



Amazon Web Services Credits

Infrastructură Cloud pentru organizații non-profit

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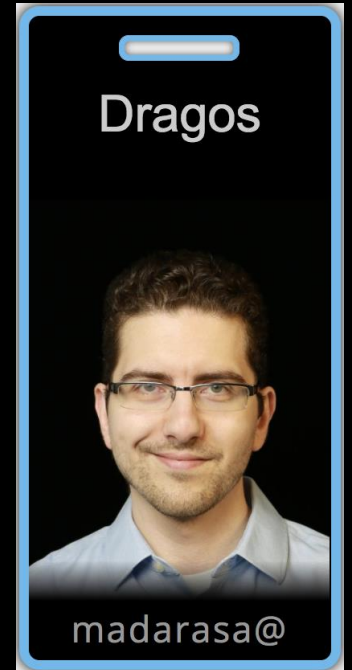


Agenda

- Intro
- Amazon and AWS
- What is Cloud Computing
- Popular examples for NPOs
- How to get started
- References

About me

- Solutions Architect @ AWS, covering Romania and Hungary
- Work with and support clients, partners, NGOs, Public Sector
- Based in Munich, Germany, often in Romania
- Previously Support Engineer and ProServe Consultant @ AWS



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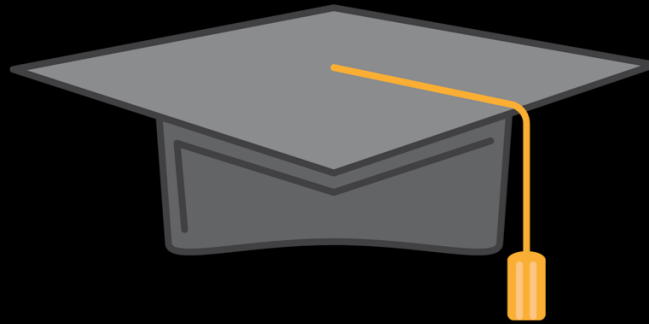


AWS in the Public Sector

10.000s of customers in the field of ...



Administrations &
Governments





















Research &
Education



Non-Profit
Organizations

Non-Profits Running on AWS

					
GivenGain	The Royal Opera House	The National Trust	WeFarm	The Global Crop Diversity Trust	Städel Museum
					
Deutsches Kinderhilfswerk e.V.	OXFAM Intermon	Refugees on Rails	Jour De La Terre	MEANS Database	UNICEF
					
Medscheme	Zooniverse	Ecosia	No More Ransom	Restos du coeur	Aktion Deutschland Hilft

What is Cloud Computing?



Delivery of IT resources via the internet

- on demand
- without upfront investment
- pay-as-you-go
- global reach

Recapitulare

Dacă vreau să beneficiez de servicii de infrastructură în cloud atunci apelez la:

- Amazon.com
- Amazon Pantry
- Amazon Web Services

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Recapitulare

Exemplu de clienți AWS sunt:

- ❑ Doar companii multinaționale cu bugete de milioane de euro
- ❑ Developeri, companii mici și mari, organizații guvernamentale și non-profit

Recapitulare

Exemplu de clienți AWS sunt:

- ❑ Doar companii multinaționale cu bugete de milioane de euro
- ❑ **Developeri, companii mici și mari, organizații guvernamentale și non-profit**

Supporting End-to-End Security & Compliance

Your own
compliant
solutions



Your own
certifications



Your own
external audits
and attestations



*“Ever thought
of GDPR?”*

AWS Foundation Services

Compute

Storage

Network

Global Infrastructure

AZs

Regions

Edge Loc.

