Roles of IoT Middleware

Interoperability

IoT Middleware facilitates the interoperability of sensors, which often use different standards and may not be designed to work together. It enables sensors to communicate and integrate with the backend system as a single IoT system.

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Security

IoT Middleware enhances security by centrally managing the authentication of new sensors and access control.

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Managing Data Volume

Millions of sensors could be generating petabytes of data in seconds. IoT Middleware performs basic data processing and analytics to reduce network traffic.