Non-Profit Organizations on AWS

Ralph Winzinger, Solutions Architect PS DACH

Berlin Summit, June 7th 2018

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amazon

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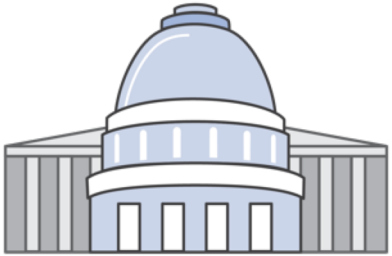
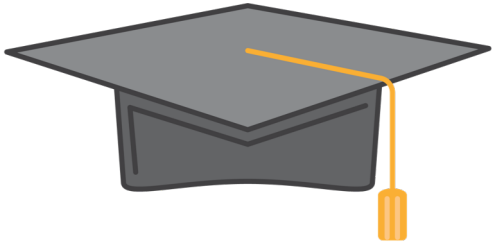
AWS in the Public Sector

10.000s of customers in the field of ...



Administrations & Governments



Research & Education

Non-Profit Organizations

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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

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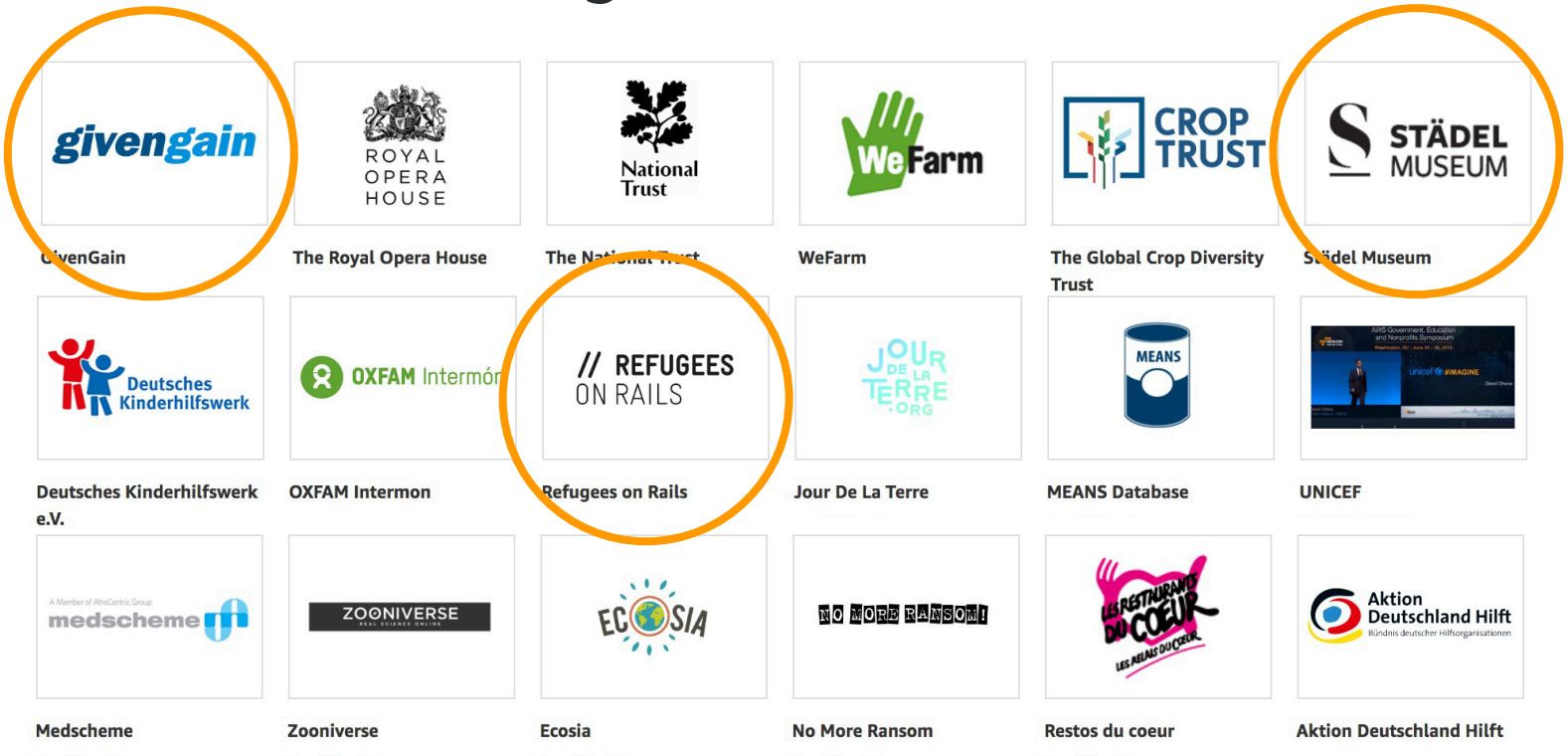
Non-Profits Running on AWS



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What is Cloud Computing?

