

Page 3 of about 10,500 results (0.65 seconds)

### [awslabs/aws-serverless-java-container - GitHub](#)

[https://github.com](#) › [awslabs](#) › [aws-serverless-java-container](#) › [issues](#) ▼

Feb 1, 2019 - [https://forum.serverless.com/t/aws-lambda-coldstart-springboot-...](#)

LambdaContainerHandler : Starting **Lambda** Container Handler ..... This is not necessarily a criticism of Spring - the framework was built for runtime **performance** on a ... Next, something that we could **experiment** with (I have not tried this ...

### [Deploying Next.js on AWS Lambda - DEV Community](#)

[https://dev.to](#) › [slotlocker](#) › [deploying-nextjs-on-aws-lambda-4f9b](#) ▼

Aug 16, 2018 - Js applications on **Lambda** with a working code example. ... Nobody wants 2AM pagers on downtime/degraded **performance**. ... The **serverless** config accepts a bunch of environment variables and parameters that ... As we started to **experiment** with setting up the Next.js application on AWS **Lambda**, we ...

### [How Shamrock transacts billions of dollars with Serverless ...](#)

[https://serverless.com](#) › [blog](#) › [shamrock-transacts-billions](#) ▼

Nov 3, 2017 - See how Shamrock's **serverless** invoicing system handles billions of dollars of ... workload using the **Serverless** Framework and AWS **Lambda**. ... the new system, and how much happier customers are with its **performance**. .... The ability for developers to test and **experiment** and get stuff out there is huge.

### [\[PDF\] An Efficient Scheduler for Serverless Functions - Stony Brook ...](#)

[https://www3.cs.stonybrook.edu](#) › [~anshul](#) › [wosc19](#) ▼

20 cents per million invocations (per AWS **Lambda** [3]), makes **serverless** a very ... and evaluate its **performance** on a 10-VM **serverless** cluster. FnSched is primarily ..... mentation has been ported from Rodinia [5], a GPU **benchmark** suite. ... by a scheduler over the duration of the **experiment**, and acts as a proxy for the ...

### [Serverless Status Issue 83: January 11, 2019](#)

[https://serverless.email](#) › [issues](#) ▼

Jan 11, 2019 - Injecting Chaos to AWS **Lambda** Functions using **Lambda** Layers — "how to deploy a small chaos engineering **experiment** using **Lambda** Layers to ... Monitor AWS **Lambda** Usage and **Performance** — Track latency and errors ...

### [Past Events | Serverless Boston \(Boston, MA\) | Meetup](#)

[https://www.meetup.com](#) › [Serverless Boston](#) › [Events](#) ▼

Past Events for **Serverless** Boston in Boston, MA. ... and handy little cheat codes to build secure, high-scale, high-**performance** **serverless** applications ... and is often equated with Functions as a Service (FaaS) platforms like AWS **Lambda**. ... platforms, an increased demand for data, and **experiment**-driven business models.

### [\[PDF\] Serverless Computing - Department of Computer Science](#)

[https://www.cs.colostate.edu](#) › [~shrdeep](#) › [papers](#) › [ServerlessComputing-I...](#) ▼

by W Lloyd - [Cited by 47](#) - [Related articles](#)

function(s)-as-a-Service (FaaS) to end users while promising reduced hosting ... which influence microservice **performance** afforded by **serverless** computing. .... AWS **Lambda** and Google Cloud Functions allow users to specify a ... database **benchmark**. ..... **experiment** the average number of requests per hosts was just. 1.8!

### [Secure and Manage AWS Lambda Endpoints with Kong ...](#)

[https://konghq.com](#) › [blog](#) › [secure-and-manage-aws-lambda-endpoints-wi...](#) ▼

Aug 29, 2017 - Deliver **performance** needed for microservices, service mesh, and cloud native deployments. ... Kong can help you secure and manage your AWS **Lambda** services. ... If you haven't heard of AWS **Lambda**, it's a **serverless** computing .... **Experiment** with adding some additional plugins to add security and ...

### [Quarking Drools: How we turned a 13-year-old Java project ...](#)

[https://developers.redhat.com](#) › [blog](#) › [2019/03/14](#) › [quarking-drools-how...](#) ▼

Mar 14, 2019 - ... rule engine, to make it part of the cloud and **serverless** revolution. ... About one year ago, for **performance** reasons, we decided to go ... For instance, because the new model

## Real World Serverless: The Video - The Cloudflare Blog

<https://blog.cloudflare.com/real-world-serverless-the-video> ▼

Sep 30, 2018 - We held our second Real World **Serverless** event in London last week and .... If you guys are familiar with AWS **lambda**, that's **serverless**. ..... "I'm not running SSDs, I only care about **performance**, Amazon is running the SSDs. .... We like to **experiment** with lots of things like changing layouts and stuff and we ...

## jonathanschwrz/faas: Results from my master thesis ... - GitHub

<https://github.com/jonathanschwrz/faas> ▼

**Performance** analysis of open-source **serverless** platforms ... Besides proprietary, closed-source **serverless** solutions like Amazon **Lambda** [2], Google Cloud ... The SPEC **serverless** defined already criteria for a **benchmark** and is working on an ... The **experiment** will consist of several **performance** tests which will verify or ...

## [PDF] Adaptive Event Dispatching in Serverless Computing ... - arXiv

<https://arxiv.org/pdf> ▼

by M Stein - 2019 - [Related articles](#)

Jan 10, 2019 - A Maximum arrival rate of a function in an **experiment** ... FaaS Function-as-a-Service .... is to find a demand scheduling that fits all applications' **performance** requirements. .... by the Amazon **Lambda** (**serverless**) service.

