



IAT 1 -17EC752-2020

Questions **Responses** 110

Total points: 50

110 responses



Not accepting responses



Message for respondents

This form is no longer accepting responses

Summary

Question

Individual

kkav17ec@cmrit.ac.in



73 of 110



47 of 50 points

Score released Oct 6 1:28 PM

[Release score](#)

IAT 1-17EC752-2020

* Required

Name *

/ 0

K Kavya

Add individual feedback

USN *

/ 0

1CR17EC076

Add individual feedback

✓ The equation representing the IBM IoT frame work is:

1 / 1

- Gateway+(Connect+Collect+Assemble+Manage) and Analyse = Internet of Things
- Gather+Consolidate+(Connect+Collect+Assemble+Manage) and Analyse = Internet of Things ✓
- Physical object+Internet+Manage+toe+Analyse = Internet of Things
- Gateway+(Connect+Database+Organize+Analyse) = Internet of Things

Add individual feedback

✓ The ITU-T reference model proposes (i) four layers (ii) lowest layer as device layer has device and gateway capabilities (iii) next layer to the device layer has transport and network capabilities (iv)next layer is the services and application support layer and (v) and the top most layer is Application layer

1 / 1

- (i) is incorrect
- (ii) to (v) are layers in the model and (i) is true. ✓
- only (i) is true
- (ii) and (v) are in correct

Add individual feedback

✓ The frame work developed by CISCO for a smart city is a four layer architecture

1 / 1

True



False

Add individual feedback

✓ What is the full form of OpenHAB

1 / 1

Open Hub Auto system

Open Home Automation System

Open Home Alert System

none of the above



Add individual feedback

✓ Connectivity interface and Edge computing is part of which M2M domain?

1 / 1

M2M application Domain

M2M Network Domain

M2M device Domain



None of the above

Add individual feedback

✓ The major components of IoT system are (i) physical objects, (ii) hardware consisting of micro controller ,firmware sensors actuators,control unit (iii) Communication Module and (iv) software

1 / 1

True



False

Add individual feedback

✓ M2M is evolved from IoT

1 / 1

True

False



Add individual feedback

✓ In modified OSI model for IoT presentation and session layer is combined and known as

1 / 1

Data Adaptation layer

Network Layer

Application Support layer



Transport Layer

Add individual feedback

✓ Manage+Acquire+Organise and Analyse happens at which layer in modified OSI model for IoT 1 / 1

- Data Adaptation
- Network Layer
- Application Support layer
- Transport Layer



Add individual feedback

✓ Stream is associated with which layer in modified OSI model for IoT 1 / 1

- Transport Layer
- Application Support layer
- Network Layer
- Data Adaptation



Add individual feedback

✓ Gather and Enrich is associated with which layer in modified OSI model for IoT 1 / 1

- Physical cum Data-link Layer and Data Adaptation layer
- Network Layer
- Application Support layer
- Transport Layer



Add individual feedback

✓ IETF stands for 1 / 1

- International Engineering Task Force
- Internet Engineering Task Force
- Indigenous Engineering Task Force
- Internet Engine Task Force



Add individual feedback

✓ In ITU-T reference model Data Adaptation and Physical cum Data Link Layer is combine and named as 1 / 1

Device Layer ✓

Network Layer

Application support layer

Application Layer

Add individual feedback

✓ Data Adaptation, conversion and change of protocol, format or code using software is known as 1 / 1

Transcoding ✓

Privacy

Integration

fusion

Add individual feedback

✓ Data acquisition from the devices /devices network is known as

1 / 1

- Data dissemination
- Data Gathering
- Data handling
- Data Adaptation



Add individual feedback

✓ Polling, Event based gathering, scheduled interval,continuous monitoring are different techniques of

1 / 1

- Data dissemination
- Data handling
- Data Adaptation
- Data Gathering



Add individual feedback

✓ Data aggregation refers to the process of joining together present and previously received data frames after removing redundant or duplicate data

1 / 1

- True
- False



Add individual feedback

✓ A Device Management provisions for

1 / 1

- provide a unique device ID
- Device activating and deactivating
- Device configuration
- all of the above



Add individual feedback

✓ OMA stands for

1 / 1

- OpenMobile Alliance
- OpenMobile Association
- Open M2M Alliance
- None of the above



Add individual feedback

✓ VPN stands for

1 / 1

- Virtual proxy network
- Virtual personal network
- Vertical personal network
- none of the above



Add individual feedback

✓ Suggested privacy model depends on the following components (i) trust (ii) device and application identities management (iii)authentication (iv)Authorization and (v)reputation 1 / 1

All except (vi) are true

All except (ii) are true

All except (i) are true

all are true



Add individual feedback

✓ Data enrichment before the data disseminates to the network means (i)aggregation (ii)compaction (iii)fusion (iv)adjusting data rate within the permitted limit,(v)communication as per protocol standards,(vi)formatting as per protocol specifications 1 / 1

all are true

All except (iv) and (v) are true

All except (iii) and (v) are true

(i) to (iii) are true



Add individual feedback

✓ REST stands for

1 / 1

- Repository state transfer
- Representational State Transfer
- Rest State Transfer
- None of the above