Delivery of IT resources via the internet

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

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Typical Use Cases on AWS

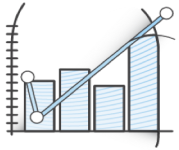
Dev & Test

Backup & Storage

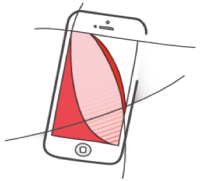
Disaster Recovery

Application Services

Web Sites



Big Data Machine Learning



Mobile Solutions

IoT

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Typical Use Cases on AWS

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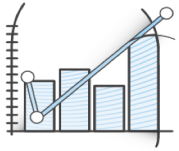
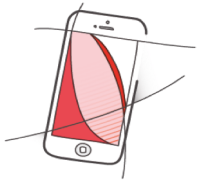


Big Data
Machine Learning



Mobile Solutions

IoT

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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

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How to get started?

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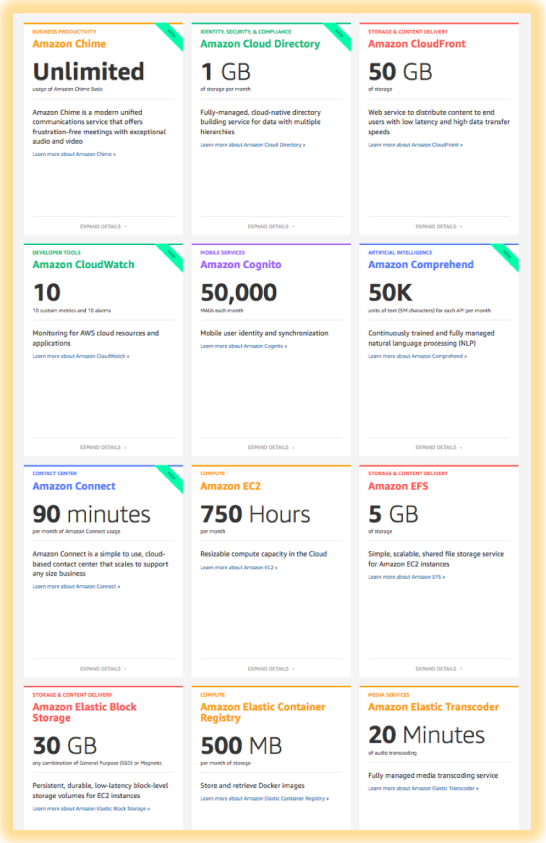
AWS Free Tier

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

https://aws.amazon.com/free



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AWS Free Tier

AWS Free Tier enables you to get
e with the
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1M API CALLS RECEIVED

per month

These free tier offers are only available to new AWS customers, and are available for 12 months following your AWS sign-up date. When your 12 month free usage term expires or if your application use exceeds the tiers, you simply pay standard, pay-as-you-go service rates

Sign up for the Free Tier

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AWS Free Tier

AWS Free

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Sign up for the

Free Tier

1M REQUESTS

per month

400,000 GB-SECONDS

of compute time per month.

The Lambda free tier does not automatically expire at the end of your 12 month AWS Free Tier term, but is available to both existing and new AWS customers indefinitely.

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AWS Free Tier

AWS Fre

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The Lambda free tier does
expire at the end of your
Tier term, but is available
new AWS customers indef

Free Tier

Get started with DynamoDB for free. Many applications can operate within these f
limits.

- Enough throughput to handle up to 200 million requests per month (25 write capacity units and 25 read capacity units).
- 25 GB of indexed data storage.
- 2.5 million read requests per month from DynamoDB Streams.
- Ability to deploy DynamoDB Global Tables in up to 2 AWS regions.

You only pay for the resources you consume beyond these free tier limits. DynamoDB's free tier does not expire at the end of your 12 month AWS Free Tier term and is available to all AWS customers.