## [PDF] A Language-based Serverless Function Accelerator - arXiv

<https://arxiv.org/pdf> ▼

by E Herbert - 2019

Nov 8, 2019 - In Containerless, a **serverless** function starts execution in a container, and ..... to develop a **serverless benchmark** suite, perhaps with an effort similar to ... For our first **experiment**, we measure invoker **performance** with and ..... From Laptop to **Lambda**: Outsourcing Everyday Jobs to Thousands of. Transient ...

## Programming - Posts, Stories, Musings, and How-Tos ...

<https://www.jeremydaly.com/programming> ▼

Dec 7, 2018 - **Serverless** Tip: Don't overpay when waiting on remote API calls ... Regardless how they're executed, the **Lambda** functions calling them need to stay running while they wait for a response ... In this post we'll look at the impact of memory configuration on the **performance** of remote .... Freedom to **experiment**.

## An Introduction to Serverless Microservices - Jeremy Daly

<https://www.jeremydaly.com/an-introduction-to-serverless-microservices> ▼

Sep 25, 2018 - Add **serverless** event-driven architecture into the mix, eliminating the idea of .... which can dramatically increase **performance** and reduce overall costs. ... through an API Gateway, or we could use a framework like **Lambda** API. .... However, starting to **experiment** and slowly replacing parts of your monolith ...

## [PDF] SOCK: Rapid Task Provisioning with Serverless ... - Usenix

[https://www.usenix.org/conference/protected-files/atc18\\_slides\\_oakes](https://www.usenix.org/conference/protected-files/atc18_slides_oakes) ▼

by E Oakes - [Cited by 38](#) - [Related articles](#)

with **Serverless**-Optimized Containers. Edward Oakes, Leon ... <https://github.com/open-lambda> .... What are the **performance** costs of container ... **Experiment**.

## [PDF] Exploiting Cloud Services for Cost-Effective, SLO ... - Usenix

<https://www.usenix.org/system/files/atc19-zhang-chengliang> ▼

by C Zhang - 2019 - [Cited by 5](#) - [Related articles](#)

Jul 10, 2019 - tions, IaaS offers the best **performance**-cost ratio for inference ... FaaS to quickly fill the service gap when the system is un- ..... As for the **serverless** computing service **Lambda** [3], ..... believe that the Twitter traces serve as a good **benchmark**, .... models, and each **experiment** lasts about 4 hours on AWS. In.

## How to get headless Chrome running on AWS Lambda ...

<https://medium.com/running-headless-chrome-on-aws-lambda-fa82ad33...> ▼

Mar 17, 2017 - Introduction; Building headless Chrome for AWS **Lambda**; Using headless ... I'm a fan of AWS **Lambda**, "**serverless**" and FaaS in general and as a ..... Try it—**experiment** with some of the other domains. ... We've disabled shared memory in /dev/shm which means Chrome can't utilise tmpfs for **performance** ...

## TCP/IP over Amazon Cloudwatch Logs - clog - Medium

and engineering teams around different limitations of serverless ... tags as a transport that has slightly better performance results.

### If TDD is Zen, adding Serverless brings Nirvana - Dev.to

<https://dev.to/ledfusion/if-tdd-is-zen-adding-serverless-brings-nirvana-...>

Jul 20, 2018 - Lambda functions encourage to write granular, clean and specific API operations. ... serverless create --template aws-nodejs --path my-api cd my-api ..... We'll check performance back when our code is deployed. ... If you want to experiment with the code of the article, feel free to clone the starter repo from ...

### Data API for Amazon Aurora Serverless | Hacker News

<https://news.ycombinator.com/item>

With this, VPC is no longer needed from lambda call to RDS, and this means that .... to experiment with that a bit to measure concurrent connection performance.

### Architecture update for Serverless CMS with AWS and Hugo ...

<https://nickmchardy.com/2019/03/architecture-update-for-serverless-c-...>

Mar 30, 2019 - Serverless CMS Architecture in 2019 using AWS, Hugo, Lambda and ... could run an experiment if I wanted to; Loads of Lambda@Edge to do security ... Some performance tweaks were also made along the way, with the most ...

### [PDF] Reproducing Scientific Experiment with Cloud DevOps - arXiv

<https://arxiv.org/pdf>

by F Zhao - 2019

Oct 28, 2019 - Abstract—The reproducibility of scientific experiment is vital for the advancement of ... their experiment result with others in a more reliable way. .... experiment is run on AWS Lambda, which is a Serverless infrastructure provided by Amazon. [16]. .... performance for sequence comparison," in Proceedings.

### [PDF] BARISTA: Efficient and Scalable Serverless Serving ... - arXiv

<https://arxiv.org/pdf>

by A Bhattacharjee - 2019 - Cited by 1 - Related articles

Apr 11, 2019 - as-a-service (FaaS) approach to hosting these services in an event-driven manner, wherein the ... to overlook performance interference issues from other co- ... sibility of using serverless computing AWS Lambda frame- work [15]. .... the worst-case scenario based on our experiment) if a latency- sensitive ...

