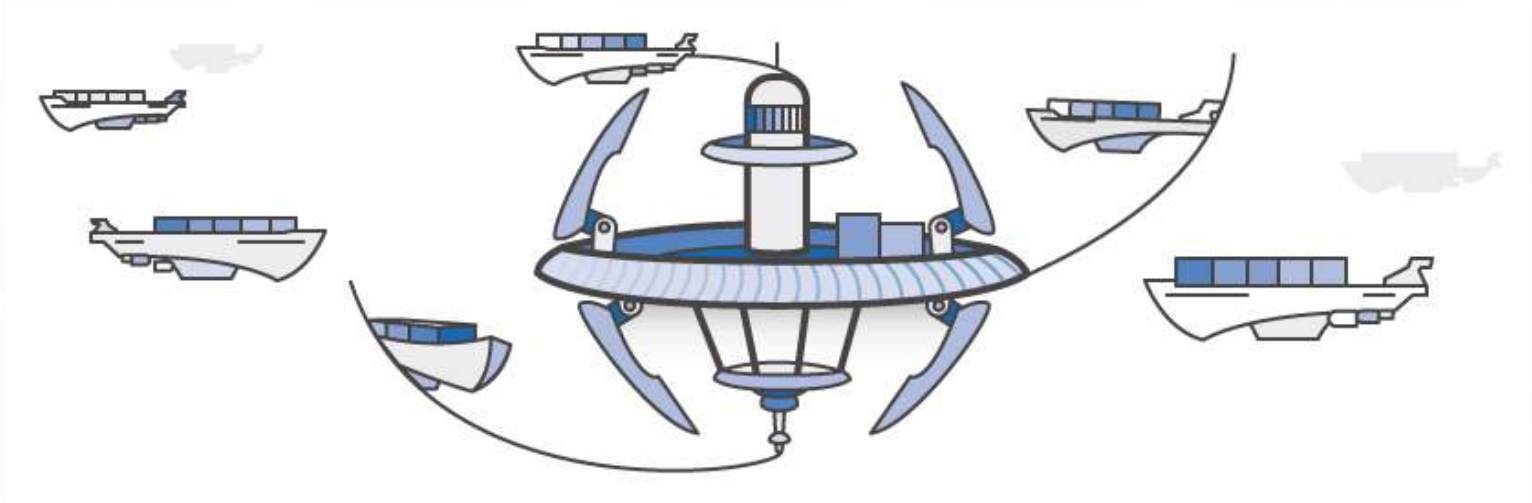


# Docker Paris #27

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# AWS is now an official sponsor of Docker Paris



<https://aws.amazon.com/ecs/>

<https://aws.amazon.com/blogs/aws/category/ec2-container-service/>

# Docker support available for AWS in Europe

<https://blog.docker.com/2015/11/aws-docker-eu/>

Docker Engine AMI with Business Day Support <https://aws.amazon.com/marketplace/pp/B014VG1R4Q>

Docker Trusted Registry AMI with Business Day Support <https://aws.amazon.com/marketplace/pp/B014VG1SIG/>

# ECS: first run wizard

## Create container task definition

You can modify the parameters in the task definition (for example, to provide more CPU resources or change the port mappings) to suit your particular application. For more information, see Task Definitions in the [Amazon ECS Developer Guide](#).

Task definition name\*  ⓘ

Container name\*  ⓘ

Image\*  ⓘ

Maximum memory (MB)\*  ⓘ

The amount of allocated memory for your container. ECS recommends 300-500 MB as a starting point for web applications.

Port mappings	Host port	Container port	Protocol	
	<input type="text" value="80"/>	<input type="text" value="80"/>	<input type="text" value="tcp"/>	ⓘ

[+ Add port mapping](#)

Advanced options

Clusters > default2

Cluster : default2

Get a detailed view of the resource...

Registered container instances

Pending tasks

Running tasks

Services Tasks EC2

Scale ECS Instances

Last updated on Nov 14, 2016 at 11:11 AM

**Scale ECS Instances in Cluster**

Scale the desired number of t2.micro ECS Instances in the Auto Scaling Group [EC2ContainerService-default2-EcsInstanceAsg-1P0WZZM2WJHAQ](#), which was created as a part of the CloudFormation Stack [EC2ContainerService-default2](#). Note that if you scale down your cluster, tasks running on those instances would be stopped.

Desired number of instances  ⓘ

Cancel Scale

<https://console.aws.amazon.com/ecs/home?region=eu-west-1#/firstRun>

# ECS: troubleshooting errors

[Tasks](#)[Events](#)[Deployments](#)[Metrics](#)

Last updated on November 20, 2015 9:25:57 AM (0m ago)



▼ Filter in this page

< Viewing 1-100 Events >

Event Id	Event Time	Message
f27ec0f1-2f3c-4c3d-9a36-955837be1be6	2015-11-20 09:25:22 -0800	service <a href="#">wavey</a> has reached a steady state.
19b1a64b-63ad-43db-8064-0feb0dd6ce8e	2015-11-20 09:24:38 -0800	service <a href="#">wavey</a> has started 1 tasks: task <a href="#">9bf705c4-07ac-484c-912e-3c6509d9569e</a> .
e07e682a-4401-4756-91a2-c4cbcaa330b0	2015-11-20 09:23:04 -0800	service <a href="#">wavey</a> was unable to place a task because no container instance met all of its requirements. The closest matching container-instance <a href="#">cc50cbcd-6b40-49a2-87e6-ecfde269edb1</a> has insufficient CPU units available. For more information, see the <a href="#">Troubleshooting</a> section.

