**Microservices**

Microservices are both an architecture and an approach to writing software. With microservices, applications are broken down into their smallest components, independent from each other. Instead of a traditional, monolithic, approach to apps, where everything is built into a single piece, microservices are all separated and work together to accomplish the same tasks. Each of these components, or processes, is a microservice. This approach to software development values granularity, being lightweight, and the ability to [share similar process across multiple apps](https://www.redhat.com/en/topics/integration). It is a major component of [optimizing application development towards a cloud-native model](https://www.redhat.com/en/topics/cloud-native-apps).

**Understanding**

Microservices is an architecture in which different component pieces of a software design are created and housed as individual, isolated services. ... Because of their isolation and strict requirement to communicate through well-defined interfaces, microservices prevent quick and dirty solutions often found in monoliths.