### Ambitious Data Science Can Be Painless · Harvard Data ...

<https://hdr.mitpress.mit.edu/pub>

by H Monajemi - Cited by 2 - Related articles

Jun 22, 2019 - Still, at the moment, starting a massive experiment using cloud resources ... FaaS (Functions-as-a-Service) is a collective name to designate cloud ... in the performance of predictive models, but in the scientific process itself. .... and serverless computing services such as AWS Lambda and Azure Functions.

### serverless/blog - GitHub

<https://github.com/serverless/blog/blob/master/posts/2018-02-1-...>

Feb 14, 2018 - Part 1: GraphQL endpoints with API Gateway + AWS Lambda (this post); Part 2: ... aggregate and paginate through data and with high performance? ..... It added some latency, but they were able to experiment with product ...

### Aurora Serverless Probably Runs On Blockchain - Last Week ...

<https://www.lastweekinaws.com/newsletter/aurora-serverless-probably-r-...>

Arcentry talks about their (not so smooth) journey productising a serverless app on AWS. ... A revision to an old article on Centralised logging for AWS Lambda, ... Screaming in the Cloud Episode 22: The Chaos Engineering experiment that is us-east-1. ... Performance Insights is Available for Amazon Aurora with MySQL ...

### Building Resilient Serverless Systems - InfoQ

<https://www.infoq.com/serverless-resiliency-infrastructure-as-code>

Aug 3, 2019 - John Chapin explains how to use serverless technologies and an ... We can spin up an experiment that'll handle a billion requests a day, if we don't like the results ... If we hand off all of our operations to the Lambda Service team, .... what we're also going to get from that is much better performance, from the ...

### Will Serverless End the Dominance of Linux in the Cloud?

On the Performance Challenges of FaaS Cloud Architectures, ...

## Serverless Multiple Providers

[jar.dsz-maecenata.de](https://jar.dsz-maecenata.de/serverless-multiple-providers) › [serverless-multiple-providers](#) ▼

A **serverless** cost calculator can be used for a quick comparison of **FaaS** offerings from ... A Primer on **Serverless** Computing: AWS **Lambda** vs Google Cloud Functions ... In this post I describe how I improved the build **performance** of my ASP. ... To understand the **experiment** better, let's look at a very simplistic but still useful ...

## Serverless GraphQL Architecture With Graphcool | Nordic APIs |

[https://nordicapis.com](https://nordicapis.com/serverless-graphql-architecture-with-graphcool) › [serverless-graphql-architecture-with-graphcool](#) ▼

Feb 15, 2018 - **Serverless** GraphQL Architecture With Graphcool .... the necessary data, a boon for application **performance** and mobile data ... Burk points out that Functions as a Service (**FaaS**) are the natural ... There are many services available to aid in the deployment of **FaaS**, including AWS **Lambda**, Microsoft Azure, ...

## Improved VPC Networking for AWS Lambda | Hacker News

[https://news.ycombinator.com](https://news.ycombinator.com/item) › [item](#) ▼

Sep 4, 2019 - It allows devs to create "**serverless**" apps [1], with relational ... I have tried building an API using API Gateway <-> **Lambda**, but had to ..... What's the process for giving developers access to **experiment**? ..... If they did their job with **performance** (which I trust Amazon devs to do), there should be no difference.

## [PDF] FaaSter, Better, Cheaper: The Prospect of Serverless ...

[https://blog.zhaw.ch](https://blog.zhaw.ch/icclab/files/2014/07/faaster-better-cheaper-slides) › [icclab](#) › [files](#) › [2014/07](#) › [faaster-better-cheaper-slides](#) ▼

by J Spillner - [Cited by 31](#) - [Related articles](#)

Sep 21, 2017 - FaaSter, Better, Cheaper: The Prospect of **Serverless** Scientific Computing and HPC ... **performance** computing. nVidia DGX for ... Amazon EC2 (virtual machines) and **Lambda** (functions) general-purpose ... **Experiment** Setup.

## (PDF) Serverless computing for container-based architectures

[https://www.researchgate.net](https://www.researchgate.net/publication/322827564_Serverless_computi...) › [publication](#) › [322827564\\_Serverless\\_computi...](#)

Feb 5, 2018 - However, **serverless** services, such as AWS **Lambda**, impose serious .... case study where **performance** of executions in AWS **Lambda** are .... provider are: i) **Serverless** service, also known as Functions as a Service (**FaaS**), responsi- ..... **experiment** we created three different function types: the minideb type ...

## AWS Lambda – use recursive function to process SQS ...

[https://medium.com](https://medium.com/theburningmonk-com/aws-lambda-use-recursive-f...) › [theburningmonk-com](#) › [aws-lambda-use-recursive-f...](#) ▼

But, if you're itching to use AWS **Lambda** with SQS and don't wanna wait an unspecified ... and write a recursive **Lambda** function in Node.js using the **Serverless** framework. .... (p.s. you can find the source code for the **experiment** here.) ..... tracing with X-Ray; tracking correlation IDs; **performance** & cost optimization; error ...

## Going Serverless? Compare Your FaaS Options - DZone Cloud

[https://dzone.com](https://dzone.com/articles/going-serverless-compare-your-faas-options) › [articles](#) › [going-serverless-compare-your-faas-options](#) ▼

Dec 5, 2017 - This comparison of **serverless**/**FaaS** providers includes Google App Engine, ... Microservices · Open Source · **Performance** · Security · Web Dev ... "**serverless**" existed as a word, and even before **Lambda**, there was Google's App Engine. ... knowledge looking for a service to **experiment** with, then it's perfect.

