

BMS INTERVIEW QUESTIONS



- What is BMS (Building Management System or Building Automation)?
 - ❑ A **Building Management System (BMS)** or a (more recent terminology) Building Automation System (BAS) is a computer-based control system installed in buildings that controls and monitors the building's mechanical and electrical equipment such as ventilation, lighting, power systems, fire systems, and security systems.
- What is HVAC control on BMS? Heating Ventilating and Air Conditioning
- What is DDC? (Direct Digital Control)
 - ❑ **DDC** is a controller which use the analogue or digital signals from various devices of a field sensor and actuators and then process to produce some output.
- What are the I/O in BMS? (Input/Output)
 - ❑ Digital Inputs
 - ❑ Analog Inputs
 - ❑ Analog Outputs
 - ❑ Digital Outputs

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- What are the field Devices in HVAC-BMS?
 - Differential Pressure Switch (Air/Water)
 - Duct Temperature Sensor
 - Immersion Type Temperature Sensor
 - There are four types of temperature sensors that are most commonly used in modern-day electronics:
 - **Thermocouples**
 - **RTDs (resistance temperature detectors),**
 - **thermistors, and semiconductor based integrated circuits (IC).**
 - Duct Pressure sensors
 - Differential Pressure Transmitter (Air/Water)
 - Smoke Duct Detector
 - Relative Humidity Sensor
 - Chilled Water Flow Meter
 - Damper Actuator
 - Cooling Coil Valve Actuator
 - Flow Switch (Air/Water)

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