# TidBIT

Like any other technology, serverless has its place. It does relieve the team from having to spend time, energy, and resources on the underlying hardware and operating system. It also has some latency and overhead from being deactivated when not in use and then reactivated when called upon. This means that a serverless approach isn't optimal for backing a website that has to respond to a user's click in milliseconds. A better use case would be performing a credit verification with calls out to credit bureaus, or processing an order that was placed from a customer-facing website after "Submit" has been clicked.

When reviewing architectural patterns for your application, serverless fits wherever you find a need for an event-based or trigger-based mechanism that, in turn, causes some application logic to occur. This model lends itself to a rich-client front end application such as a mobile app. There are many ways to approach this situation and there are just as many ways to build a technology solution.

## Required Resources

**Reading**: How Secure Is Serverless Computing? (https://www.zdnet.com/article/how-secure-is-serverless-computing/)
Read this article, which discusses the importance of building security in a serverless environment.

**Reading**: A Cloud Services Comparison of the Top Three IaaS Providers (https://www.megaport.com/blog/aws-azure-google-cloud-the-big-three-compared/)
Read this article to gain an overview and comparison of the top three IaaS providers.

**Reading**: Guide to Cloud Computing Architectures (https://www.networkcomputing.com/cloud-infrastructure/guide-cloud-computing-architectures)
This reading explains different cloud models including baseline cloud architectures, complex architectures, and hybrid clouds.

**Reading**: How Android Is Becoming the New Windows (https://gizmodo.com/how-android-is-becoming-the-new-windows-1708608151)
This reading draws parallels between the ubiquitous Windows operating system on desktop computers and Android becoming the same thing for smart devices.