## More Than Functions - Serverless Observability Webinar ...

[https://epsagon.com](https://epsagon.com/blog/more-than-functions-serverless-observability-...) › [blog](#) › [more-than-functions-serverless-observability-...](#) ▼

Nov 1, 2018 - "More than Functions", a discussion about the future of **serverless** and ... domain experts in the world of cloud computing in general, not just AWS **lambda**. .... issues, how to understand **performance**, this can be very complicated. .... of it, and if you can think in those terms, then you can start to **experiment**.

## What should VCs look for in FaaS startups - By - Hacker Noon

[https://hackernoon.com](https://hackernoon.com/what-should-vcs-look-for-in-faas-startups-d20b2...) › [what-should-vcs-look-for-in-faas-startups-d20b2...](#) ▼

**FaaS**: A form of **Serverless** computing that allows for the execution of ... SP's include AWS **Lambda**, Iron.io, GCP Cloud Functions, Azure Functions etc. ... something like an Iron.io billing themselves as high-**performance** and flexible or ... As a fun **experiment**, take Kafka, stream a million topics to it, and see how it degrades.

## Cold Starts Beyond First Request in Azure Functions | Mikhail ...

## PHP and Amazon Lambda – Alan Storm

<https://alanstorm.com> › [php-and-amazon-lambda](#) ▼

Nov 1, 2018 - ... art for PHP and Amazon's **Lambda** (i.e. **Serverless**, i.e. Amazon will run a function ... To run PHP we must add the PHP binary in the **lambda** and have, ... in CGI caveperson days), and that it comes with a 20ms **performance** penalty. ... like Bref is the way to go if you want to **experiment** with PHP in **Lambda**.

## AWS Webinar Series

<https://aws.amazon.com> › [about-aws](#) › [events](#) › [emea-english-webinar-series](#) ▼

Find out how in this deep dive session on AWS **Lambda**, which allows you to ... Join us on the day and take your **serverless** computing strategy to the next level.

## 2019 - Amazon Web Services

<https://aws.amazon.com> › [about-aws](#) › [whats-new](#)

AWS will automatically create the **Lambda** function, IAM role, and IAM permissions .... The AWS **Serverless** Application Model Command Line Interface, SAM CLI, now .... Amazon RDS **Performance** Insights Supports SQL-level Metrics on Amazon Aurora ..... Amazon Inspector adds CIS **Benchmark** support for Windows 2016.

## GPU Enabled Serverless Computing Framework - Semantic ...

<https://www.semanticscholar.org> › [paper](#) › [GPU-Enabled-Serverless-Computi...](#)

In this paper, we propose a GPU-supported **serverless** computing framework that ... framework can deploy high-**performance** micro services and developers who want ... Application programming interface · Computer **performance** · **Experiment** ... the Cloud Using AWS **Lambda** and Monolithic and Microservice Architectures.

## AWS Lambda Warmer as Pulumi Component - Mikhail Shilkov

<https://mikhail.io> › ... ▼

Oct 10, 2018 - Functions in my second **experiment** are CPU-bound. ... **Performance** of ... AWS **Lambda**, Azure Functions, Google Cloud Functions are all similar in ... Whenever a **serverless** application needs to scale up, be it from 0 to 1 ...

## Lambda optimization tip – enable HTTP keep-alive - By Yan ...

<https://hackernoon.com> › [lambda-optimization-tip-enable-http-keep-alive-...](#) ▼

Feb 2, 2019 - AWS **Serverless** Hero. ... For this **experiment**, I wanted to see how well the HTTP keep-alive fared across multiple invocations and how much of ...

## [PDF] Performance Efficiency Pillar - Awsstatic

<https://d1.awsstatic.com> › [whitepapers](#) › [architecture](#) › [AWS-Performance-...](#) ▼

Amazon Web Services – **Performance** Efficiency Pillar AWS Well-Architected Framework. Page 1. Introduction ... Use **serverless** architectures: In the cloud, **serverless** architectures ... **Experiment** more often: With virtual and automatable resources, .... To deliver optimal **performance** with AWS **Lambda**, you should choose the.

## What Is AWS Lambda And Why You Need It In 2018 - Dashbird

<https://dashbird.io> › [blog](#) › [what-is-lambda-and-why-you-need-it-2018](#) ▼

Dec 29, 2017 - In short, AWS **Lambda** is a **Serverless** computing platform that ... you can be agile and **experiment** with your product or service more freely.

## Lambda support for OpenFaaS among wish-list items

<https://searchaws.techtarget.com> › [opinion](#) › [Lambda-support-for-OpenFaa...](#) ▼

Oct 11, 2018 - AWS **Lambda** addressed a big wish-list item with SQS support, but there are still ... with Fargate · **Experiment** with **Lambda** function execution times ... Based on user feedback, Amazon continues to evolve its **Lambda** **serverless** platform. ... **Lambda** support for that specific function as a service (FaaS) model.

## Learning Lambda – Part 9 - The Symphonium

<https://blog.symphonio.io> › [learning-lambda-part-9-7c8b902d4e54](#) ▼

Nov 16, 2017 - However one of the joys of **Lambda**, and **Serverless** in general, is the .... that has scaled particularly wide can impact the **performance** of every other **Lambda** ... Because of the behavior we saw in our **experiment** a couple of ...

