

EBank Platform

E-Banking

Learn How Cloudride helped Ebank reduce cloud costs in no time



Working with Cloudride helped us build a robust, secure, and efficient infrastructure on AWS while reducing our operational costs immensely. Communicating with them from the start has been swift, friendly, and professional.

Yoav Bongo,
CTO at EBank Platform



Results



38%

Cost Reduction of 38%
of total usage within 3
months.

INTRO

Ebank platform allows the clients to instantaneously receive and transfer funds. Whether it's a paycheck or a Payment request from a client we will be sure to carry it out at once, even on holiday.

THE CHALLENGE

Ebank was running its development and production workloads on the same account, with very little visibility, management, and control over its cloud expenses. Their cloud bill was growing steadily over the past year with a lack of ability to optimize it and to understand the reason behind this cost growth.

THE GOAL

To obtain full visibility into cloud consumption and actual needs, and enable management, optimization, and planning of cloud expenses moving forward, alongside carrying out our strategic activities to reduce overspend wherever possible.



Transparency



Flexibility



Cost Savings

THE CLOUDRIDE SOLUTION

There are three main stages of the Ebank FinOps strategy.

Within each stage, Cloudride offers specific capabilities to help them achieve their goals:



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THE **CLOUDRIDE** SOLUTION - CONT.

Monitor:

- Ebank has a 3 years commitment for a reserved instance which was completely unutilized
- ElastiCache environment has multiple nodes
- Support charges are very high and accumulate in accordance with the growing AWS usage
- The account was running completely On-Demand

Optimize:

- Detect Idle / Underutilized resources and commitments
- Terminate unused support charges
- Reduce ElastiCache nodes
- Purchase commitments for ongoing services - EC2, RDS & ElastiCache

Forecast:

- Estimate future needs and act accordingly
- Purchase committed usage for 1 year ahead and earn discounts

FinOps:

After noticing a 3 years commitment for a reserved instance that was not unutilized and increased the spending every month, we decided to match current EC2 instances to the relevant instance commitment.

We also changed Ebank's Business Support plan to the Basic plan which is free of charge, but still offers the relevant guidance and support the customer needs. Finally, we changed the pricing model of a major part of the AWS usage from On-Demand to Reserved Instances, which granted some valuable discounts.

DevOps:

In order to reduce costs, we utilized the RIs purchased by changing the RI to a size that can serve multiple environments, We provisioned more EC2 running the Production environment for high availability in order to utilize the RIs. In addition, we upgraded the Play environment for that instance size as well.

About costs in Databases - we managed to run all development environments using 1 cache node instead of multiple nodes and by that, we were able to reduce costs by 40% per environment.



