Syndicate RightSizer:
Perfecting Cloud with Smart Recommendations

Syndicate
RightSizer

EPAM Syndicate RightSizer is an **AI-empowered offering** that **reviews the existing virtual instances** in terms of their configuration, workload, and lifecycle, and produces the following types of recommendations, all accompanied by expected cost savings/raise:

- Resize (scale up or scale down) instance – change the instance type within the current family
- Split – split a single instance workload into several instances, each facing a specific workload type for it.
- Schedule – create start/stop schedules for the instance to be cost effective without affecting its capacity.
- Shut down – terminate the instance due to the low to no load.

The solution API can be used for effective convenient integrations and additional visualization.

KEY DIFFERENTIATORS

BENEFITS

- Multi-Cloud: Supports AWS, Azure, GCP, OpenStack clouds. All reports are delivered in a unified format for convenient processing.

- Customizable: The possibility to customize thresholds and timeframes allows analytics fine-tuning for specific workloads.

- Large historical data: Use the performance data for up to 60 days to detect long-cycle patterns for better results.

Quick Start

Visible cost changes

Cross-cloud unification

Data obfuscation

AI-empowered recommendations

User-approved changes

FEATURES

AI-Empowered Engine

Analyses instances' daily workload and capacity to figure out if any optimization is possible

Multiple recommendation types

Receive suggestions on up/down scaling, scheduling, splitting the workload or shutdown

Expected savings

For each recommendation, get an expected monthly savings

Large timeframes for better results

Analyses the data for up to 60 days which increases the accuracy of the recommendations (as compared to the tools with the shorter timeframe coverage)

Small underlying infrastructure

The product needs two EC2 instances and two S3 buckets, with minimum permissions

Data obfuscation

The possibility to cover the details of the vulnerable resources during the processing, without exposing the vulnerabilities to third-party tools
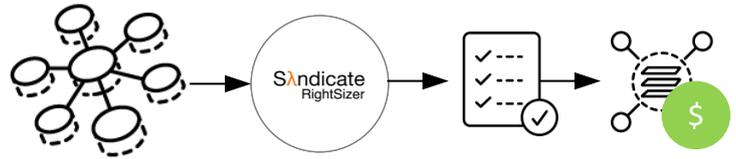
CHALLENGE

An enterprise has virtual infrastructure that needs to be regularly reviewed to be cost effective, safe, and efficient. The lack of automation and unification across multiple clouds makes this even harder, and human error can lead to mistakes.

This can affect both the review and planned changes, and make them less effective.

Thus, there is a need for a system that can automate virtual instances reviews, and suggest effective resizing and lifecycle management in a convenient and unified way.

SOLUTION

EPAM Syndicate RightSizer collects information about virtual instances configuration and performance across public clouds, and provides recommendations, aimed at configuration and lifecycle changes to result into performance and cost effectiveness increase.

Each recommendation is accompanied by an estimation of the change affect on the infrastructure cost.

Initially provided in .CSV files, the reports can be easily restiled into a more convenient format, or processed for a detailed analysis.

PURCHASE OPTIONS

OPEN SOURCE

Get an Open Source version to investigate the tool capabilities and estimate its value for your business

FREE
- Recommendations for VMs,DBs,K8S
- 7 days analytics depth
- Unlimited recommendations

BASIC OPTIMIZATION

Best match for Startups who need assistance with optimization

$3000/month
- Recommendations for VMs, DBs, K8S
- 14 days analytics depth
- Unlimited recommendations

- 4 technical support hours
- 2 business days support reaction time
- 16 rightsizing expert hours

STANDARD OPTIMIZATION

Option to have a reliable analytics support of the software

$6400/month
- Recommendations for VMs, DBs, K8S
- 45 days analytics depth
- Unlimited recommendations

- 16 technical support hours
- 8 hours support reaction time
- 32 rightsizing expert hours

ENTERPRISE OPTIMIZATION

Maximize the benefit of the optimization mechanisms with maximum support from a dedicated team

$14000/month
- Recommendations for all resource types
- 90 days analytics depth
- Unlimited recommendations

- Dedicated support expert
- Initial support reaction
- Dedicated rightsizing expert

REQUEST SYNDICATE RIGHTSIZER

Syndicate RightSizer – Perfecting Cloud with Smart Recommendations

SYNDICATE RIGHTSIZER REPO

Syndicate Rule Engine – RightSizer Repo