- Culture of security and improvement
- Ongoing audits and assurance

<https://aws.amazon.com/compliance/gdpr-center/>

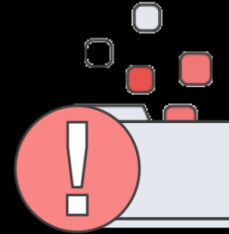
Typical Use Cases on AWS



Dev & Test



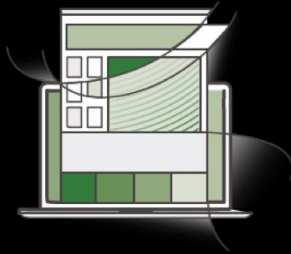
**Backup &
Storage**



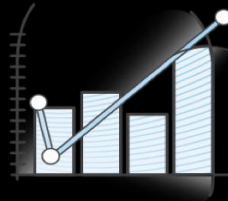
**Disaster
Recovery**



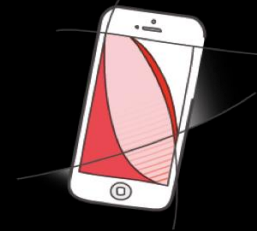
**Application
Services**



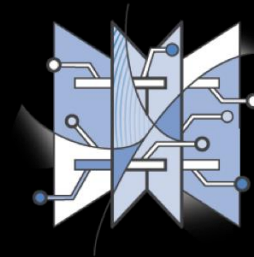
Web Sites



**Big Data
Machine Learning**



**Mobile
Solutions**



IoT

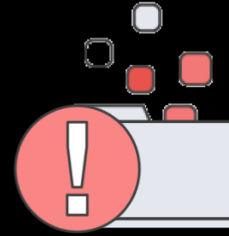
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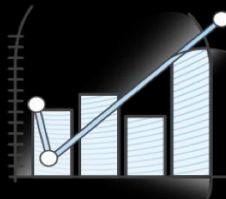
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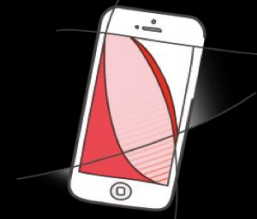
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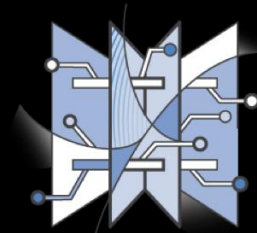
Web Sites



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IoT

Website hosting

- Deploy CMS such as Wordpress, Drupal, Joomla
- Includes virtual machine, storage, data transfer, and static IP
- Flexible pricing
- Backup and monitoring
- Free trial 1 month



Amazon Lightsail

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

Backup and storage

- Data durability (99.999999999%)
- Flexible and scalable (megabytes to terrabytes)
- Cost efficient (\$0.023/GiB for S3, \$0.004 per GB / Month)
- Store documents, images, videos, archives
- Transfer files using Amazon Transfer for SFTP

<https://aws.amazon.com/backup-restore/>



Amazon Simple Storage Service



Amazon S3 Glacier



AWS Transfer for SFTP

Email campaigns

- Send and receive email
- Support for bulk or transactional emails
- Send emails from console or programmatically
- Integration with email marketing platforms

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



Amazon Simple
Email Service

How to get started?

AWS Free Tier

The AWS Free Tier enables you to get **free, hands-on experience** with the AWS platform, products, and services

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

Service	Category	Free Limit
Amazon Chime	BUSINESS PRODUCTIVITY	Unlimited
Amazon Cloud Directory	IDENTITY, SECURITY, & COMPLIANCE	1 GB of storage per month
Amazon CloudFront	STORAGE & CONTENT DELIVERY	50 GB of storage
Amazon CloudWatch	DEVELOPER TOOLS	10 custom metrics and 10 alarms
Amazon Cognito	MOBILE SERVICES	50,000 MAUs each month
Amazon Comprehend	ARTIFICIAL INTELLIGENCE	50K units of text (5M characters) for each API per month
Amazon Connect	CONTACT CENTER	90 minutes per month of Amazon Connect usage
Amazon EC2	COMPUTE	750 Hours per month
Amazon EFS	STORAGE & CONTENT DELIVERY	5 GB of storage
Amazon Elastic Block Storage	STORAGE & CONTENT DELIVERY	30 GB (any combination of General Purpose (SSD) or Magnetic)
Amazon Elastic Container Registry	COMPUTE	500 MB per month of storage
Amazon Elastic Transcoder	MEDIA SERVICES	20 Minutes of audio transcoding

Techsoup AWS Non-Profit Credit Program

Through TechSoup, non-profits get access to selected, packaged AWS services




Eligible NPOs can receive a grant of **\$2,000 in credits**. Organizations can use those credits towards usage fees of AWS on-demand services

AWS Training & Certification

AWS Training and Certification


Start here to get trained and certified on AWS.
Train. Certify. Build on.



Get Started with Free Digital Training

Access free digital training to build your skills and learn about AWS services and solutions.


[Enroll now »](#)



Browse All Training

Discover course offerings to develop technical skills and learn best practices.

[Find training »](#)



