

Cloud Service Models



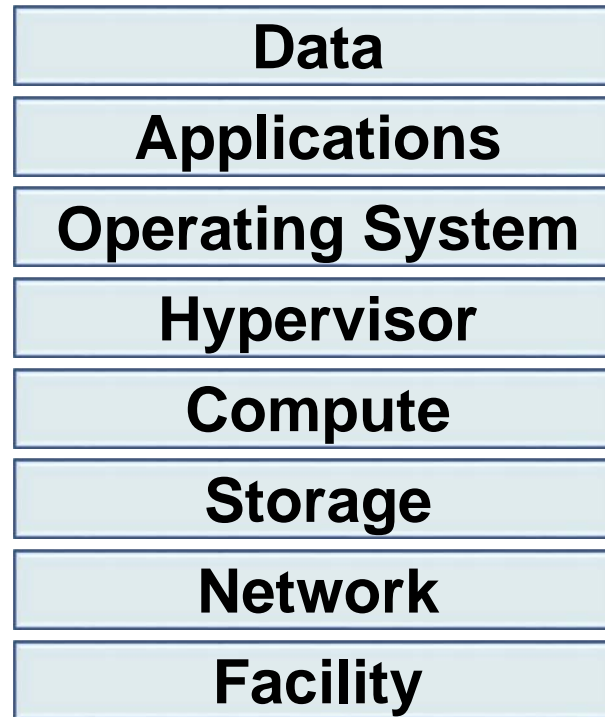
- The National Institute of Standards and Technology (NIST) define three Service Models of how cloud services can be offered:
 - IaaS Infrastructure as a Service
 - PaaS Platform as a Service
 - SaaS Software as a Service
- Large cloud server providers offer multiple models

Cloud Service Models





- The three models define where the customer and provider areas of responsibility are, and at what level the customer gains access.
- The three models build on top of one another.

