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PROJECT : SERVERLESS IOT DEPLOYMENT AND DATA PROCESSING

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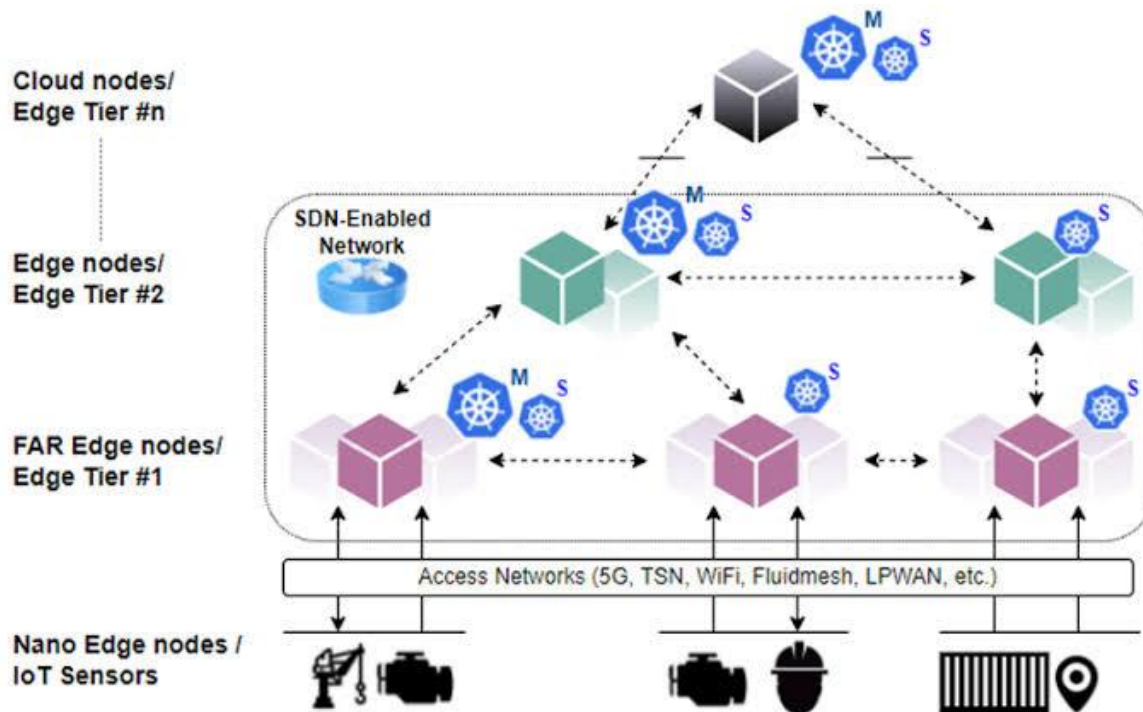
OUTLINE

To develop a serverless IOT and deploy the particular stuff.
And to use the device effectively using source code.

Dive Deeper into Serverless Stream Processing Patterns

In this whitepaper, called **Serverless Stream Architectures and Best Practices**, we will explore three Internet of Things (IoT) stream processing patterns using a serverless approach. For each pattern, we'll describe how it applies to a real-world IoT use-case, the best practices and considerations for implementation, and cost estimates. You will get familiarity with services like IBM Lambda and Amazon Kinesis and IBM IoT Core.

What is serverless computing?



Serverless computing allows you to build and run applications and services without thinking about servers. Serverless applications don't require you to provision, scale, and manage any servers. You can build them for nearly any type of application or backend service, and everything required to run and scale your application with high availability is handled for you.

Building serverless applications means that you can focus on your core product instead of worrying about managing and operating servers or runtimes, either in the cloud or on-premises. This reduced overhead lets you reclaim time and energy that you can spent on developing great products which scale and that are reliable.

Multilayered complexity of IoT, it's not an easy undertaking, so you'll see many articles about the high level of IoT failures. People who haven't attempted an IoT deployment before don't always understand just how complex it can be to implement one. But before you get discouraged, it's important to understand that an IoT deployment is a process. If you follow the steps in the process and dedicate the necessary time and resources to them, you substantially increase your chances of success. Despite the challenges, implementing IoT solutions provides incredible opportunities, so it's definitely worth considering for your business, especially if you have a roadmap to do it the right way.