## Serverless computation with openLambda - ACM Digital Library

<https://dl.acm.org> › [citation](#)

by S Handigood · 2016 · Cited by 105 · Related articles

### [PDF] CALIFORNIA STATE UNIVERSITY, NORTHRIDGE Analysis of ...

[scholarworks.csun.edu > bitstream > handle > Hoang-Andrew-thesis-2017](https://scholarworks.csun.edu/bitstream/handle/Hoang-Andrew-thesis-2017) ▼

by A Hoang - 2017 - Cited by 2 - Related articles

Serverless Architecture for Mobile Application Enablement ..... publicly available environments results in a very difficult platform to **experiment** on. ... months' time since this is a major area of development by FaaS vendors" (Roberts, 2017). .... in other AWS services, but testing **Lambda** **performance** and functionality through ...

### Show HN: Serverless Free Text Search with AWS Lambda ...

[https://news.ycombinator.com > item](https://news.ycombinator.com/item) ▼

Oct 17, 2018 - Show HN: **Serverless** Free Text Search with AWS **Lambda** (github.com) ... if we could build a cheaper elastic search alternative using a FaaS service model. ... It was a fun **experiment**, just deploy from the **Serverless** Repo and everything will ... Thanks, there's still a lot of **performance** improvements to make.

### Evaluation of AWS "Private Cloud" options for serverless ...

[https://blog.zhaw.ch > splab > 2019/05/21 > evaluation-of-aws-private-clo...](https://blog.zhaw.ch/splab/2019/05/21/evaluation-of-aws-private-clo...) ▼

May 21, 2019 - Evaluation of AWS "Private Cloud" options for **serverless** computing ... The FaaS side includes the **Lambda** runtimes and the deployment of resources according to the **Serverless** Application Model. .... **Performance**-wise, a back-of-the-envelope comparison with a quick and dirty **experiment** reveals that with ...

### FaaS vs. Microservices - DZone Microservices

[https://dzone.com > articles > faas-vs-microservices](https://dzone.com/articles/faas-vs-microservices) ▼

Dec 17, 2018 - ... IoT · Java · Microservices · Open Source · **Performance** · Security · Web Dev ... These days, "**serverless**" and "functions-as-a-service" (FaaS) have found .... and on-demand, you're able to more quickly **experiment**, try out ideas, and deliver ... Don't Build Your **Lambda** Function (FaaS) Application in Java.

### 4 Themes From the Open Source Leadership Summit (OSLS)

[https://medium.com > memory-leak](https://medium.com/memory-leak) ▼

Mar 9, 2018 - **Serverless** Has Captivated the DevOps Community ... managed solutions were the ones able to **experiment** with **Lambda** and create ... is a powerful value-proposition to improve application **performance** and user experience.

### Battle of the Serverless — Part 2: AWS Lambda Cold Start Times

[https://medium.com > battle-of-the-serverless-part-2-aws-lambda-cold-start...](https://medium.com/battle-of-the-serverless-part-2-aws-lambda-cold-start...) ▼

This **experiment** continues the work done in our pretend suite of microservices exposed via API Gateway to form an API with a code name of Slipspace in a mock ...

### A SPEC RG Cloud Group's Vision on the Performance ...

[https://dl.acm.org > citation](https://dl.acm.org/citation)

by E van Eyk - 2018 - Cited by 12 - Related articles

Apr 2, 2018 - As a key part of the **serverless** computing paradigm, Function-as-a-Service (FaaS) platforms enable users to run arbitrary functions without ...

### Design and Test Considerations for an AWS Serverless ...

[https://blog.corkhounds.com > 2018/02/11 > design-and-test-consideration...](https://blog.corkhounds.com/2018/02/11/design-and-test-consideration...) ▼

Feb 11, 2018 - ... I decided to **experiment** with an entirely **serverless** architecture using AWS API ... For starters, a **serverless** architecture precludes me from having to worry about ... to multiple AWS Regions for better **performance**/responsiveness. ... When you select the **Lambda** you want to use for a API Gateway Method, ...

### serverless | zulily Engineering Blog

[https://zulily-tech.com > category > serverless](https://zulily-tech.com/category/serverless) ▼

May 22, 2019 - What it is: **Lambda** is a **serverless** compute service that runs your ... Dynamo was the initial reason we chose to **experiment** with **serverless** for this project. .... Positives: To test our **performance** and latency before going live we ...

### [PDF] A Suite of Workloads for Serverless Cloud Function Service

[leaky.me > publications > function\\_workload](https://leaky.me/publications/function_workload) ▼

by J Kim - Cited by 1 - Related articles

Index Terms—workload; **serverless**; **benchmark**; FaaS; cloud ... For example, the **Lambda** service by AWS, which is ... calls to exclusively measure the **performance** of the target .... **experiment**, we vary the allocated memory size of the function.

**Serverless** web app for streaming browser webcam feed to Amazon Kinesis Video Streams and ... To decrease the lag, you can **experiment** with adjusting the No. ... all the **serverless Lambda** functions in Java to see if it improves **performance**.

### skyzyx/lambda-qr: QR Codes = Lambda + API ... - GitHub

<https://github.com/skyzyx/lambda-qr> ▼

Contribute to skyzyx/lambda-qr development by creating an account on GitHub. ... This is a **Serverless** app, written in Go (Golang), running in AWS **Lambda**, with API Gateway in front of it, and ... This is an **experiment**. ... is a strongly-typed language from Google that "blends the simplicity of Python with the **performance** of C".

### Serverless Architectures | Hacker News

<https://news.ycombinator.com/item> ▼

Jul 18, 2016 - One of the bigger problems with **serverless** architecture (beyond ... That said, the problem with debugging stands (for AWS **lambda**, at least). .... If you want to move to Google's **FaaS** offering, you have a lot of work ..... imho this is not an efficient model if sustained **performance** and low latency are of interest.