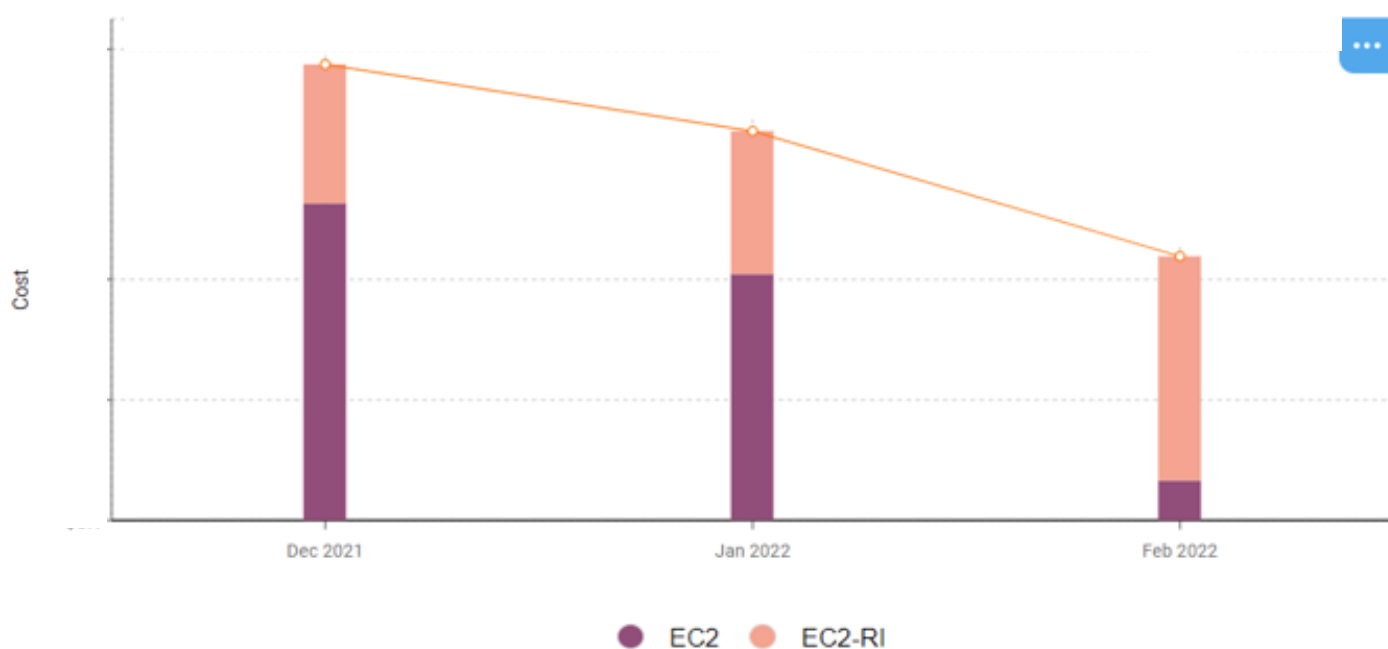
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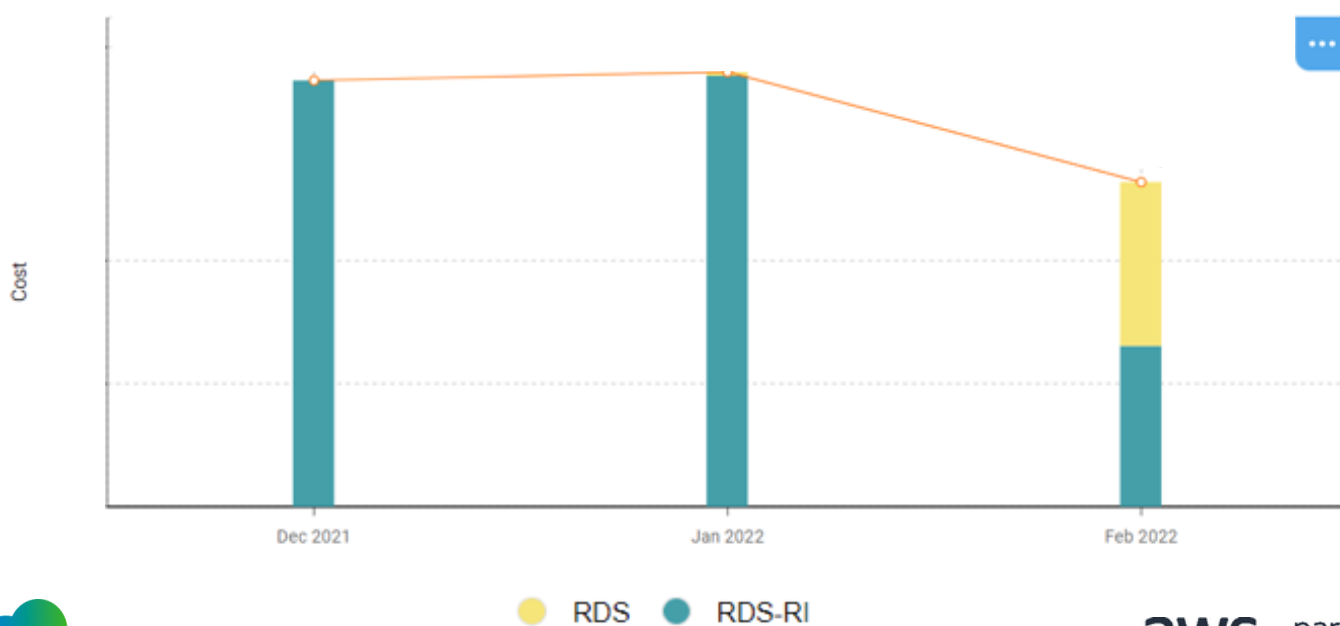
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THE RESULT

