

2.4 Compute

- Primarily for performing calculations, executing logic and running applications
 - On-demand & computing service for running cloud-based applications
 - Provides computing resources like multi-core processors and supercomputers via VMs and containers
 - Provides serverless computing to run apps without requiring infrastructure setup or configuration
 - Pay only for the resources you use and only for as long as you're using them
 - Four common techniques for performing compute in Azure:
 - VMs
 - Containers
 - Azure App Service
 - Serverless computing
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▼ Choosing a computing strategy

- “All or nothing” is not needed when choosing a cloud computing strategy
 - Each provides benefits as well as tradeoffs against other options
 - Example: serverless computing removes the need for you to manage infrastructure
 - Serverless computing expects work to be completed quickly; usually within seconds or less
 - You might run your core application on a VM or container but offload some of the data processing onto a serverless app
 - Most control to least control: VM, containers, serverless computing
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