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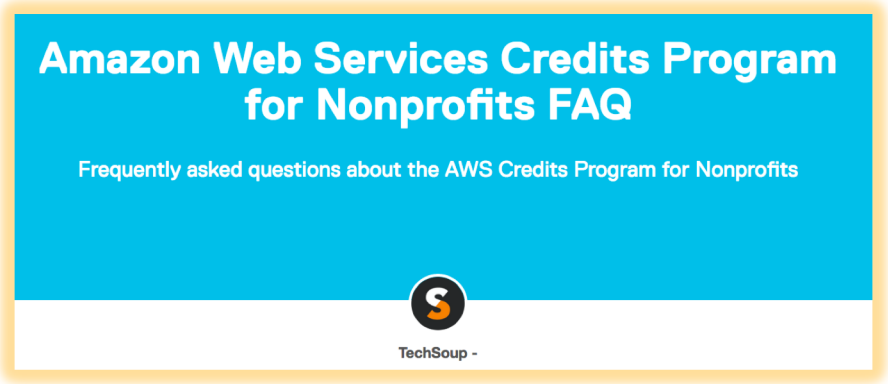
Techsoup AWS Non-Profit Credit Program

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

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AWS on “Stifter-Helfen.de”

AWS offers service donations on stifter-helfen.de.

To apply for them, you’ll have to register on their portal.

Amazon Web Services-Guthaben für gemeinnützige Organisationen

Lizenzart:	12 Monate
IT-Stifter:	Amazon Web Services
Medium:	Online
Plattform:	Multiple

Get started here: http://bit.ly/npocredits

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AWS Serve

Partnership with the Technology Affinity Group (TAG)

Provides a gateway for innovation and increased impact for the causes and communities you serve.

Exclusively available to TAG member foundations and your nonprofit grantees. The AWS Serve program also collaborates with partners, like **SmartSimple** and **Linux Academy**

Learn more: http://bit.ly/awsserve

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AWS Training & Certification

AWS Training and Certification

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Train. Certify. Build on.

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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/

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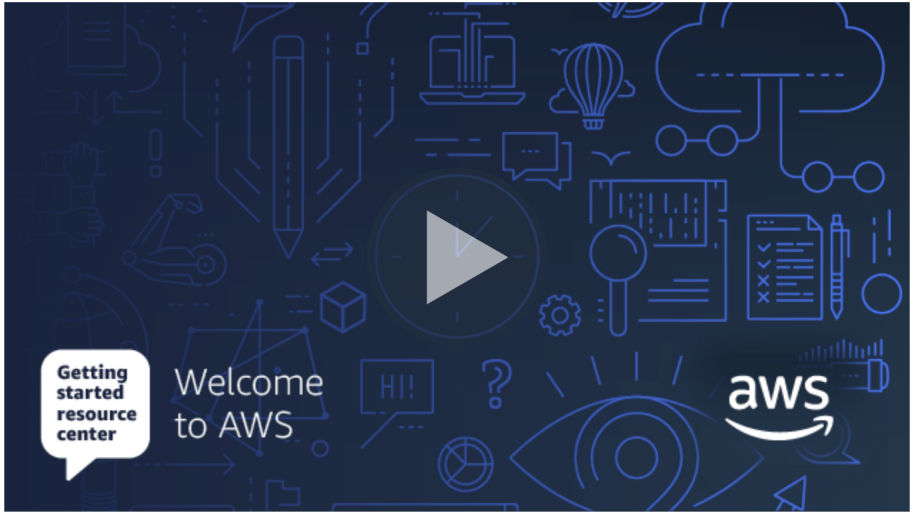
AWS Training & Certification

Welcome to AWS



Jeff Barr, Chief Evangelist for Amazon Web Services

Follow Jeff @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/

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IMAGINE A Better World Conference

More information & registration http://bit.ly/IMAGINEconf
2017 recordings: http://bit.ly/IMAGINEconf17

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Leverage the AWS Partner Network

There is an eco-system of tens of 1000s of partners specialized in implementing solutions on AWS. We can help you find the right one for your vision.

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NPO Office Hours

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

Join us for NPO Office Hours

Dial-in Information

1. Click to join the meeting: https://chime.aws/7761703674 and use the Meeting ID: 7761 70 3674

2. You can use your computer's microphone and speakers, however, a headset is recommended.

United States (1): +1-929-432-4463 using the Meeting PIN: 7761 70 3674

One-click Mobile Dial-in: +1-929-432-4463,,7761703674#

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

Dial-in and join us on the 3rd Wednesday of each month at 2:00 p.m. (EST).

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And Finally … your Solutions Architect

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

rwinz@amazon.de

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Thank You!

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