# Webinar on ECS CLI



<https://www.youtube.com/watch?v=MMr78xAiZpQ>

# ECS videos @ AWS re:Invent 2015

Amazon ECS: Distributed Applications at Scale <https://www.youtube.com/watch?v=eun8CqGqdk8>

Turbocharge Your Deployment Pipeline with Containers  
<https://www.youtube.com/watch?v=o4w8opVCI-Q>

From Local Docker Development to Production Deployments  
<https://www.youtube.com/watch?v=7CZFpHUPqXw>

# ECS case studies @ AWS re:Invent 2015

**Remind** <https://www.youtube.com/watch?v=8zbbQkszp04>

*“Moving to Amazon ECS significantly improved our service performance. We reduced service response times in the 99th percentile by 50%”* - Jason Fischl, VP of Engineering

**Meteor** <https://www.youtube.com/watch?v=xlc3WT6kAVw>

*“There’s a very strong story around scalability in AWS. Our big questions were, ‘Can we scale the amount of compute resources necessary to run all our customers’ apps?’ and, ‘Can we scale the mechanics of coordinating all those pieces?’ Using AWS, we can answer ‘yes’ to both”* - Matt DeBergalis, Cofounder & VP Product

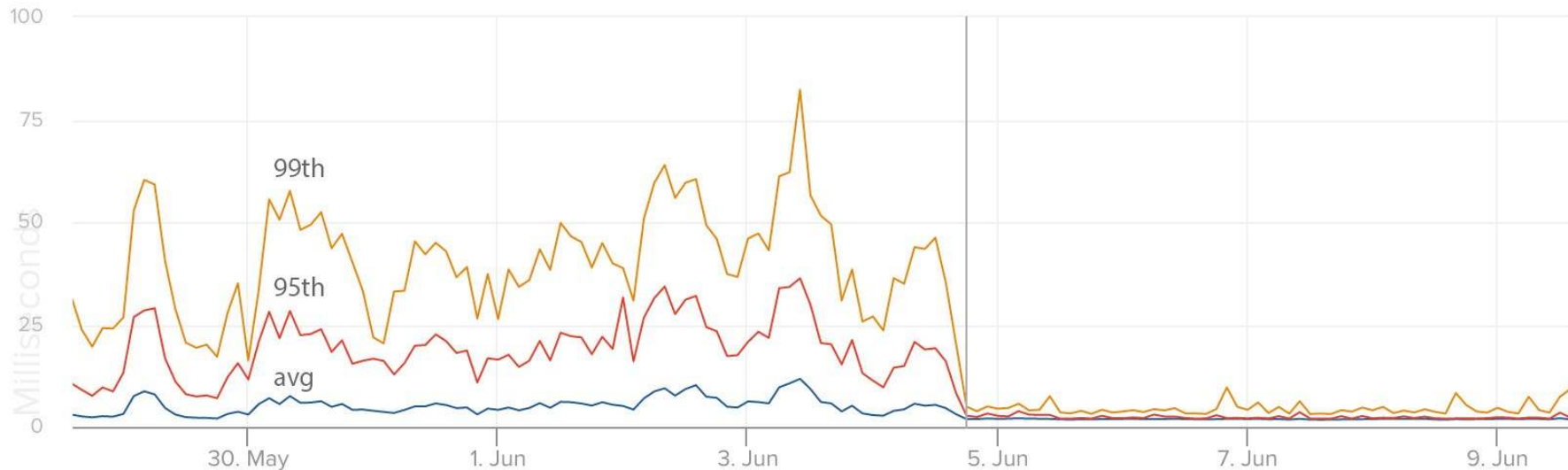
**Coursera** <http://www.youtube.com/watch?v=a45J6xAGUvA>

*“Amazon ECS enabled Coursera to focus on releasing new software rather than spending time managing clusters”* - Frank Chen, Software Engineer



# Remind service latency, before and after ECS

Read Tree



# Thank you! Let's keep in touch 😊

[https://docs.aws.amazon.com/fr\\_fr/AmazonECS/latest/dev\\_eloperguide/ECS\\_GetStarted.html](https://docs.aws.amazon.com/fr_fr/AmazonECS/latest/dev_eloperguide/ECS_GetStarted.html)

Many events and meetups in 2016 → [@aws\\_actus](#)  
AWS Summit Paris 2016 : 31/05/2016

Need an AWS speaker?

[julsimon@amazon.fr](mailto:julsimon@amazon.fr)

[@julsimon](#)