<u>Assignment - 01</u>

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IaaS : (Infrastructure as a Service)

  IaaS is a cloud service model that offers on demand infrastructure resources such as compute, storage, networking & virtualization to buisness and individual via cloud so, users do not have to manage traditional data center.

  eg : Linode, Aws, Microsoft Azure.

PaaS : (Platform as a Service)

  PaaS is designed to support the web application such as building, testing, managing & updating, because third-party provider hosts the H/w & s/w on it's own infrastructure as a result PaaS frees the developers from having install H/w & s/w to develop & run new application on their premises.

  eg : Aws, Heroku, window Azure.

SaaS : (Software as a Service).

  SaaS helps to deliver an entire application that is managed by provider via web browser, the 3rd-party managed the infrastructure of the s/w, allowing users to focus on using s/w to meet their buisness need.

  eg : Google Apps, dropbox

IaaC: (Infrastructure as a Code)

IaaC is managing & provising of infrastructure through code instead of manual process, IaaC configuration files are created that contain your infrastructure specification which make it easier to edit & distribution configure

eg, chef, puppet.