

SOFTSERVE COST OPTIMIZATION ACCELERATOR

POWERED BY AWS GRAVITON

Your organization's budget is more constrained than ever. While it is no secret cost containment is always at the forefront of standard business practices, recent economic landscape changes drive organizations across all verticals to prioritize their cost-saving initiatives.

Starting now, it is vital for you to better understand how you can optimize cloud spending and find cloud savings, without degrading your workload or business application performance.

YOUR CLOUD WORKLOADS GET THE BEST PRICE PERFORMANCE AND PERFORMANCE/WATT OF ENERGY USE

Easy to deploy and run, built on top of EC2 instance, and available at the [AWS Marketplace](#), **SoftServe Cost Optimization Accelerator (COA)** helps you identify potential unrealized cloud savings — up to 40% of infrastructure costs — in your AWS account. COA scans your AWS account and looks for resources that benefit from migrating to the AWS Graviton processor.



- Graviton-based instances deliver **up to 40%** better price performance over comparable current generation **x86-based** instances for a broad spectrum of workloads.



- For sustainability and performance per watt of energy use, Graviton-based instances use up to **60% less** energy for the same performance than comparable EC2 instances.



- With SoftServe COA, you quickly get saving insight for services of **Amazon EC2, Amazon EBS, Amazon Relational Database Service (RDS), Amazon ElastiCache, Amazon OpenSearch, Amazon DocumentDB, and AWS Lambda.**

WHAT YOU GET

SoftServe COA generates reports with an exportable list of running services and potential cost-saving opportunities from migrating to the Graviton processor. This report helps you identify Graviton Quick Wins for cost optimization — at once save **up to 15%** — and milestones for your cost optimization roadmap — save **up to 40%** — with modernization to Graviton.

softserve

BENEFITS OF SOFTSERVE COA



Fully automated setup and discovery

Simply deploy SoftServe COA into your AWS account from [AWS Marketplace](#). Within minutes, analysis reports are ready for you.

Identify Quick Wins for cost, performance, and sustainability

For AWS-managed services like **Amazon RDS**, **Amazon ElastiCache**, and **Amazon OpenSearch** migration to Graviton processors, you get a **Quick Win**, as it does not require rearchitecting applications, needs minimal efforts, and imposes no risks. This kind of implementation takes three hours. For other **Quick Wins**, implementation takes from three hours to two weeks. (COA considers all limitations of ARM architecture.)



No privacy risks

Your personal information and data are not collected, stored, or sent anywhere. The tool is launched in your AWS account with limited and only necessary read-only permissions to discover cost-saving opportunities. You can only access this tool in your account. (There is an option to export reports and share them with a team of qualified cloud experts at SoftServe for analysis.)



No licensing fees

You only pay for any cost-tailored infrastructure used for COA.



GRAVITON QUICK WINS FOR COST OPTIMIZATION

You can analyze COA reports to better predict and manage cloud costs by migrating to AWS Graviton with the help of a team of qualified cloud experts at SoftServe.

instanceId	instanceName	avgCpuUtilization	maxCpuUtilization	Instance Platform	Intel InstanceType	Intel USD/Month	Graviton InstanceType	Graviton USD/Month	Savings USD/Month
i-01234567890123456	my-ec2-1	7.52	92.13	linux	r5.12xlarge	\$2177.28	r6g.12xlarge	\$1741.82	\$435.46
i-02345678901234567	my-ec2-2	7.64	84.9	linux	r5.12xlarge	\$2177.28	r6g.12xlarge	\$1741.82	\$435.46
i-03456789012345678	my-ec2-3	7.57	89.27	linux	r5.12xlarge	\$2177.28	r6g.12xlarge	\$1741.82	\$435.46
i-04567890123456789	my-ec2-4	7.39	95.24	linux	r5.12xlarge	\$2177.28	r6g.12xlarge	\$1741.82	\$435.46
i-05678901234567890	my-ec2-5	7.47	91.85	linux	r5.12xlarge	\$2177.28	r6g.12xlarge	\$1741.82	\$435.46
i-06789012345678901	my-ec2-6	7.56	93.61	linux	r5.12xlarge	\$2177.28	r6g.12xlarge	\$1741.82	\$435.46
i-07890123456789012	my-ec2-7	7.62	94.7	linux	r5.12xlarge	\$2177.28	r6g.12xlarge	\$1741.82	\$435.46
i-08901234567890123	my-ec2-8	7.44	86.63	linux	r5.12xlarge	\$2177.28	r6g.12xlarge	\$1741.82	\$435.46
i-09012345678901234	my-ec2-9	7.39	87.75	linux	r5.12xlarge	\$2177.28	r6g.12xlarge	\$1741.82	\$435.46
i-10123456789012345	my-ec2-10	7.65	99.6	linux	r5.12xlarge	\$2177.28	r6g.12xlarge	\$1741.82	\$435.46

SoftServe is a digital authority that advises and provides solutions at the cutting edge of technology. We reveal, transform, accelerate, and optimize how enterprises and software companies do business. Our end-to-end approach and expertise deliver innovation, quality, and speed across verticals, including healthcare, retail, energy, manufacturing, and financial services. We empower enterprises and software companies to re-identify differentiation, accelerate solution development, and vigorously compete in today's marketplace — no matter where you are in your journey.

NORTH AMERICAN HQ

+1 866 687 3588 (USA)
+1 647 948 7638 (Canada)

EUROPEAN HQ

+44 (0)203 807 0141

info@softserveinc.com
www.softserveinc.com



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