Add individual feedback

✗ Short form for Routing over Low power and Loss is

0 / 1

- ROLL
- RLPL
- none



Correct answer

- ROLL

Add individual feedback

✘ HTTP is a unconstrained protocol

0 / 1

True

False

✘

Correct answer

True

Add individual feedback

✔ MQTT stands for

1 / 1

MQ Telemetry Things

MQ Transport Telemetry

MQ Transport Things

MQ Telemetry Transport

✔

Add individual feedback

✔ MQTT is _____ protocol

1 / 1

Machine to Machine

Internet of Things

Machine to Machine and Internet of Things

Machine Things

✔

Add individual feedback

✓ For MQTT, which statement is correct

1 / 1

- Publishers publish the data to broker
- Subscriber subscribes to broker using title
- Broker uses store and forward operation
- All of the above



Add individual feedback

✓ XMPP Full form is _____

1 / 1

- Extensible Messaging and Presence Protocol
- Extensible Module and presence protocol
- Extensible Messaging Presence Protocol
- Extensible Message and Presence Protocol



Add individual feedback

✓ CoAP is a specialized _____ protocol.

1 / 1

- Web Transfer
- Power
- Application
- Resource



Add individual feedback

✓ CoAP feels very much like HTTP.

1 / 1

True



False

Add individual feedback

✓ Gateway provides the connection between _____ and _____

1 / 1

Cloud and controller



Network and Cloud

Network and Controller

Controller and device

Add individual feedback

✓ What is the full form of CoAP-MQ

1 / 1

Constrained Application Protocol Message Queuing



Constrained Application Protocol Message Queue

Constrained Application Protocol Multiple Queuing

Constrained App Protocol Message Queue

Add individual feedback

✓ LWM2M is

1 / 1

- Less weight machine to machine protocol
- Low weight machine to machine protocol
- Light weight machine to machine protocol
- Lower weight machine to machine protocol



Add individual feedback

✓ CoAP works on

1 / 1

- UDP
- TCP



Add individual feedback

✓ Data Enrichment process involves

1 / 1

- Aggregation
- Compaction
- Fusion
- All of the above



Add individual feedback

✓ Which one out of these is not LPWAN technologies:

1 / 1

- SigFox
- WiFi
- NB-IoT
- LoRa



Add individual feedback

✓ What connects IoT devices to the cloud in order to aggregate data, translate between protocols and process data before sending it on?

1 / 1

- IoT sensors
- IoT standards
- IoT gateways
- IoT processors



Add individual feedback

✓ A smart home consists of

1 / 1

- Sensor networks
- Communication network infrastructure
- Intelligent control and management
- All the above



Add individual feedback

✓ The hybrid cloud is the combination of

1 / 1

- Public cloud and private cloud
- Public cloud and community cloud
- Private cloud and community cloud
- None of the above



Add individual feedback

✓ The gateway in IOT nodes deals with

1 / 1

- Edge computing
- Cloud computing
- Server computing
- Data Computing



Add individual feedback

✓ IOT conceptual framework is defined by

1 / 1

- CISCO and Oracle
- Microsoft and IBM
- CISCO and
- Amazon and Microsoft



Add individual feedback

✓ What is full form of JSON

1 / 1

- Java script object notation
- Java script object note
- Java score object notation
- Java script obj notation



Add individual feedback

✗ CoAP-SMS is

0 / 1

- Constrained application protocol short messaging service
- Constrained application protocol short message service ✗
- Constrained app protocol short messaging service
- Constrained application protocol short messaging serve

Correct answer

- Constrained application protocol short messaging service

Add individual feedback

✓ What are the message communication protocols for connected devices:

1 / 1

- CoAP-SMS
- CoAP-MQ
- MQTT
- XMPP
- All of the above ✓

Add individual feedback

✓ _____ describes a cloud service that can only be accessed by a limited amount of people.

1 / 1

- Data center
- Private cloud
- Virtualization
- Public cloud



Add individual feedback

✓ _____ describes a distribution model in which applications are hosted by a service provider and made available to users.

1 / 1

- Infrastructure-as-a-Service (IaaS)
- Platform-as-a-Service (PaaS)
- Software-as-a-Service (SaaS)
- Cloud service



Add individual feedback

✓ Access to a Cloud environment always costs more money compared to a traditional desktop environment.

1 / 1

- True
- False



Add individual feedback

✓ _____ is the feature of cloud computing that allows the service to change in size or volume in order to meet a user's needs. 1 / 1

Scalability ✓

Virtualization

Security

Cost-savings

Add individual feedback

✓ A Cloud environment can be accessed from anywhere in the world as long as the user has access to the Internet. 1 / 1

True ✓

False

Add individual feedback

Submitted 9/18/20, 2:59 PM