Get AWS Certified

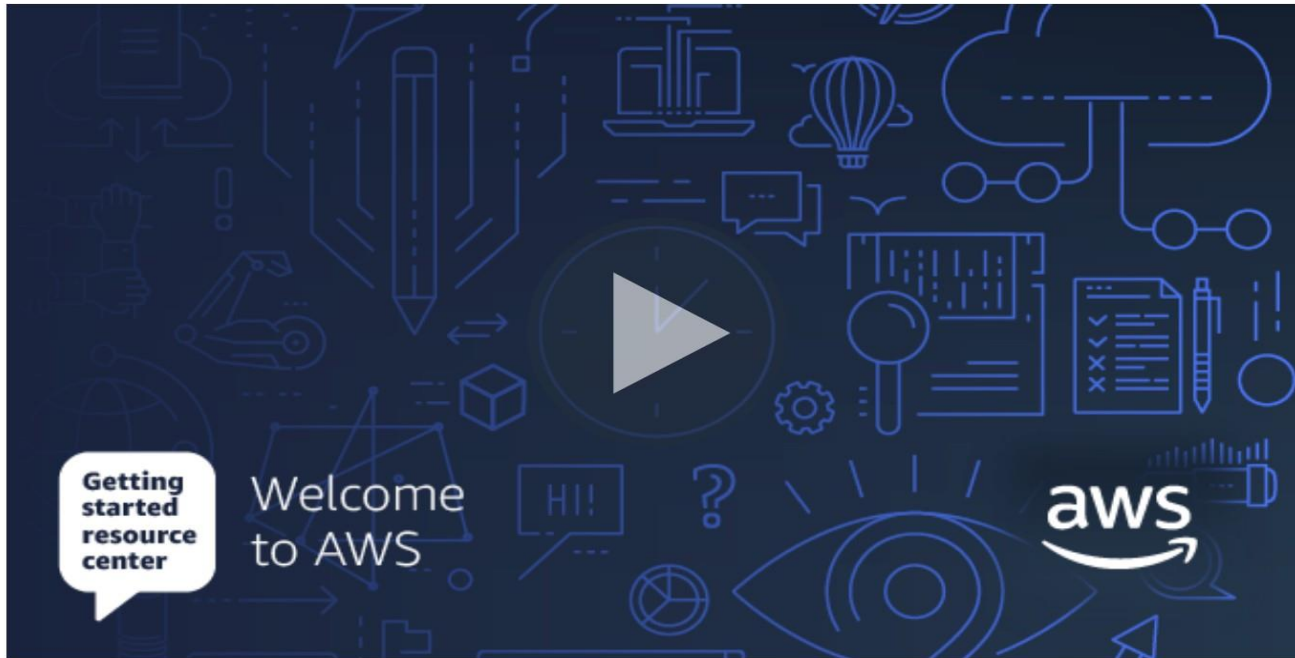
Validate your skills and get access to special benefits.

[Access certification »](#)

Take online AWS trainings and get certified: <https://www.aws.training>

AWS Training & Certification

Welcome to AWS



Jeff Barr, Chief Evangelist for Amazon Web Services

Follow Jeff [@jeffbarr](https://twitter.com/jeffbarr) to stay connected to AWS news and announcements

10-Minute Tutorials

Get started with a simple tutorial to get hands-on with an AWS product.



1. [Launch a Linux Virtual Machine](#)
2. [Launch a WordPress Website](#)
3. [Register a Domain Name](#)
4. [Store and Retrieve a File](#)
5. [Store Multiple Files](#)
6. [Launch a Web Application](#)
7. [Deploy Docker Containers](#)
8. [Launch a Windows Virtual Machine](#)
9. [Create and Connect to a MySQL DB](#)
10. [Create and Query a NoSQL Table](#)

[See all 10-Minute Tutorials >>](#)

Visit our Getting Started Resource Center:
<https://aws.amazon.com/getting-started>

AWS Educate

Access cloud content, training, and collaboration tools at no cost



- AWS Credits (annually renewable)
- AWS Training
- Curated Content
- Collaboration Tools

<https://aws.amazon.com/education/awseducate/>

NPO Office Hours (in Romanian)

New!

AWS hosts monthly office hours to answer questions from those in the nonprofit space about our capabilities, best practices, and how to get started.

Dial-in Information

1. Click to join the meeting: <https://chime.aws/6365501071> and use the Meeting ID: **6365501071**
2. You can use your computer's microphone and speakers, however, a headset is recommended.

Romania: +40 376 300 057, +40 800 400 864 (Toll-free)
and use the Meeting PIN: 6365501071

International: <https://chime.aws/dialinnumbers/>

Dial-in and join us on the 3rd Wednesday of each month at 14:00 (Bucharest time).



Recapitulare

Folosind programul AWS Educate, pot beneficia gratuit de:

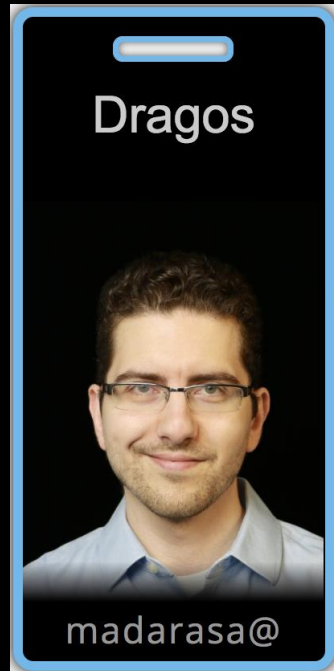
- Credite AWS
- Training pe servicii AWS
- Teme, laboratoare și materiale de studiu
- Toate de mai sus

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- Toate de mai sus**

And Finally ... your Solutions Architect



I'm Dragos, I'm here to help.
If there's anything I can do, please reach out.

madarasa@amazon.com

References

- TechSoup AWS credits <https://www.techsoup.ro/directory/265>
- AWS Free Tier <https://aws.amazon.com/free>
- Training <https://www.aws.training>
- AWS Educate <https://aws.amazon.com/education/awseducate/>
- GDPR whitepaper
https://d1.awsstatic.com/whitepapers/compliance/GDPR_Compliance_on_AWS.pdf

Thank you!