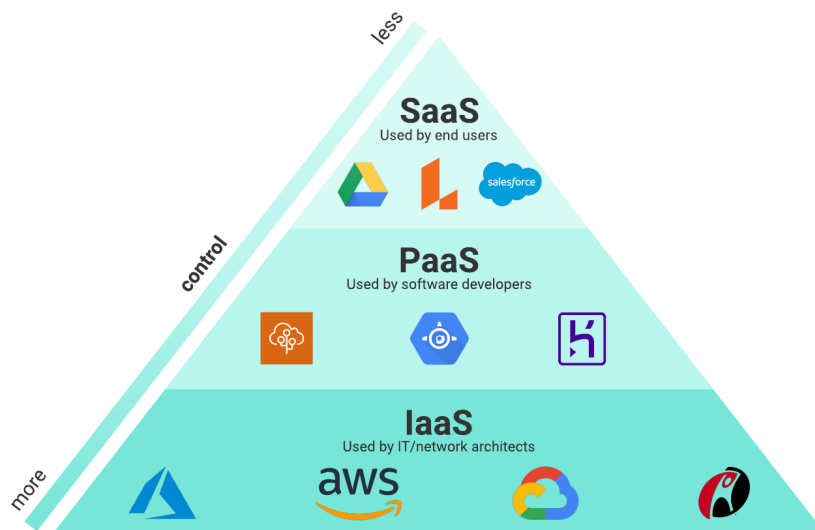


⚡ Current Skill What are the core element of Cloud Computing?

What are the core elements of cloud computing?

Cloud computing can be broken down into a number of different constituent elements, focusing on different parts of the technology stack and different use cases. Let's take a look at some of the best known in a bit more detail

1. Software as a Service **SaaS**
2. Infrastructure as a Service **IaaS**
3. Platform as a Service **PaaS**



What is Software as a Service?

Software as a Service (SaaS) is the delivery of applications as a service, probably the version of cloud computing that most people are used to on a day-to-day basis. The underlying hardware and operating system is irrelevant to the end user, who will access the service via a web browser or app; it is often bought on a per-seat or per-user basis.

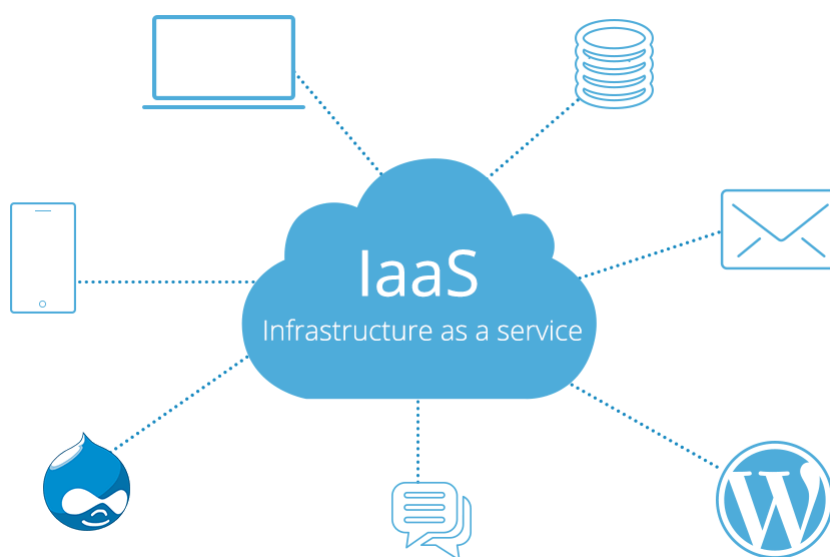
SaaS is the largest chunk of cloud spending simply because the variety of applications delivered via SaaS is huge, from CRM such as Salesforce, through to Microsoft's Office 365. And while the whole market is growing at a furious rate, it's the IaaS and PaaS segments that have consistently grown at much faster rates, according to analyst IDC: "This highlights the increasing reliance of enterprises on a cloud foundation built on cloud infrastructure, software-defined data, compute

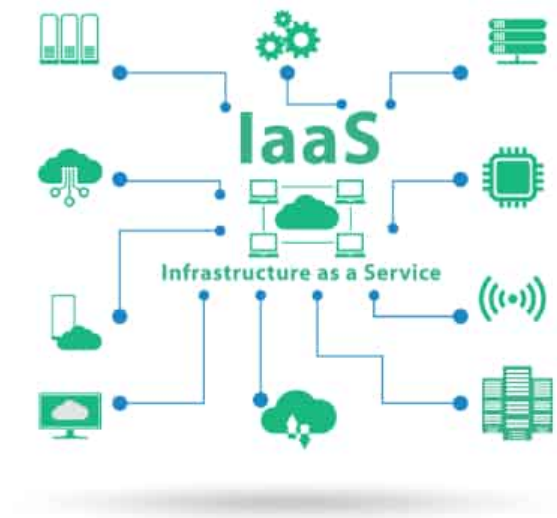
and governance solutions as a Service, and cloud-native platforms for application deployment for enterprise IT internal applications." IDC predicts that IaaS and PaaS will continue growing at a higher rate than the overall cloud market "as resilience, flexibility, and agility guide IT platform decisions".



