NOTES ON BLUEMIX SESSION 1

Presented by Fellsy

Hypervisor- If hypervisor is running on your machine, you can create and run multiple virtual machines.

IAAS - Soft-layer in the IBM world (you are responsible for machine, network and storage)

PAAS - You write your own services/micro-services (everything else, like hardware is taken care of by IBM). In the Market place you can buy existing services or you can write your own.

* Note, its possible to write your own services and publish them to the market place at which point others can bind them to their app and use them.

SAAS - Mostly everything is taken care of for you, you simply need to provide data (or a catalog of products)

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Docker - Technology for creating and running Linux containers. A container basically means, encapsulating an application within its own operating environment.

Kubernetes - Software that google used for many years. In-case container fails, rules on how to recover (will touch more on this later, she did not give too much info).

Cloud foundry - Think of it as a catalog of services available to you (high level)

Boilerplate - Basically a skeleton or a template for your app

Buildpack - not a deployment model, specifies the runtime and fetches dependencies (rapid app dev tool)

Open Whisk - Cloud model offered by IBM (FAAS or Function as a service), charge for CPU usage only. Say your app needs a particular function but it will only use this function a couple times a day. You don’t want to spin up a server and have it run all day so you would use FAAS to buy a function and pay for only the cpu usage that you need.

Managed Services - Watson, internet of things, object storage. Available from blue mix catalog, once you put a service into the IBM catalog it now becomes a managed service.