

## Today's Cloud-based Apps

Mainly built via **waterfall** approach and host in cloud computing providers or private cloud with **legacy architecture**

Typically hosted at a **single cloud** computing provider or private cloud with limited flexibility to move in between

Scalability is **limited** to the hosting cloud computing providers and their charging model or on-premises capacity

Simple architecture allows **manual management**, but cloud management platform can bring holistic view across multiple cloud-based applications

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## Tomorrow's Cloud-native Apps

Built via **DevOps** approach and adopt **container and microservices** technologies to deploy and host applications

Containerisation isolates applications from its operating system, enables flexibility to **move between multiple cloud environments**

Loosely coupled microservices allows lightweight **scale up**, and **scale out** is supported by multiple cloud environments

Industry de facto orchestration and **automation tools** are needed to support faster deployment and capacity management across multiple cloud environments



Application  
architecture



Hosting  
options



Scalability



Orchestration

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