### Using DynamoDB Streams with Lambda and ... - Rockset

<https://rockset.com/live-dashboards-dynamodb-streams-lambda-elasticache> ▼

Aug 12, 2019 - DynamoDB Streams + **Lambda** + ElastiCache for Redis ... **Serverless** / quick to setup; **Lambda** leads to low data latency; Good query latency .... We can use the console's query editor to **experiment**/tune the SQL queries that ... scale query **performance** and concurrency dynamically as needed, enabling fast ...

### [PDF] Serverless Computing - Jose M Faleiro

[www.jmfaleiro.com/pubs/serverless-cidr2019](http://www.jmfaleiro.com/pubs/serverless-cidr2019) ▼

by JM Hellerstein - Cited by 37 - Related articles

**Serverless** Computing: One Step Forward, Two Steps Back. Joseph M. Hellerstein ... our discussion on the AWS **FaaS** framework, **Lambda**; offerings from Azure and GCP ..... AWS **Lambda's performance** for a common data-intensive application: machine ... implementation. The second **experiment** used ZeroMQ to replace.

### [PDF] An Effective Resource Management Approach in a FaaS ...

[essca2018.servicelaboratory.ch/essca18-slides-andreaschristoforou-scaled](http://essca2018.servicelaboratory.ch/essca18-slides-andreaschristoforou-scaled) ▼

by A Christoforou - Related articles

Outline. **Serverless** Computing. Motivation ... AWS **Lambda**. IBM Cloud ... resource management algorithms in a **FaaS** platform? RQ2: How ... **performance** by utilizing an exhaustive algorithm on a low demand ... **Experiment** al Process.

### Bref is backed by null, the company | Matthieu Napoli

<https://mnapoli.fr/bref-is-backed-by-null> ▼

Jun 6, 2019 - Bref is an open source project that helps build **serverless** PHP applications. I started the project in October 2017 after discovering AWS **Lambda**. Over time, the project turned from an **experiment** into a tool used in production ... Música has contributed a lot of improvements for high-**performance** applications, ...

### How to Write Your First AWS Lambda Function - DZone Cloud

<https://dzone.com/articles/how-to-write-your-first-aws-lambda-function> ▼

Jun 28, 2018 - AWS **Lambda** is a **serverless** computing platform that allows ... to check out this post comparing **performance** between Node.js, Java, C#, and Python. ... trial which will allow you to **experiment** with each of the examples below.

### Images for ("serverless" OR "faas") AND ("performance" OR "benchmark") AND "experiment" AND "lambda" after:2015-01-01



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Report images



by V Gupta - 2018 - [Cited by 11](#) - [Related articles](#)

Feb 22, 2019 - rithm for distributed matrix multiplication in **serverless** com- puting. ... high-  
**performance** computing to enable cost-efficient multipli- .... a 34% reduction in total compute  
time on AWS **Lambda**. ..... Throughout this **experiment**.

## Really Serverless Databases - serialized.net

<https://serialized.net> › 2018/07 › [serverless\\_db](#) ▼

Jul 5, 2018 - So, by 'really **serverless**', I mean "**lambda**-embedded databases. ... Embedded  
databases should have great **performance**, as there would be no .... A teaser for the **experiment**  
(which actually generated the above text):.

## A Deep Dive on AWS DeepLens - The New Stack

<https://thenewstack.io> › [deep-dive-amazon-deeplens](#) ▼

Dec 6, 2017 - To appreciate the architecture of DeepLens, you need to have a basic  
understanding of AWS IoT, AWS Greengrass, AWS **Lambda**, and ...

## [PDF] Towards High-Performance Serverless Computing - Istemi ...

<https://iakkus.github.io> › [papers](#) › 2018-atc-akkus ▼

by IE Akkus - [Cited by 35](#) - [Related articles](#)

Jul 13, 2018 - This paper presents SAND, a new **serverless** computing system that provides ...  
as-a-Service (**FaaS**), shifts the responsibilities of dynam- ically managing cloud ... ferings (e.g.,  
Amazon **Lambda** [1], IBM Cloud Func-. 0. 200. 400. 600 ..... out using them during the majority of  
our **experiment**. We also observe ...

## Apache Storm vs AWS Lambda | What are the differences?

<https://stackshare.io> › [stackups](#) › [aws-lambda-vs-apache-storm](#) ▼

Sep 13, 2019 - AWS **Lambda** - Automatically run code in response to modifications to ... Storm is  
fast: a **benchmark** clocked it at over a million tuples processed per second per node. ... services  
that operate at AWS scale, **performance**, and security. .... we needed to figure out **experiment**  
group allocations in real-time once ...

## [PDF] CSPOT - UCSB Computer Science

[www.cs.ucsb.edu](http://www.cs.ucsb.edu) › [~rich](#) › [publications](#) › [cspot-sec19](#) ▼

Nov 7, 2019 - IoT, **serverless**, cloud functions, append-only, portability, distributed systems ...  
commercially available **FaaS** in 2014 called AWS **Lambda** [7]. The platform was originally ..... To  
evaluate CSPOT **performance**, we **benchmark** the runtime .... us to perform the virtualized versus  
non-virtualized **experiment** on.