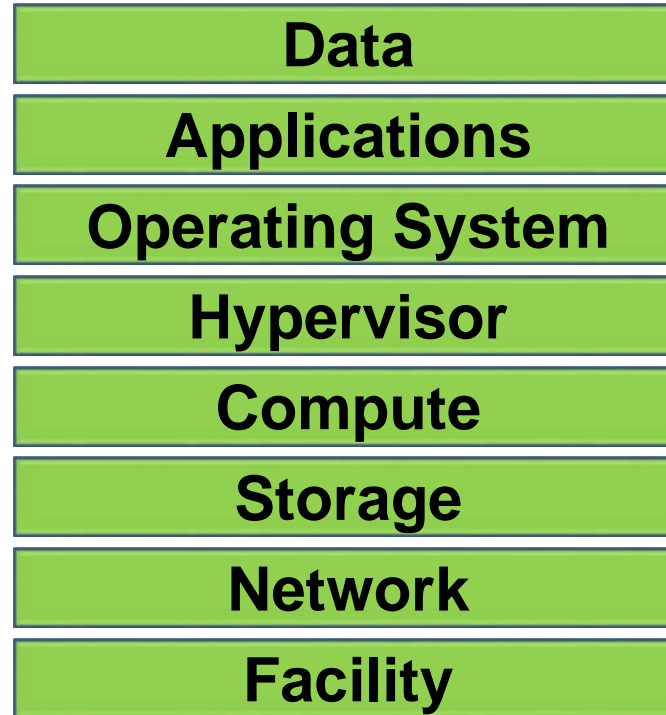
Data Center Stack





On Premises

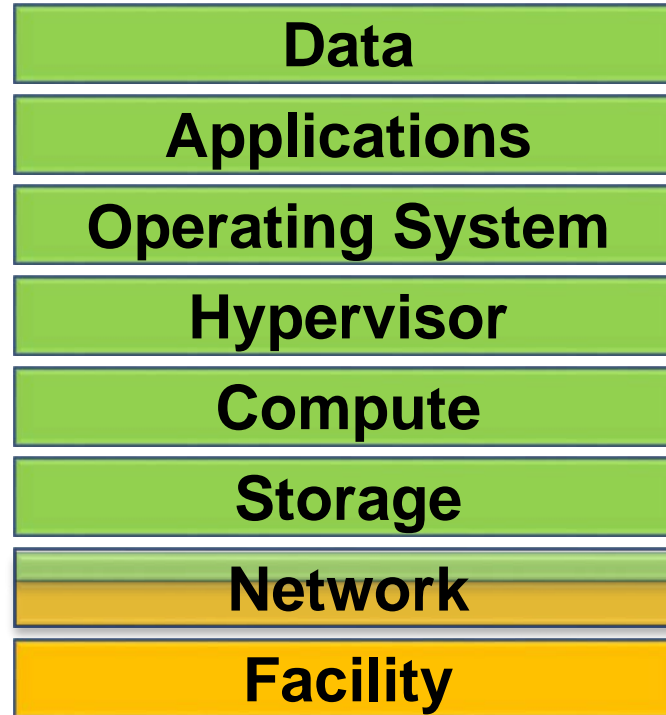


-  Customer Manages
-  Provider Manages







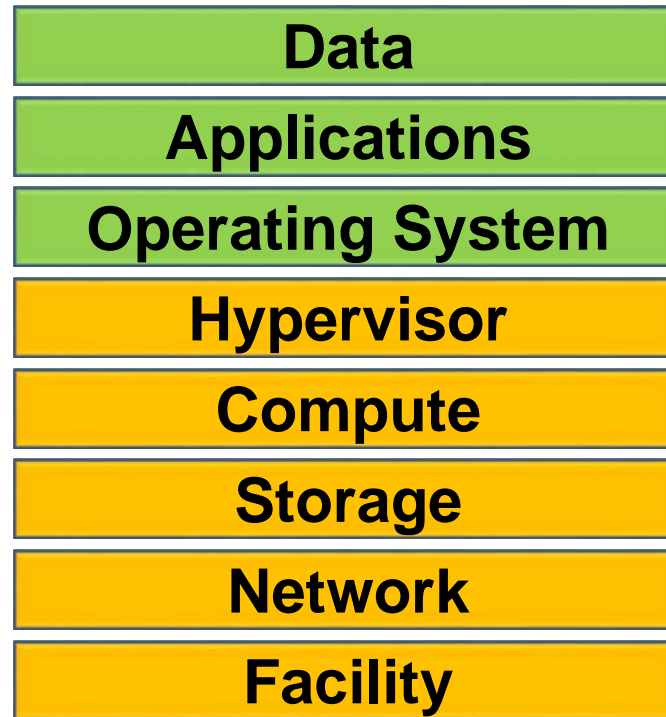
-  Customer Manages
-  Provider Manages



IaaS Infrastructure as a Service





-  Customer Manages
-  Provider Manages

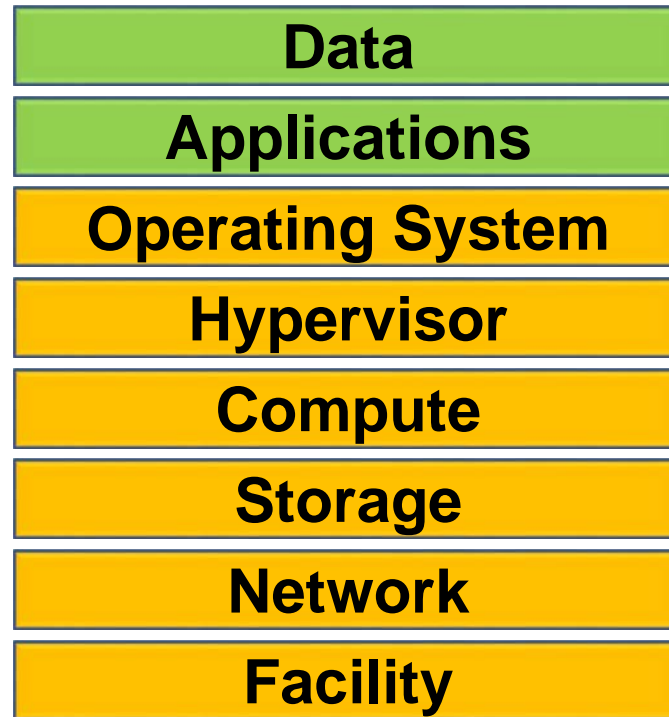


