My Drive implementation - set EC instance

Use the AWS EC2 service web-page: Launch Instance.

🧊 Dashboard EC2 Manage 🗙	+			•	D 😣
\leftarrow \rightarrow C $\textcircled{0}$	https://eu-central-1.console.aws. amazon.com /ec2/v2/home?r	egion=eu-central-1#Hom	⊘ ☆	III\ 🗉 🗵 💆	≡
aws Services ▼	Q Search for services, features, marketplace products, and docs	[Alt+S]	🖸 🔶 🥌 🔻 Fra	nkfurt 🔻 Support 🔻	,
New EC2 Experience Tell us what you think					Ġ
EC2 Dashboard New	Resources		C	0	
Events Tags	You are using the following Amazon EC2 resources in the Europ	e (Frankfurt) Region:			
Limits	Instances (running) 1	Dedicated Hosts		0	
▼ Instances	Elastic IPs 1	Instances		2	
Instances New	Key pairs 1	Load balancers		ο	
Instance Types Launch Templates	Placement groups 0	Security groups		3	
Spot Requests	Snapshots 1	Volumes		2	
Savings Plans Reserved Instances New					
Dedicated Hosts Capacity Reservations	Launch instance				
▼ Images AMIs	To get started, launch an Amazon EC2 Instance, which is a virtu Launch instance Note: Your instances will launch in the Europe (Frankfurt) Regi				
Elastic Block Store Volumes					
Feedback English (US) 🔻	© 2008 - 2021, Amazon Web Services, Inc. o	r its affiliates. All rights reserved.	Privacy Policy Terms of	f Use Cookie preferen	nces

Search for "My drive" AMI

🔋 Launch instance wiza	rd × +												
$\overleftarrow{\bullet}$ \rightarrow $\overleftarrow{\bullet}$	🛛 🖌 🔒 https://eu	-central-1.console	.aws.amazo	on.com/ec2/	/v2/home?reg	jion=eu-centra	l-1#Laun •••	⊠ ☆		111	1	ø	≡
aws Services ▼	Q Search	for services, features	, marketplaa	ce products, a	and docs	[Alt+S]	Σ	Ş	•	Frankfurt	🛡 Suj	oport 🔻	
1. Choose AMI 2. Choose Inst	ance Type 3. Config	gure Instance 4. Ad	dd Storage	5. Add Tags	6. Configure	e Security Group	7. Review						
Step 1: Choose an An AMI is a template that contain AWS, our user community, or the	ns the software config	guration (operating s	ystem, appli	cation server	, and applicatio	ons) required to I	aunch your ins	stance. Yo	ou can se		el and l provide		
Q Search for an AMI by entering	ng a search term e.g.	. "Windows"										×	
l										Systems Ma			
Quick Start									< < 1	to 40 of 40) AMIs	> >	
My AMIs	Amazon Linux	Amazon Linux 2 ami-0bf22bb1d11			me Type - am	i-0db9040eb3a	b74509 (64-b	it x86) /		s	elect		
AWS Marketplace	Free tier eligible	Amazon Linux 2 con	-		1 State 1 Stat						oit (x86) bit (Arm)		
Community AMIs		Amazon EC2, system This AMI is the succo been removed from	essor of the A										
Free tier only (i)		Root device type: ebs	Virtualization	type: hvm E	NA Enabled: Yes								
	Red Hat	Red Hat Enterpri ami-06a5dd5df60		v 25	D Volume Typ	e - ami-009b16	6df9fcaac611	(64-bit x	86) /		elect		
	Free tier eligible	Red Hat Enterprise	Linux version	8 (HVM), EB	S General Purpo	ose (SSD) Volume	е Туре				oit (x86) oit (Arm)		
		Root device type: ebs	Virtualization	type: hvm E	NA Enabled: Yes								
Feedback English (US) 🔻			© 2008 - 20	21, Amazon Wel	b Services, Inc. or i	ts affiliates. All right	s reserved. P	rivacy Poli	cy Ten	ms of Use	Cookie	oreferen	ices