## [PDF] experiences of using serverless microservices on ... - LUTPub

<https://lutpub.lut.fi> › [bitstream](#) › [handle](#) › [thesis-huhtiniemi-2019-05-23](#) ▼

by P Huhtiniemi - 2019 - [Related articles](#)

This thesis presents concepts of microservices and **serverless** computing. .... (Amazon Web  
Services) launched their **FaaS** service called **Lambda** in 2014, ... management and things like  
scaling it for high **performance** needs might be. .... (2016) prove this in laboratory **experiment**,  
where as Adzic & Chatley (2017) present.

## Lambda - CTO Universe

<https://www.ctouniverse.com> › [lambda](#) ▼

Browse **Lambda** content selected by the CTO Universe community. ... Dashboards that Set your  
App Apart · **Experiment** Your Way to Product Success · Old Products, New Tricks · CTO .... What  
AWS **Lambda**'s **Performance** Stats Reveal .... **FaaS**[t] Growth with **Serverless** Computing: Cost  
Optimizing Your AWS **Lambda**.

## [PDF] Slides - Erwin van Eyk

[erwinvaneik.nl](http://erwinvaneik.nl) › [attachments](#) › [thesis-slides](#) ▼

"**Serverless** is more: From paas to present cloud computing. ... "The SPEC cloud group's research  
vision on **FaaS** and **serverless** architectures." WOSC, 2017. 4 ...

## How to minimize AWS Lambda Java cold starts - Driss Amri

<https://drissamri.be> › [blog](#) › 2019/05/19 › [minimize-aws-lambda-java-cold-st...](#)

May 19, 2019 - AWS **Lambda** can dynamically scale your function from 0 instances to as ... it's  
crucial to put it into perspective and focus on **performance** of warm instances. ... A **Serverless**  
Journey: AWS **Lambda** Under the Hood (SRV409-R1) - in ... This could be a good candidate for a  
Java developer to **experiment** with.



Jul 12, 2019 - Java vs NodeJS on AWS **Lambda**: **Benchmark** Survey ... infancy, the use of AWS **Lambda** (as well as other **serverless** frameworks) is still associated with a number of problematic issues, including **performance** and resource limits. ... We decided to conduct an **experiment** and implement one GET and one ...

### Build performance reports for your Apollo React Components ...

<https://hackernoon.com/build-performance-reports-for-your-apollo-react...> ▼

Jan 25, 2018 - an AWS **experiment** 🌟 ... We wanted to watch the **performance** of our GraphQL Ruby API over time and avoid UX/**performance** regression. ... AWS **Lambda** is a service that allow to create **serverless** functions. ... on custom code that's run in ephemeral containers (Function as a Service or "FaaS") [...].

### Use These Tools to Keep your AWS Lambda Cost Under ...

<https://www.concurrencylabs.com/blog/aws-lambda-cost-optimization-t...> ▼

May 16, 2017 - If you're planning to run AWS **Lambda** functions at scale, reading this ... This exercise involved a lot of manual work, so I decided to **experiment** with the AWS Price List API. ... I've made a lot of **performance** improvements to this tool and I'm .... More Options for **Serverless** Workflows in AWS - Step Functions ...

### Feature request: make it possible to keep docker container ...

<https://github.com/awslabs/aws-sam-cli/issues> ▼

Dec 22, 2017 - sanathkr added type/feature priority/2-important area/**lambda**-invoke labels on May 31, 2018 .... I did an **experiment** with container reuse. .... I think that would lead to the best **performance** since container creation overhead, and volume mount .... Support for warm local invokes **serverless/serverless**#6993.

### [PDF] High Performance Computing Lens - Awsstatic

<https://d1.awsstatic.com/whitepapers/architecture/AWS-HPC-Lens> ▼

**Performance** Computing (HPC) workloads on the AWS Cloud. HPC workloads run .... Users can rely on a managed service, like AWS Batch, or **serverless** AWS **Lambda** computing ... a small **benchmark** set or "toy problem." Since you will only .... Cloud computing makes it easy to **experiment** with infrastructure components.

### Using Workers To Make Static Sites Dynamic

<https://blog.cloudflare.com/using-workers-to-make-static-sites-dynamic> ▼

Aug 26, 2018 - They build **performance** marketing websites and tools, using Cloudflare to ... Paddy is a Web **Performance** enthusiast with an interest in **Serverless** Computing. ... The reason we were so keen to **experiment** with Workers is that for anyone .... While AWS **Lambda** is a strong contender we went with Workers ...

### Java performance tutorial – How fast are the Java 8 streams ...

<https://jaxenter.com/java-performance-tutorial-how-fast-are-the-java-8-st...> ▼

Jul 27, 2015 - In a cloud native world enamored with microservices and **serverless**, meet Quarkus ... to software developers (see Brian Goetz, State of the **Lambda**): .... The ultimate conclusion to draw from this **benchmark** **experiment** is NOT ...

### Running Google Lighthouse from AWS Lambda - Erez Rokah ...

<https://erezro.com/posts/2019-05-08-running-google-lighthouse-from-...> ▼

Aug 5, 2019 - Easily audit any site with Google Lighthouse using AWS **Lambda**. ... It has audits for **performance**, accessibility, progressive web apps, and more. ... I thought it would make a fun **experiment** to run Lighthouse audits using AWS **Lambda**. ... The next step was to use the **Serverless** framework to set up my layer.

