Difference between IoT and M2M

Internet of Things

IoT is known as the Internet of Things where things are said to be the communicating devices that can interact with each other using a communication media. Usually every day some new devices are being integrated which uses IoT devices for its function. These devices use various sensors and actuators for sending and receiving data over the internet. It is an ecosystem where the devices share data through a communication media known as the internet.

Machine to Machine

This is commonly known as Machine to Machine communication. It is a concept where two or more than two machines communicate with each other without human interaction using wired or wireless mechanisms. M2M is a technology that helps the devices to connect between devices without using the internet. M2M communications offers several applications such as security, tracking and tracing, manufacturing and facility management.

Basis of	IoT	M2M
Abbreviation	Internet of Things	Machine to Machine
Intelligence	Devices have objects that are responsible for decision making	Some degree of intelligence observed in this
Connection type used	The connection is via network and using various communication types.	The connection is a point to point
Communication protocol used	Internet protocols are used such as HTTP, FTP, and Talent.	Traditional protocols and communication technology techniques are used
Data sharing	Data is shared between other applications that are used to improve the end-user experience.	Data is shared with only the communicating parties.
Internet	Internet connection is required for communication	Devices are not dependent on the Internet.
Scope	A large number of devices yet scope is large.	Limited Scope for devices.

Business Type used	Business to Business (B2B) and Business to Customer (B2C)	Business to Business (B2B)
Open API support	Support Open API integrations.	There is no support for Open API's
Examples	Smart wearables, Big Data and Cloud, etc.	Sensors, Data and Information, etc.