What is Infrastructure as a Service?

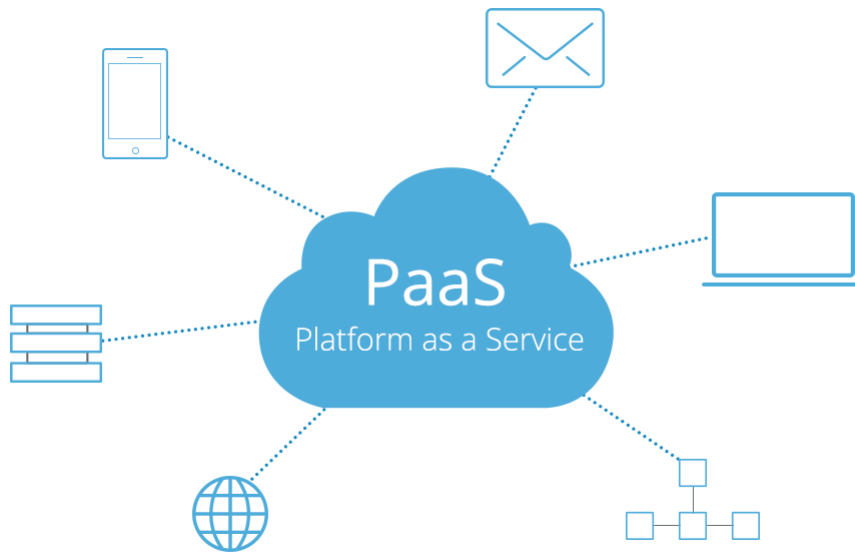
Infrastructure as a Service (IaaS) refers to the fundamental building blocks of computing that can be rented: physical or virtual servers, storage and networking. This is attractive to companies that want to build applications from the very ground up and want to control nearly all the elements themselves, but it does require firms to have the technical skills to be able to orchestrate services at that level.



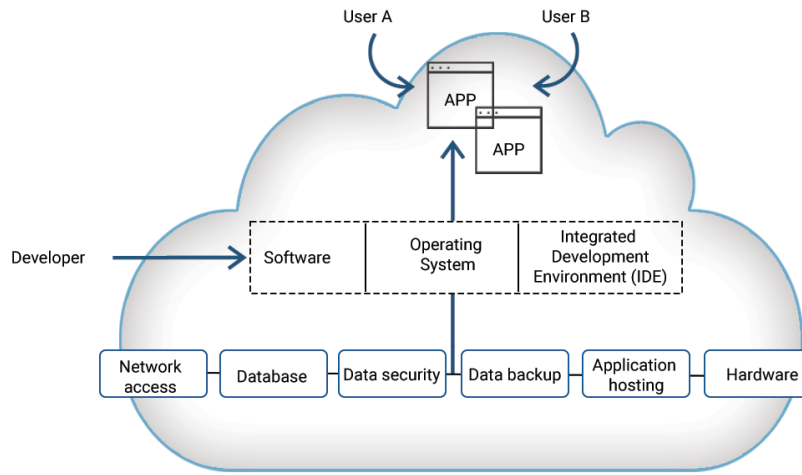


What is Platform as a Service?

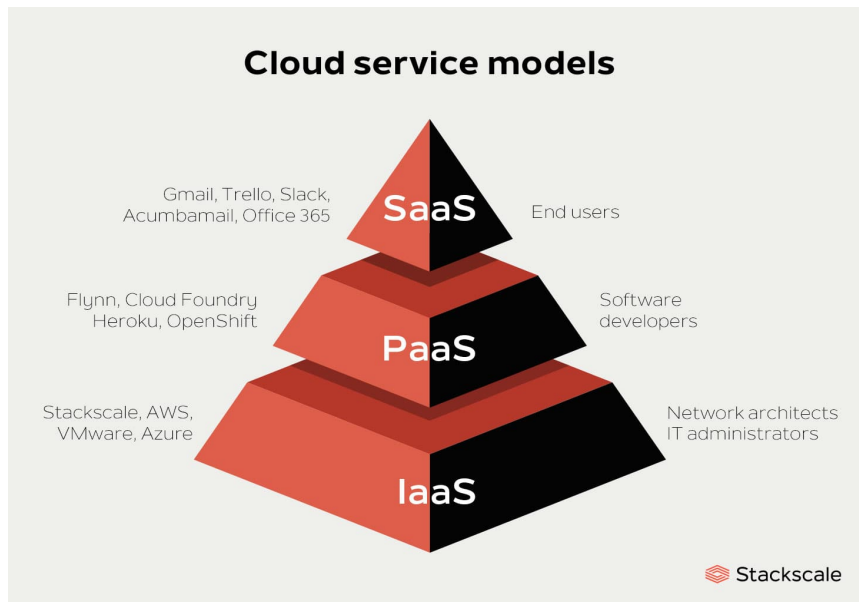
Platform as a Service (PaaS) is the next layer up – as well as the underlying storage, networking, and virtual servers, this layer also includes the tools and software that developers need to build applications on top, which could include middleware, database management, operating systems, and development tools.



HOW PAAS WORKS



🚩 SaaS, IaaS and PaaS



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