



Serverless & Magento

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#mm18ro

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Hello!

Developer. Marketer. Dad.

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Agenda

- 1) What is serverless?**
- 2) Benefits of serverless.**
- 3) How would Magento benefit from serverless?**
- 4) Final thoughts.**

Serverless architecture

Develop software without thinking
about the infrastructure

5

*** actual serverless
datacenter**



6
—
x

“

So what's all the FaaS about?

$$\frac{7}{x}$$

Get it?

8



Fuss - FaaS

$$\frac{9}{x}$$

No?

10



Ok, I'll move on.

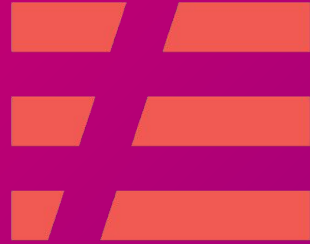
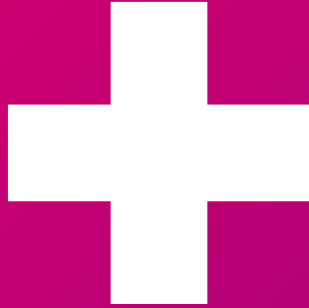


Benefits of serverless

- Pay for how much you use
- Low maintenance
- Simple & Easy to deploy
- Auto-scaling
- Zero-to-production speed

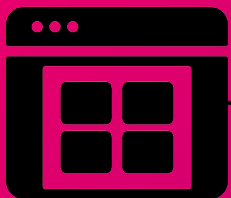


Magento™
Open Source eCommerce

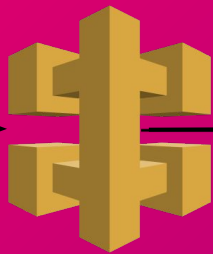


Serverless

Simple email with serverless



Source of
the trigger



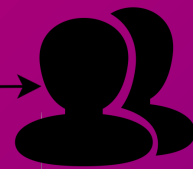
API
Gateway



AWS
Lambda



AWS
SES

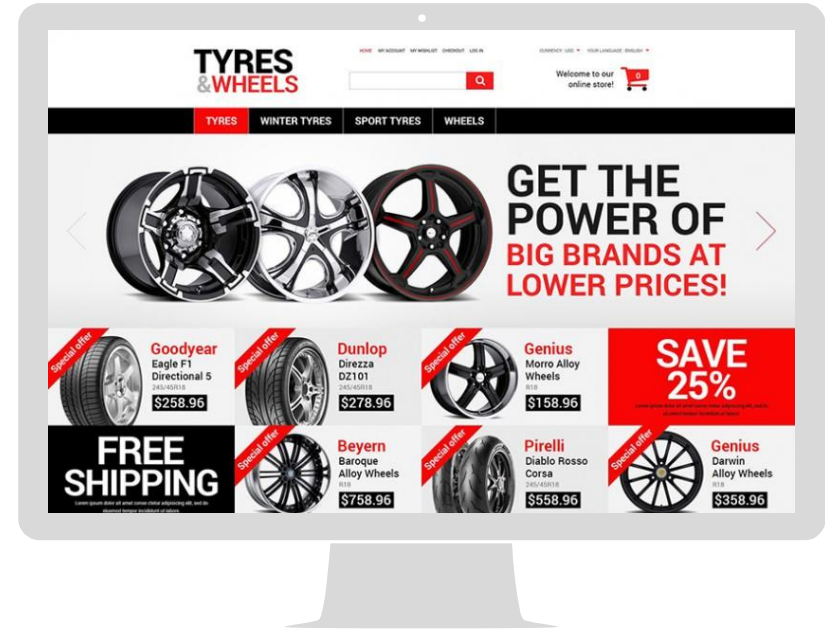


Happy
customers



Car parts store scenario

- Simple car parts shop
- 50000+ products
- Large client base
- High server load





**"Poor website performance is
now measured in terms of lost
customers and revenues"**
- Tom Lounibos, CEO, SOASTA

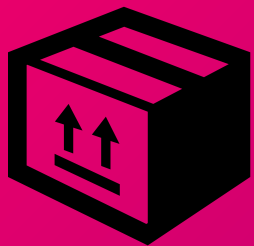
Zapier <3 serverless

- New Customer is created
- New Order comes in
- New Product is added
- Custom Event





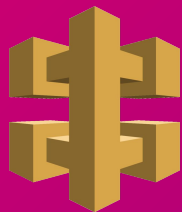
Zapier <3 serverless



New product
uploaded



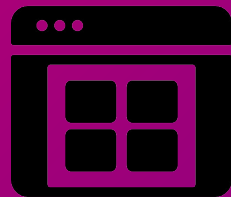
Stage enter
Zapier



API
Gateway
gets called



Lambda
does some
magic



Magento gets
the resized
images

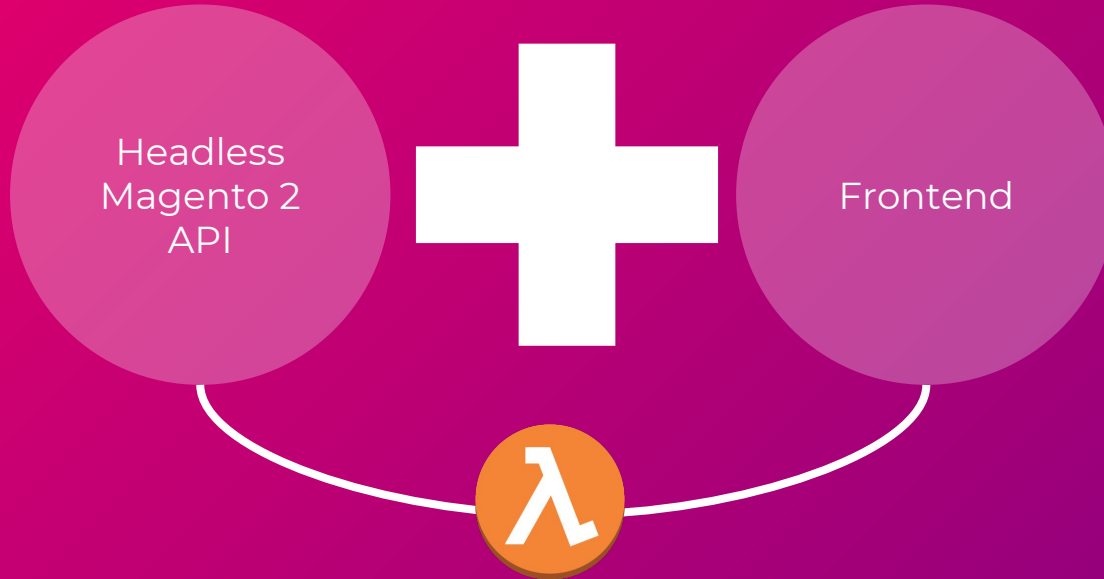
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Is that it?



Taking it a step ~~too far~~ further



Taking Magento 2 serverless!

Headless Magento 2

Will keep handling the Magento magic aka business logic of the store.

Proxy Layer

Will act as the middleman between the front end and the API. Probably NodeJS, but not necessarily.

Presentation Layer

Our front end can be built either in Angular, Vue, Vanilla JS, etc. The sky's the limit.

Conclusion

Lambda <3's Magento

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Thank you!

Stay awesome!

@johndemian