### Function-as-a-Service Benchmarking Framework - Lancaster ...

[https://eprints.lancs.ac.uk/eprint/IEEE\\_Function\\_as\\_a\\_Service\\_Benchmarking](https://eprints.lancs.ac.uk/eprint/IEEE_Function_as_a_Service_Benchmarking)

by R Pellegrini - 2019 - [Related articles](#)

In the past, many **benchmark** tools have been developed and ... the overall **performance** of Cloud Functions and **FaaS** platform meets ..... and perturbation that could affect the **experiment**. A PCF and .... AWS **Lambda** - **Serverless** Compute.

### IBM Poised To Compete on 'Number of Levels' in Serverless ...

<https://www.idevnews.com/stories/IBM-Poised-To-Compete-on-Numbe...> ▼

The **serverless** space is enjoying growing attention and investments from ... **serverless** sector, drawing attention away in particular from Amazon **Lambda** and ... of app **performance**, functionality and user experience, according to Behrendt. ... for developers to **experiment** with the system with full control over HTTP traffic in ...

Nov 20, 2017 - **Serverless** deployment part of broader transformation. ... Bankwest has put a chunk of its new broker website on AWS' **Lambda serverless** compute as part of a ... of smaller cloud deployments to **experiment** with the different platforms, take ... customers are getting high **performance** and reliability, Weir said.

## Granular Computing and Network Intensive Applications - WISR

[wisc.cs.wisc.edu](https://wisc.cs.wisc.edu) › [papers](#) › [p157-Singhvi](#)

by A Singhvi - 2017 - [Cited by 8](#) - [Related articles](#)

Nov 30, 2017 - We **benchmark** Amazon's popular AWS **Lambda** ser- vice focusing on the ... that might help these applications to attain high **performance** ... In many ways, the **FaaS** or **serverless** architectures are well ..... In this **experiment**, we.

## epspiro | zulily Engineering Blog

<https://zulily-tech.com> › [author](#) › [epspiro](#) ▼

May 22, 2019 - What it is: **Lambda** is a **serverless** compute service that runs your ... Dynamo was the initial reason we chose to **experiment** with **serverless** for this project. .... Positives: To test our **performance** and latency before going live we ...

## Migrating an existing WebAPI into Serverless functions ...

[cennest.com](https://cennest.com) › [weblog](#) › [2017/06](#) › [migrating-an-existing-webapi-into-serv...](#) ▼

Jun 9, 2017 - We have been dabbling with **Serverless** computing for sometime now . Recently we ... AWS **Lambda** or Azure Functions. We aim to pen down ...

## Choosing the right amount of memory for your AWS Lambda ...

<https://medium.com> › [choosing-the-right-amount-of-memory-for-your-aw...](#) ▼

Dec 31, 2018 - With AWS **Lambda** there aren't many options needed for your functions to run. ... to AWS **Lambda**, I wrote a shell script that conducts the **experiment**. ... Unpredictable execution time is not something we want in a **serverless** environment. ... The Occasional Chaos of AWS **Lambda** Runtime **Performance** ...

## Getting started with OpenFaaS on Minikube - Liz Rice - Medium

<https://medium.com> › [getting-started-with-openfaas-on-minikube-8d51987...](#) ▼

Nov 18, 2017 - Install minikube; Install the OpenFaaS CLI (I did brew install **faas-cli** on my Mac); Install ... and for the purpose of my first **experiment** I decided to use one of these. ... will give totally acceptable **performance**, and it's absolutely find for a ... Cloud Functions or Azure Functions, or other **serverless** frameworks like ...

## Building a Simple Golang Serverless Recommendation ...

<https://medium.com> › [building-a-simple-golang-serverless-recommendatio...](#) ▼

Jul 30, 2019 - Building a Simple Golang **Serverless** Recommendation System on ZEIT Now with FaunaDB ... It is the language created for efficiency, **performance**, and multiprocessing. ... I also considered Amazon **Lambda**, but usually, I don't want to take a ... To start work on Recommendation as a Service **experiment** will ...

## [PDF] Granular Computing and Network Intensive Applications - WISR

<https://wisc.cs.wisc.edu> › [papers](#) › [p157-Singhvi](#) ▼

by A Singhvi - 2017 - [Cited by 7](#) - [Related articles](#)

Nov 30, 2017 - We **benchmark** Amazon's popular AWS **Lambda** ser- vice focusing on the ... that might help these applications to attain high **performance** ... In many ways, the **FaaS** or **serverless** architectures are well ..... In this **experiment**, we.

## Serverless/Lambda Drupal setup in AWS? : drupal - Reddit

<https://www.reddit.com> › [drupal](#) › [comments](#) › [serverlesslambda\\_drupal\\_s...](#) ▼

Oct 29, 2019 - My organization is looking into possibly building a new contract using **Lambda** AWS and going **serverless**. This mainly to reduce cost and no ...

## Next.js on AWS Lambda · Next.js - Spectrum.chat

<https://spectrum.chat> › [next-js](#) › [general](#) › [next-js-on-aws-lambda~9fbe795...](#) ▼

Aug 17, 2018 - I'm trying to make next.js work on AWS **lambda**. ... trying to find if someone hasn't released a more recent **experiment** using Next latest version :) ... Is there a way to get minimal next.js project that would work with **serverless**? ... For **performance** reasons I use the generated `records.json` file to generate the ...

## How to Choose the Right Cloud Deployment Model for your ...

<https://www.simform.com> › [Blog](#) › [Cloud](#) ▼



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their engineers needed a cloud deployment model which acts as a self-service platform they could use to **experiment**, deploy, and ...

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