Back from the Future: A Time Traveller's Take on Serverless

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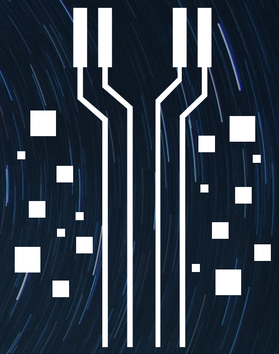
Serverless today focuses on async non-business critical tasks

Analytics

Image Processing



Event Processing

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What about real time APIs and services that support business critical tasks?

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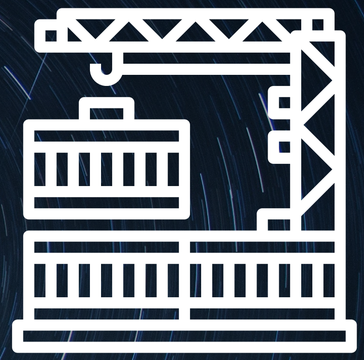
Suboptimal performance

Lack of full serverless ecosystem



Newer solutions still require resource management

Serverless: The Future

Tencent Cloud

Serverless: The Future

Execution without resource management

Containers != Serverless

Making the cloud more accessible

Moving from operators to developers

Databases no longer exist, replaced by application level data APIs

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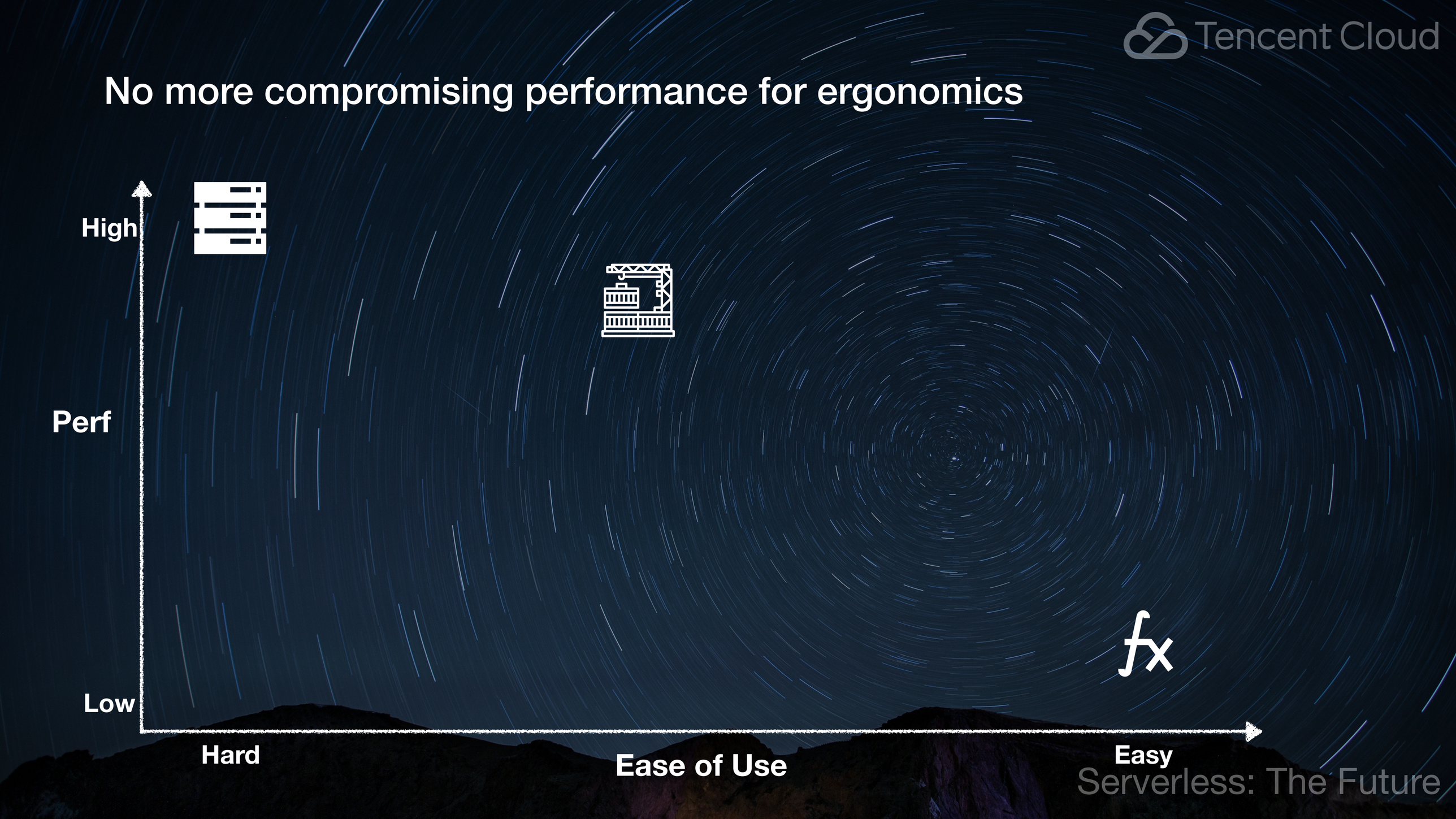
No more compromising performance for ergonomics



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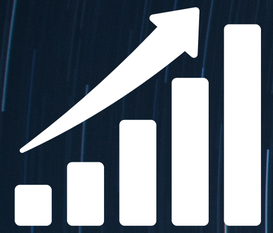

Advanced fine grained autoscaling

New OS & Virtualization Technologies

Economies of scale

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A glimpse into the future: WeChat + Tencent Cloud Serverless 2.0

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Tencent Serverless Cloud Function

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