Select My-Drive File Explorer AMI

$) \rightarrow $ C'		I-central-1.console.aws. amazon.com /ec2/v2/home?region=eu-central-1#Laur ···· ♡ ☆	
aws Services ▼	Q Search	for services, features, marketplace products, and docs [Alt+S]	rt 🔻 Support 🔻
2. Choose Instance	e Type 3. Config	gure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review	
AMI is a template that contains	the software config	achine Image (AMI) Ca guration (operating system, application server, and applications) required to launch your instance. You can select an A or you can select one of your own AMIs.	Incel and Exit
, my-drive			×
		Search by Systems	Manager parameter
Quick Start (0)		I< ≤ 1 to 2 of 2	Products > >
My AMIs (0)		My-Drive File Explorer	Select
AWS Marketplace (2)	do	★★★★★ (0) 1.0.0.2021A1 By Q-BIS CONSULT SRL	
	Free Trial	Starting from \$0.03 to \$0.15/hr for software + AWS usage fees Linux/Unix, Ubuntu 20.04 64-bit (x86) Amazon Machine Image (AMI) Updated: 4/13/21	
Community AMIs (0)		My-Drive secure access your files from anywhere.	
Categories		Product highlights:	
All Categories		CLOUD files storage management for teams (S3 object storage).	
Infrastructure Software (1)		Offers high scalability and security.	
DevOps (1)		Responsive web based interfaces file explorer.	
Business Applications (2)		My-Drive, a solution to secure access your files stored into AWS S3 from anywhere. Offers high scalability and security using a hybrid CLOUD infrastructure based on EC2 and S3 services. The solution can scale easily	
		actionly damy a myone occord minasoluture based on ECZ and So services. The solution call state easily	

AMI details, press Continue:

C 🛈 🛛	A https://eu-central-1.console.aws.amazon.com/	ec2/v2/home?region=	eu-central-1#Laur	… ⊘	☆	lii\ 🗉	٤
Services ▼	Q Search for services, features, marketplace produc	cts, and docs [[Alt+S]	D 4	-	Frankfurt 🔻	Suppor
	My-Drive F	ile Explorer					it
	My-Drive File Explorer	Pricing Details					
do	My-Drive, a solution to secure access your files stored into AWS S3 from anywhere. Offers high scalability and security using a hybrid CLOUD infrastructure based on EC2 and S3 services. The solution can scale easily horizontally increasing	Free Trial Try one instance of this p AWS infrastructure charg to a paid subscription upo	ges will still apply. You			-	
	the services support (API) servers number. One small VPC can offer services to one hundred users	Hourly Fees					
	or more More info	Instance Type	Software	EC2	Total		
	View Additional Details in AWS Marketplace	t2.micro	\$0.025	\$0.013	\$0.038/hr		
Product Details		t2.small	\$0.03	\$0.027	\$0.057/hr		
		t2.medium	\$0.06 \$0.09	\$0.054 \$0.107	\$0.114/hr \$0.197/hr		
	y Q-BIS CONSULT SRL	t2.large t3.micro	\$0.025	\$0.012	\$0.037/hr		
Customer Ratin	g ★★★★★ (0) n 1.0.0. 2021A1	t3.small	\$0.023	\$0.012	\$0.054/hr		
		t3.medium	\$0.05	\$0.048	\$0.098/hr		
Syster	i ng Linux/Unix, Ubuntu 20.04	t3.large	\$0.08	\$0.096	\$0.176/hr		
Delivery Metho	d 64-bit (x86) Amazon Machine Image (AMI)	t3.xlarge	\$0.145	\$0.192	\$0.337/hr		
	t End User License Agreement	t3a.micro	\$0.025	\$0.011	\$0.036/hr		
On Marketplace Sin		t3a.small	\$0.03	\$0.022	\$0.052/hr		
AWS Servic	es Amazon EC2, Amazon EBS, Amazon EIP, Amazon S3,	t3a.medium	\$0.05	\$0.043	\$0.093/hr		
Require	d Amazon ELB	t3a.large	\$0.08	\$0.086	\$0.166/hr		
Highlights		t3a.xlarge	\$0.15	\$0.173	\$0.323/hr		_
					Cancel	Continue	

Select an instance type, implicit is t3a-medium t3a-micro is OK to start with for AWS FREE tier, probably a t2-micro will work.

