Decision tree for Azure compute services

11/03/2018 • 2 minutes to read • Contributors

In this article

Azure offers a number of ways to host your application code. The term *compute* refers to the hosting model for the computing resources that your application runs on. The following flowchart will help you to choose a compute service for your application. The flowchart guides you through a set of key decision criteria to reach a recommendation.

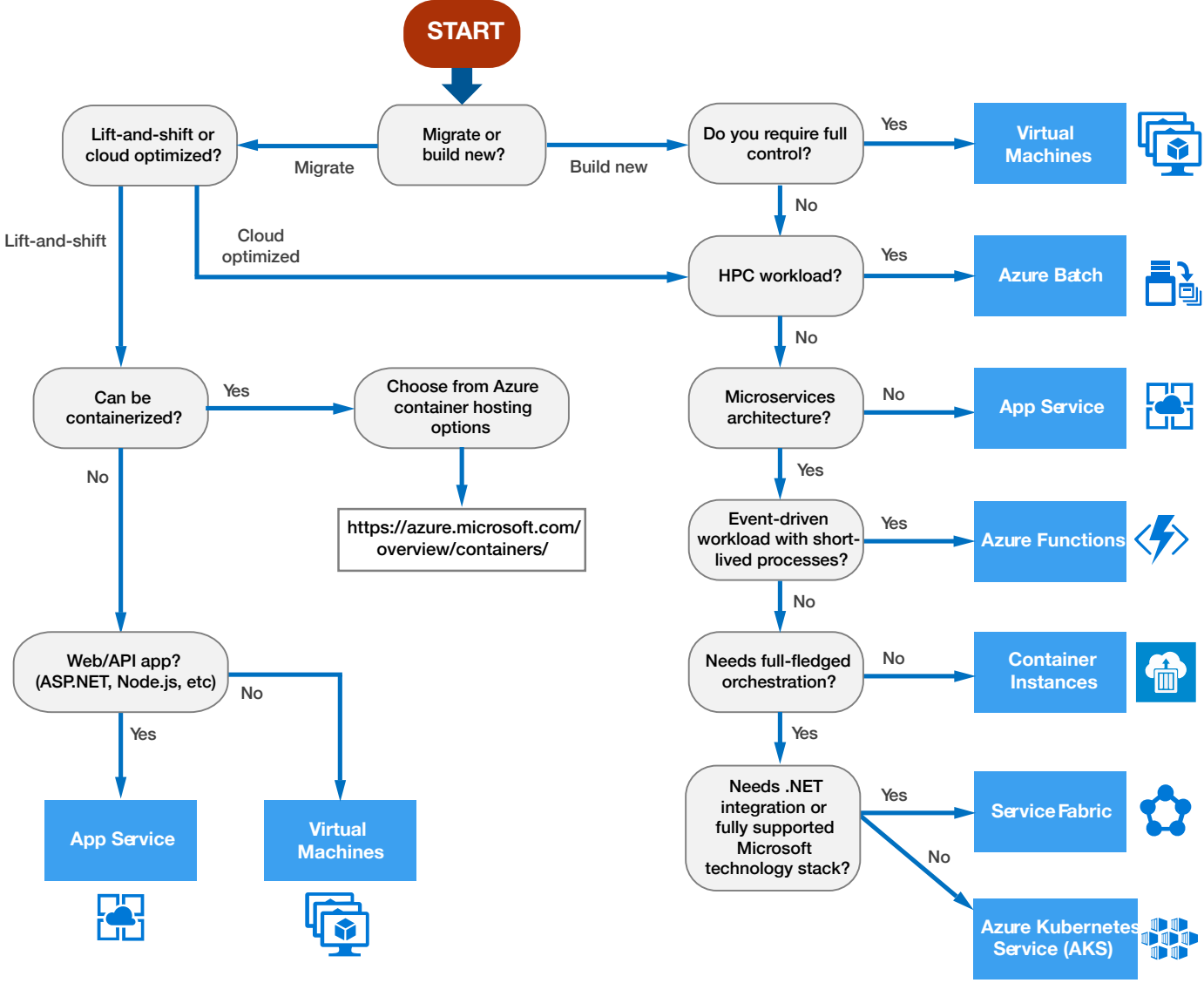
Treat this flowchart as a starting point. Every application has unique requirements, so use the recommendation as a starting point. Then perform a more detailed evaluation, looking at aspects such as:

- Feature set
- Service limits
- Cost
- SLA
- Regional availability
- Developer ecosystem and team skills
- Compute comparison tables

If your application consists of multiple workloads, evaluate each workload separately. A complete solution may incorporate two or more compute services.

For more information about your options for hosting containers in Azure, see Azure Containers.

Flowchart



Definitions

- **"Lift and shift"** is a strategy for migrating a workload to the cloud without redesigning the application or making code changes. Also called *rehosting*. For more information, see Azure migration center.
- **Cloud optimized** is a strategy for migrating to the cloud by refactoring an application to take advantage of cloud-native features and capabilities.

Next steps

For additional criteria to consider, see Criteria for choosing an Azure compute service.