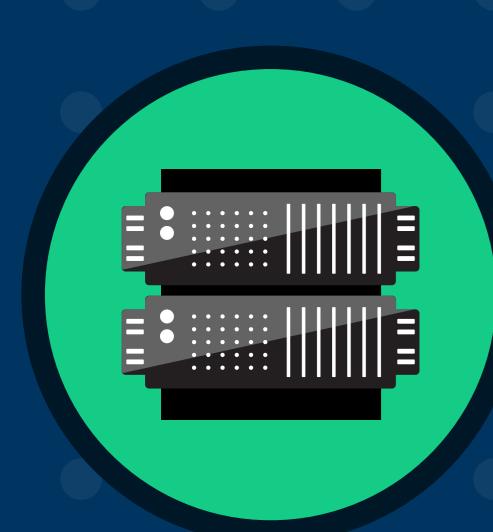
## SERVERLESS COMPUTING: HOW DID WE GET HERE?

Serverless is currently high on the hype cycle in the software development world, but the past few decades in computing have laid a foundation for its existence. Many software teams and individual developers still have good questions about serverless. How is it different than containers? More broadly, how did we get here? The answer has roots in the 90s with the advent of cloud computing, virtual machines, and a shift away from monoliths to microservices.

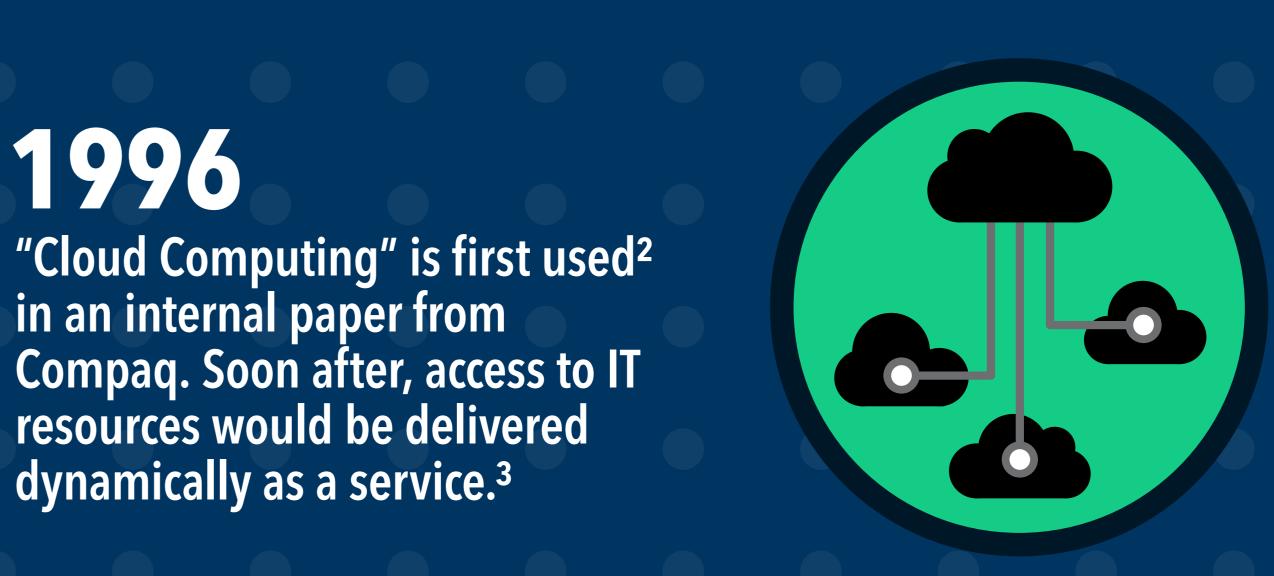
## LET'S TAKE A LOOK AT THE ORIGIN OF SERVERLESS:





1998

Bare-metal servers are ubiquitous. Apache HTTP server launches,1 quickly gaining popularity as the web server of choice for many software engineers. Datacenters emerge as the internet evolves.





Virtualization gains popularity and the core principles of cloud computing are solidified with the **launch of VMWare.⁴ The** development of modern virtual machines (VMs) begins.

1999

Salesforce launches as the first software-as-a-service (SaaS) CRM.5 The company was among the first to invest heavily in SaaS, paving the way for the demand of microservices over monolithic software.





2001 Service-oriented architecture gains

traction with the growing popularity of APIs. 17 developers publish the "Manifesto for Agile Software Development" as a model for faster software development.6





2006 AWS is born with its flagship product being EC2.8 Developers no longer need

access to server hardware before building enterprise software. This triggers the widespread growth of cloud infrastructure.

2008

proving their enterprise commitment. Microsoft launches Azure<sup>9</sup> the following year.

The Google Cloud Platform is

released under the "G Suite,"





limitations of VMs. Container technology gains popularity with the release of

Docker.<sup>10</sup> Kubernetes is released the following year as an answer to container orchestration demand.<sup>11</sup>

Containers emerge in response to the



as a way for software teams to build, manage, and scale rapid

serverless architecture.

Stackery launches in November<sup>15</sup>

first "serverless" event-driven computing platform. Microsoft Azure

Functions<sup>13</sup> and Google Cloud Functions are released.14

AWS Lambda is announced.<sup>12</sup> It is the

Jez Humble and David Farley publish

"Continuous Delivery." This concept



Stackery releases support for AWS Serverless Application Model<sup>16</sup> and Lambda Layers.<sup>17</sup> As a result, developers can build and deploy functions in multiple languages with limitless scalability.



The past 24 years have positioned us for limitless software development potential-complex application management can be a thing of the past and rapid scaling is easier than ever. Start managing your own serverless projects with Stackery.

## REFERENCES

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