aws	Services 🔻	Q Search for	services, features,	marketplace products,	and docs [Al	t+S] 🛛 🖓	Frankfurt 🔻	Support 🔻
Choose A	MI 2. Choose Insta	ance Type 3. Configu	e Instance 4. Ad	d Storage 5. Add Tag	6. Configure Security	y Group 7. Review		
ep 2:	Choose an	Instance Type	e					
	t3	t3.small	2	2	EBS only	Yes	Up to 5 Gigabit	Yes
	t3	t3.medium	2	4	EBS only	Yes	Up to 5 Gigabit	Yes
	t3	t3.large	2	8	EBS only	Yes	Up to 5 Gigabit	Yes
	t3	t3.xlarge	4	16	EBS only	Yes	Up to 5 Gigabit	Yes
>	t3	t3.2xlarge	8	32	EBS only	Yes	Up to 5 Gigabit	Yes
>	t3a	t3a.nano	2	0.5	EBS only	Yes	Up to 5 Gigabit	Yes
	t3a	t3a.micro	2	1	EBS only	Yes	Up to 5 Gigabit	Yes
	t3a	t3a.small	2	2	EBS only	Yes	Up to 5 Gigabit	Yes
	t3a	t3a.medium	2	4	EBS only	Yes	Up to 5 Gigabit	Yes
	t3a	t3a.large	2	8	EBS only	Yes	Up to 5 Gigabit	Yes
	t3a	t3a.xlarge	4	16	EBS only	Yes	Up to 5 Gigabit	Yes
					Cancel Previo	us Review and Launch	Next: Configure In	

Review:

🧊 Laun	th instance wizard × +		•	• •
← → ⊂	û 🛛 🕼 https://eu-central-1.console.aws.amazon.com/ec2/v2/home?region=eu-central-1#Laun … 🤝 🏠	\ ⊡	۹	≡
aws	Services Q Search for services, features, marketplace products, and docs [Alt+S]	Frankfurt 🔻	Support	•
1. Choose AMI	2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review			
Please review y	eview Instance Launch our instance launch details. You can go back to edit changes for each section. Click Launch to assign a key pair to your instance and complete the ir instance configuration is not eligible for the free usage tier			×
	aunch an instance that's eligible for the free usage tier, check your AMI selection, instance type, configuration options, or storage devices. Learn mo eligibility and usage restrictions.		Ŭ	
▼ AMI Deta	ails Edit AMI	Don't show me	this again	
do	My-Drive File Explorer Root Device Type: ebs Virtualization type: hvm			
	Free Trial Try one instance of this product for 15 days. There will be no software charges but AWS infrastructure charges will still apply. Your Free Trial will automatically convert to a paid subscription upon expiration.			
	Hourly Software Fees: \$0.025 per hour on t3a.micro instance. Additional taxes or fees may apply. Software charges will begin once you launch this AMI and continue until you terminate the instance.			
	If you have an existing license entitlement to use this software, then you can launch this software without creating a new subscription. If you do not have an existing entitlement, then by launching this software, you will be subscribed to this software and agree that your use of this software is achieved to the privile			
	Cance	Previou	Is Laun	nch
Feedback Ei	nglish (US) ▼ © 2008 - 2021, Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Policy Term	ns of Use C	ookie prefere	ences

Security group it is set by the installation process. If you already have one, chose the one you have configured for My Drive.

