SERVICE	ORII	ENT	ED
ARCHIT	ECT	UR	E

MICROSERVICES ARCHITECTURE

ARCHITECTURE	ARCHITECTURE	
Maximizes application service reusability	Focused on decoupling	
A systematic change requires modifying the monolith	A systematic change is to create a new service	
DevOps and Continuous Delivery are becoming popular, but are not mainstream	Strong focus on DevOps and Continuous Delivery	
Focused on business functionality reuse	More importance on the concept of "bounded context"	
For communication it uses Enterprise Service Bus (ESB)	For communication uses less elaborate and simple messaging systems	
Supports multiple message protocols	Uses lightweight protocols such as HTTP, REST or Thrift APIs	
Use of a common platform for all services deployed to it	Application Servers are not really used, it's common to use cloud platforms	
Use of containers (such as Docker) is less popular	Use of containers (such as Docker) is less popular	
SOA services share the data storage	Each microservice can have an independent data storage	
Common governance and standards	Relaxed governance, with greater focus on teams collaboration and freedom of choice	