← Customer Gets Access at This Level

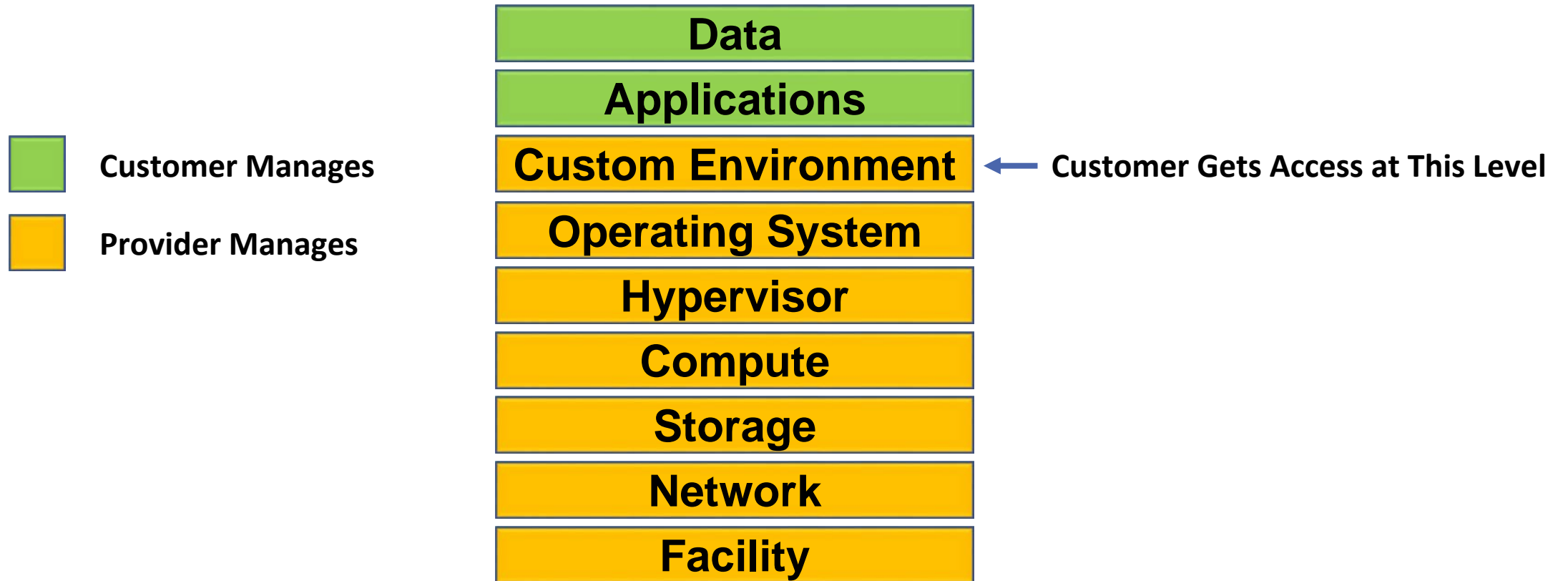
PaaS Platform as a Service



-  Customer Manages
-  Provider Manages





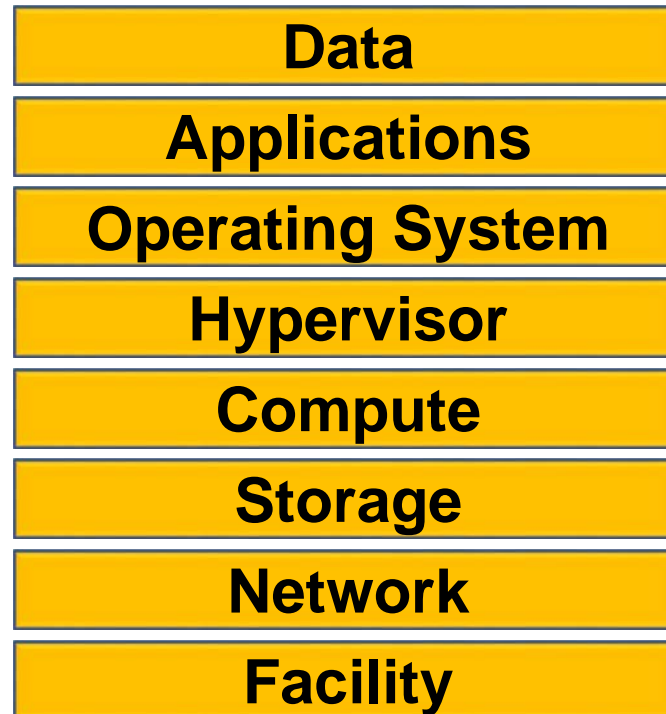
PaaS Platform as a Service



SaaS Software as a Service



-  Customer Manages
-  Provider Manages



← Customer Gets Access at This Level