	🧊 Launch instand	e wizard	× +						00) 😣
$\langle \boldsymbol{\leftarrow} \rangle$	ightarrow C' $rightarrow$		https:	://eu-central-1.cor	nsole.aws. amazon.com /ec2/	/v2/home?region=eu-central-1	#Laun ••• 🗵 🕁	\ ⊡	۹	≡
	Services	•	Q Se	earch for services, fea	atures, marketplace products, a	nd docs [Alt+S]	۰	Frankfurt 🔻	Support 🔻	
1. 0	hoose AMI 2. Choo	ose Instance	Туре 3. (Configure Instance	4. Add Storage 5. Add Tags	6. Configure Security Group	7. Review			
Ste	ep 7: Review	/ Insta	nce Lai	unch						
	Instance Type	ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance			
	t3a.micro	-	2	1	EBS only	Yes	Up to 5 Gigabit			
• 5	Security Groups	5					Edit security groups			
	Security group nan Description version 1.0.0. 2021A		This securi I by Q-BIS C	ty group was genera ONSULT SRL		is based on recommended setting				
	Туре (і)		Protocol	(1)	Port Range (i)	Source (i)	Description (i)			
					This security group has no rule	:5				
▶	nstance Details	6					Edit instance details			
• 5	Storage						Edit storage			
• 1	Tags						Edit tags			
							Cance	Previous	Launc	ch
Fee	dback English (US)	•			© 2008 - 2021, Amazon Wel	o Services, Inc. or its affiliates. All rights re	eserved. Privacy Policy Term	is of Use Coo	okie preferenc	ces

Select or create a key pair for the new instance (used to access the instance via SSH)

🧃 Launch instance wizard 🛛 🗙	+	
\leftarrow \rightarrow C $\textcircled{0}$	https://eu-central-1.console.aws. amazon.com /ec2/v2/home?region=eu-central-1#Laur 🚥 🗟 🕼 🗓	≘ 🙍 🕲
aws Services ▼	Q Search for services, features, marketplace products, and docs [Alt+S]	Support 🔻
1. Choose AMI 2. Choose Instance Type	3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review	
Step 7: Review Instance	e Launch	
Instance Type ECUs v	Select an existing key pair or create a new key pair X	
t3a.micro - 2		
✓ Security Groups	A key pair consists of a public key that AWS stores, and a private key file that you store. Together, they allow you to connect to your instance securely. For Windows AMIs, the private key file is required to obtain the password used to log into your instance. For Linux AMIs, the private key file allows you to securely SSH into your instance.	
Security group name My Description Th version 1.0.0. 2021A1 provided by	Note: The selected key pair will be added to the set of keys authorized for this instance. Learn more about removing existing key pairs from a public AMI.	
Type (i) P	Choose an existing key pair Select a key pair	
▶ Instance Details	I acknowledge that I have access to the selected private key file (sigma.pem), and that without this file, I won't be able to log into my instance.	
▶ Storage	Cancel Launch Instances storage	
▶ Tags	dit tags	
	Cancel Previous	s Launch
Feedback English (US) 🔻	© 2008 - 2021, Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Policy Terms of Use Co	ookie preferences

The new instance will start: (set a name for it ...)

🔋 Instances EC2 Managem	× +
$\leftarrow \rightarrow$ C $\textcircled{0}$	🔺 https://eu-central-1.console.aws. amazon.com /ec2/v2/home?region=eu-central-1#Insta 🚥 🖾 🏠 📗 🗈 🗧
aws Services v	Q Search for services, features, marketplace products, and docs [Alt+S] D ↔ Frankfurt ▼ Support ▼
New EC2 Experience Tell us what you think	Instances (2) Info C Connect Instance state V Actions V Launch instances V
EC2 Dashboard New Events	Q. Filter instances < 1 > ③ Instance state: running X Clear filters
Tags Limits	Name ▼ Instance ID Instance state ▼ Instance type ▼ Status check Alarm: Ubuntu20 I-0f071c969602345ca Ø Running Ø t2.medium Ø 2/2 checks passed No alar
▼ Instances	my-drive I-Odfea34a8a183a0ab ⊘ Running Q Q t3a.micro ⊘ 2/2 checks passed No alar
Instances New	
Instance Types	
Launch Templates	
Spot Requests	— m m m
Savings Plans	Select an instance above
Reserved Instances New	
Dedicated Hosts	
Capacity Reservations	
▼ Images AMIs	
 Elastic Block Store Volumes 	
Feedback English (US) 🔻	© 2008 – 2021, Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Policy Terms of Use Cookie preferences

Set the IAM role for the instance in order to give access to the S3 bucket.