EC2 Reduction



RDS Reduction



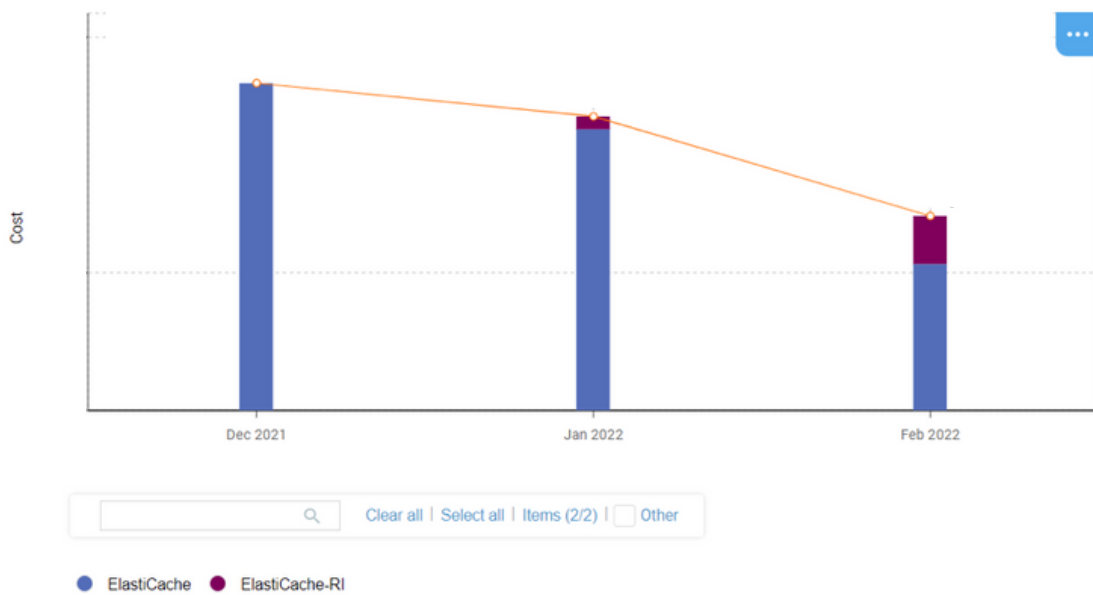
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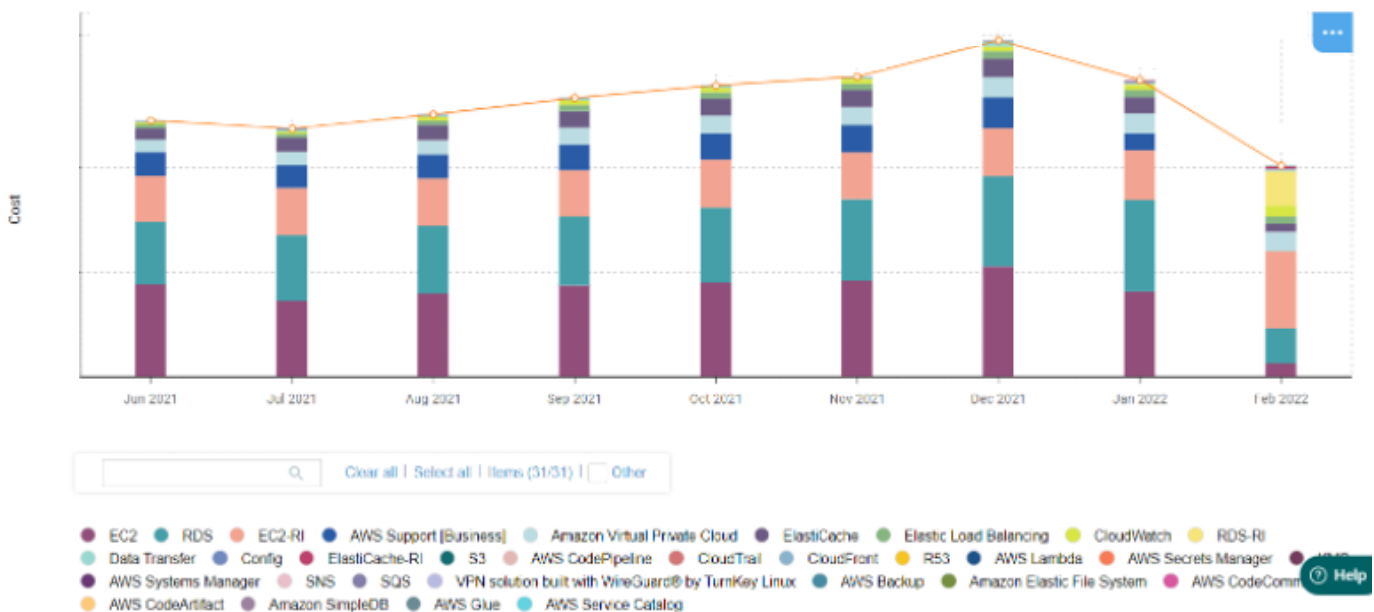
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THE RESULT - CONT.

ElastiCache Decrease



Reduction of 38% of total usage from Dec 2021 to Feb 2022



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