

Cloud and DevOps

1. Hello Cloud
2. Software development
3. AWS & Serverless
4. ➡ Security in AWS ➡
5. Cost management in AWS
6. Devops & CICD
7. Guest speaker

We have a problem

“ How can we grant access to AWS? ”



IAM

Identity Access Management

“ Creates users and assigns policies. ”

- How do we create users in IAM?
- How do policies work?
- How have we been accessing AWS so far?



To the cloud !

“ Create a NodeJs **Lambda** called *my_lambda* from the AWS Console. Use the default values provided by the UI. Test it from the same Lambda UI. ”



Level up

“ In [this repository](#), you have a javascript function. Deploy it! ”

- Where is our function code?
- Where is the file used to deploy our function?
- How does our script know where to deploy?



Level up 2

- “ Create a REST api in AWS. Inside, create a resource and an http method. Connect your http method with your Lambda and test it from the same UI. ”
- To help you, log the received event in CloudWatch from your Lambda.



Conclusions

- Identity Access Management allows the creation of users.
- IAM allows you to create policies and assign them to users.
- Download user's credentials to access AWS via CLI with AWS Software Development Kit.



Homework

“ Modify your function code so it returns the total sum of an array of numbers. ”

- How can we provide such numbers via Postman?