🧊 Instances EC2 Manageri 🔅	× + • • • • •
(←) → ℃ ጬ 🛛	🔒 https://eu-central-1.console.aws. amazon.com /ec2/v2/home?region=eu-central-1#Insta 🚥 🗵 🏠 🔢 🔹 🗧
aws Services ▼	Q Search for services, features, marketplace products, and docs [Alt+S] ∑ & ▼ Frankfurt ▼ Support ▼
New EC2 Experience Tell us what you think	Instances (1/2) Info C Connect Instance state V Actions A Launch instances V
EC2 Dashboard New	Q Filter Instances Connect 1 > 💿 Instance state: running X Clear filters View details
Tags	■ Name ▼ Instance ID Instance state ▼ Instance settings ▶ Alarma
Limits Instances	Ubuntu20 I-0f071c969602345ca ⊘ Running @ Q t2.m Networking ed No alar ✓ my-drive I-0dfea34a8a183a0ab Change security groups Security ed No alar
Instances New	Get Windows password Image and templates Modify IAM role Monitor and troubleshoot
Launch Templates	
Savings Plans	Instance: i-Odfea34a8a183a0ab (my-drive)
Reserved Instances New Dedicated Hosts	Details Security Networking Storage Status checks Monitoring Tags
Capacity Reservations Images AMIs	 Instance summary Info Instance details Info Host and placement group Info
 Elastic Block Store Volumes 	Host ID Affinity Placement group - - -
Feedback English (US) 🔻	© 2008 - 2021, Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Policy Terms of Use Cookie preferences

Chose the IAM role:

•	Modify I	IAM role EC2	Ma 🗙 🕂					•	8
	C" û		♥ A https://eu-central-1.console.aws.amazon.com/ec2/v2/home?region=eu-central-1	1#Mod •••	⊠ ☆	lii\		ø	=
aws	Ser	rvices ▼	Q Search for services, features, marketplace products, and docs [Alt+S]	Σ	¢	▼ Frankfurt	Sup	port 🔻	
=	EC2 >	Instances	> I-Odfea34a8a183a0ab > Modify IAM role						
		odify IAM role to							
		ance ID I-Odfea34a8a	183a0ab (my-drive)						
	Sele	I role ct an IAM role to ently attached to	attach to your instance or create a new role if you haven't created any. The role you select replaces any roles that your instance.	at are					
		webdrive98-ro	e C Create new IAM role						
			Cancel	Save					
Feedback	c Engli	ish (US) 🔻	\circledast 2008 - 2021, Amazon Web Services, Inc. or its affiliates. All rights re	reserved. P	Privacy Policy	Terms of Use	Cookie p	referenc	es.

The instance is set and running:

🔋 👔 Instances EC2 Managen	× + ● ®
ightarrow $ ightarrow$ $ ightarrow$ $ ightarrow$ $ ightarrow$	🕽 🔒 https://eu-central-1.console.aws. amazon.com /ec2/v2/home?region=eu-central-1#Insta 🚥 🗵 🏠 📗
aws Services ▼	Q Search for services, features, marketplace products, and docs [Alt+S] [Alt+S]
New EC2 Experience Tell us what you think	
EC2 Dashboard New	Instances (1/3) Info
Events	Q. Filter Instances < 1 > ©
Tags Limits	■ Name ▼ Instance ID Instance state ▼ Instance type ▼ Status check Alarr
	□ Ubuntu20 I-0f071c969602345ca ⊘ Running @Q t2.medium ⊘ 2/2 checks passed No a
Instances	□ Win2016srv i-0e65b79c0d1f04db6 ○ Stopped Q t2.small - No a
Instances New	🗹 my-drive I-Odfea34a8a183a0ab 🤗 Running 🍭 🤤 t3a.micro 🔗 2/2 checks passed No a
Instance Types	
Launch Templates	
Spot Requests	
Savings Plans	
Reserved Instances New	Instance: i-Odfea34a8a183a0ab (my-drive)
Dedicated Hosts	Details Security Networking Storage Status checks Monitoring Tags
Capacity Reservations	Details Security networking Storage Status thetes Promitioning Tags
Images	▶ Instance summary Info
AMIs	 Instance details info
74-15	✓ Host and placement group Info
	• Host and bracement from the
Elastic Block Store	Host ID Affinity Placement group

Next you will need to set the DNS for your domain name in order to use the public IP of this server. Before that you should set a fixed IP for this instance using the EC2 EIP found in this web-page.

Notes: