

WSN

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Example of Management Architecture:MANNA

- ① An optimization problem for monitoring management formulated provides the monitoring regions given that the battery and energy consumption rate for each sensor are known beforehand.
- ② In topology management scheme called sparse topology and energy management (STEM) proposed the nodes only need to be awake when there is data to forward.
- ③ MANNA is a management architecture for WSNs proposed by Ruiz et al.

The architecture considers three management dimensions

① function areas

② management levels

- The management function areas contain 5 types of traditional management functions:
 - fault, configuration, performance, security, and accounting management.
- The management levels in MANNA
 - network element, network element management, network management, service management, and business management.
- A number of other functions are proposed by MANNA: configuration, maintenance, sensing, processing, and communication.