

The Future of Data Centers In a Serverless World

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We don't want
infrastructure, we
want a customer need
met.

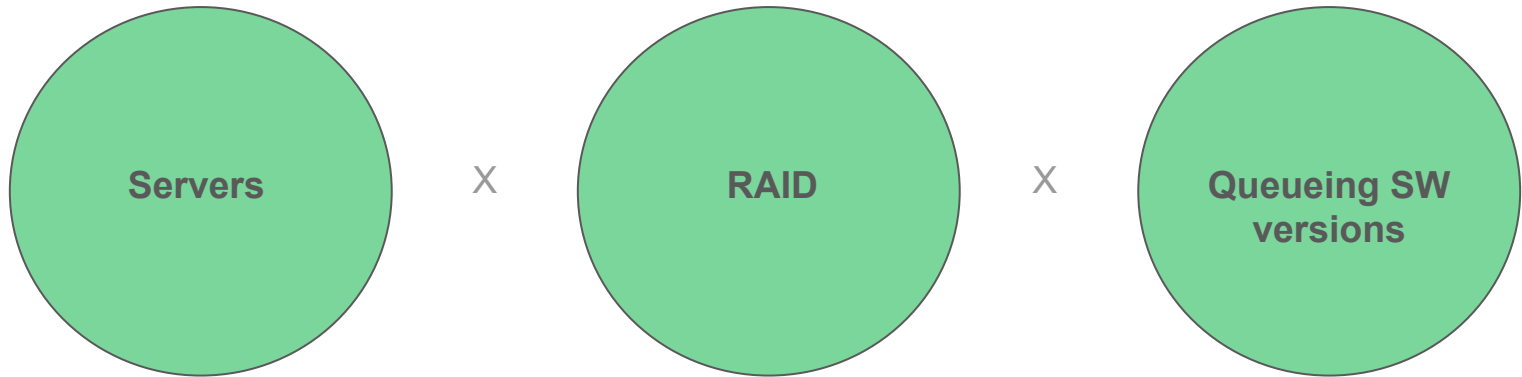
What does the business want/need?

Deliver real value to businesses

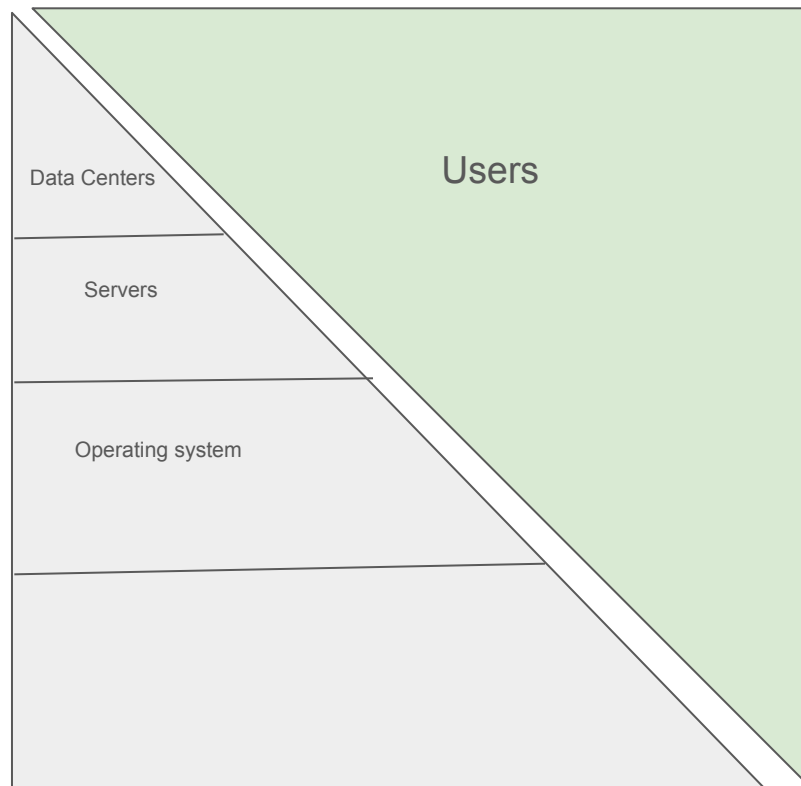
Everything else is a hidden tax we pay

- Agility
- Secure and reliable storage of data
- Secure and reliable processing of data at the point it is needed

Things a business doesn't care about



Last 20 years to the next 5 years



So Containers?

Best option for a more complex business
but still not abstract enough...

Require us to be concerned in
key areas:

- Capacity
- Network
- Version

What's the opportunity cost spending time on these?

Serverless is the future

Allowing us to focus on delivering value to users

BUT it needs to improve in three key areas:














- Language support
- Duration of code execution supported
- Startup latency

So what does this mean for the industry?

Future of the industry

It is not going to change overnight but we can expect:

- Expansion of DevOps/SRE roles
- Roles will be focused less on infrastructure and more on knowing code with be key

	TRADITIONAL	CURRENT	EMERGING
HOW	 Waterfall	 Agile	 DevOps
WHAT	 Monolithic Apps	 N-Tier Apps	 Microservices & APIs
WHERE	 Physical  BARE METAL	 VMs  VIRTUAL  PRIVATE	 Containers  PUBLIC & PRIVATE

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