

Edifixio helps Ebtrans Group to control AWS resource costs by using Instance Scheduler on AWS



Executive Summary

In recent years, the E-b-trans Group has migrated its IT infrastructure to the AWS Cloud, before entrusting the 24/7 outsourcing of this same Cloud infrastructure to Edifixio, an AWS partner included in the MSP program. (Managed Service Provider).

Customer Challenge

Customer challenge is to keep AWS resource costs under control, and to avoid paying for resources that are not used by his teams.

Partner solution

The main objectives of the project were to reduce AWS costs, by systematically shutting down all DB resources that are not used out of the business hours (over nights and weekends).

Considering the constraints and Edifixio's successful cloud migrations with other customers, Edifixio proposed utilizing Instance Scheduler on AWS.

To build this solution, we created an Instance Scheduler AWS Lambda function, an AWS DynamoDB instance and an AWS CloudFormation stack.

About the E-b-trans Group



The E-b-trans Group, an expert in tank transport and the logistics of sensitive materials since 1996, brings together carriers in 14 European countries.

The companies of the E-b-trans Group ensure the proper delivery of more than 50 million cubic meters of product each year, serving clients of all sizes and in all sectors.

Results and Benefits

Using Instance Scheduler, we were able to :

- control AWS resource cost by configuring start and stop schedules for Amazon Relational Database Service (Amazon RDS) instances.
- reduce operational costs by stopping resources that are not in use and starting resources when needed.

Takeaways

- **Prerequisites**

Need to setup correct IAM permissions for Lambda, DynamoDB, S3 and AWS CloudFormation before setting Up AWS Instance Scheduler on AWS

About Edifixio



Premier Consulting Partner since 2010, Edifixio has a significant experience in delivering **Cloud based infrastructures and applications** for its customers.

We are **AWS Cloud Managed Services Partner** having joined the MSP Partner program since day one.

Owners of the **Migration Competency**, our consultants are Solution Architect, SysOps Admin, DevOps Engineer and Development **AWS certified**.