




Container Apps workload profile





At the end, containers will run on virtual machines.


What is the **size/SKU** of these VMs ?


Well, you can **choose the best for you** !


 **cae-lzaaca-udr-dev-neu** | Workload profiles  


Container Apps Environment

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 Workload profiles

Add or remove Dedicated workload profiles. You can control costs by adjusting the min and max workload profile instance counts. [Learn more](#) 

Workload profile	Current instances	Min & Max number of instances		# of Apps
Consumption Up to 4 vCPUs / 8 Gi	-	-		1
w-apps vCPUs: 4, Memory: 8 Gi	0	<div><div>3</div><div></div><div>15</div></div>		0
wp-mem-optim vCPUs: 32, Memory: 256 Gi	0	<div><div>3</div><div></div><div>10</div></div>		0

Select a workload profile size (Preview) ...

×

Showing 11 workload profile sizes

	Name	vCPU	RAM (GiB)	GPUs	Cost per month
▼	General purpose D-series				
	Dedicated-D4	4	16	-	224.808 USD
	Dedicated-D8	8	32	-	449.616 USD
	Dedicated-D16	16	64	-	899.232 USD
	Dedicated-D32	32	128	-	1798.463 USD
▼	Memory optimized E-series				
	Dedicated-E4	4	32	-	282.951 USD
	Dedicated-E8	8	64	-	565.902 USD
	Dedicated-E16	16	128	-	1131.804 USD
	Dedicated-E32	32	256	-	2263.607 USD
▼	GPU enabled NV A100 v4-series	Your subscription does not have access to GPU enabled workload profiles. Request access ↗			
	Dedicated-NC24-A100	24	220	1	3861.043 USD
	Dedicated-NC48-A100	48	440	2	7722.086 USD
	Dedicated-NC96-A100	96	880	4	15444.172 USD

Container Apps workload profile

```
az containerapp env workload-profile list-supported -l northeurope  
--query "[].{Name: name, Cores: properties.cores, MemoryGiB: properties.memoryGiB, Category: properties.category}" -o table
```

Name	Cores	MemoryGiB	Category
-----	-----	-----	-----
D4	4	16	GeneralPurpose
D8	8	32	GeneralPurpose
D16	16	64	GeneralPurpose
D32	32	128	GeneralPurpose
E4	4	32	MemoryOptimized
E8	8	64	MemoryOptimized
E16	16	128	MemoryOptimized
E32	32	256	MemoryOptimized
Consumption	4	8	Consumption
NC24-A100	24	220	GPU-NC-A100
NC48-A100	48	440	GPU-NC-A100
NC96-A100	96	880	GPU-NC-A100

Container Apps workload profile creation

```
az containerapp create -n webapp -g rg-aca --environment aca-environment  
--target-port 80 --ingress external --image nginx:latest  
--environment aca-environment  
--workload-profile-name profile-D16
```

Add workload profile (Preview) ...

Dedicated workload profiles enable you to run your apps on custom hardware. You can control costs by adjusting the minimum and maximum workload profile instance count. [Learn more about workload profiles](#) ↗

Workload profile name *

Workload profile size *

Dedicated-D16

16 vCPUs, 64 GiB included

899.232 USD/month

[Change](#)

Autoscaling instance count range *

