



## Abstract :

While data generated in society explosively increased, we often heard the keyword "big data". Various systems have been introduced to make use of data that can not be handled by conventional systems. By combining these systems, the lambda architecture has characteristics such as robustness and fault tolerance, low latency reading and updating, scalability, generalization, scalability, arbitrary query execution and so on. On the other hand, NoSQL such as mongoDB of the system constituting the lambda architecture, there are examples of data leakage due to inappropriate settings, and examples of cases of victims of Ransomware. In this paper, we consider items to be considered when implementing the lambda architecture and implementing the lambda architecture from the security point of view.

