1. Microservices architecture breaks down a monolithic application into many pieces of single-responsibility functionality. These components then communicate through event streams and REST APIs in order to facilitate full system composition. A benefit to microservices architecture is that you are able to scale pieces of functionality independently and also continually integrate and deploy changes without having to bring down service during maintenance windows.
2. One of the disadvantages to having a traditional configuration architecture is that it requires constant human intervention in order to roll out changes, instantiate or sunset deploys. Having a cloud-based configuration service allows one to programmatically provision instances and roll out changes without the need of a human actor.
3. Spring Cloud is a services suite that enables developers to deploy applications using a microservices architecture. It also includes industry-forges solutions such as Spring Cloud Netflix, which includes Netflix’s Hystrix microservices orchestrator. Spring Cloud also comes with a suite of annotations that help provision, scale, sunset, configure , and load balance services programmatically, based on load.