Courses » Introduction to Internet of Things

Announcements

Course

Ask a Question

Progress

Unit 4 - Week 2



Week 1 Week 2

- Lecture 6: Basics of IoT Networking-Part II
- Lecture 7: Basics of IoT Networking-Part-
- Lecture 8: Basics of IoT Networking- Part-
- Lecture 9: Connectivity Technologies- Part-I
- Lecture 10: Connectivity Technologies- Part-II
- Week 2: Lecture Material
- Feedback for Week 2
- Quiz : Assignment 2

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

Week 9

Week 10

Week 11 Week 12

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Assignment Solution

Text Translation

Assignment 2

The due date for submitting this assignment has passed.

Assignment submitted on 2019-02-09, 11:51 IST

- 1) The MQTT publish-subscribe protocol is:
 - a. Event driven
 - b. Broker driven
 - c. Client driven
 - d. All of these
 - a
 - b
 - Ос
 - d

Yes, the answer is correct.

Score: 1

Accepted Answers:

- REST stands for:
 - a. Representational State Transfer
 - b. Resourceful Sensor Transfer
 - c. Resourceful State Transport
 - d. None of these

 - 0 b

Yes, the answer is correct.

Score: 1

Accepted Answers:

- 3) Brokers in MQTT
 - a. Connects publishers and subscribers
 - b. Classify the sensor data into topics
 - c. Both of the above
 - d. None of the above
 - а
 - 0 b
 - c
 - \bigcirc d

Yes, the answer is correct.

Score: 1





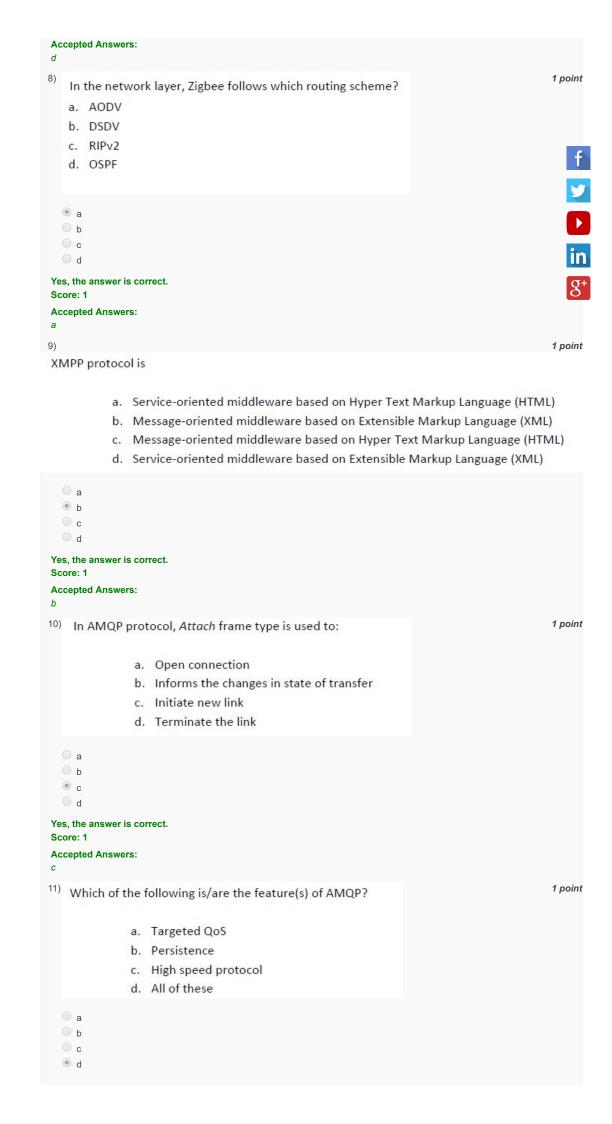


1 point

1 point

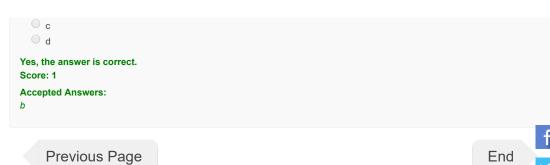
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С					
4)					1 poi
In AMQP,	link initiation in	order to send and red	eive messages is don	e by which frame	type?
	a. OPEN				
	b. ATTACH				
	c. BEGIN				
	d. FLOW				
○ a ◎ b					
ОС					
O d					
Yes, the ans	swer is correct.				
Score: 1					
Accepted A	nswers:				
b					4
5) MQT	T topics are				1 poi
	a Cimple	floating point			
	b. Simple	floating point			
	c. Simple				
	d. Simple				
Оа					
О b					
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Yes, the ans	swer is correct.				
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Score: 1		
Accepted Ar	nswers:	
¹²⁾ IEEE 8	302.15.4 uses which of the following for accessing the channel?	1 point
	 a. Carrier sense multiple access (CSMA) b. Carrier sense multiple access with collision detection (CSMA-CD) c. Carrier sense multiple access with collision avoidance (CSMA-CA) d. None of these 	1
abcd		ir
Yes, the ans Score: 1	swer is correct.	g
Accepted Ar	nswers:	
13)		1 poin
Which of	the following is not true for Reduced Function Device (RFD) in IEEE 802.15.4? a. Can only talk to a Full Function Device (FFD) b. Can talk to all types of devices c. Lower power consumption d. Minimal CPU/RAM required	
a b c d		
	swer is correct.	
Score: 1 Accepted Ar	nswers:	
<i>b</i> 14)		1 poin
	the following is true for ZigBee Router (ZR)?	. po
	a. It contains just enough functionality to talk to the parent node, and it relay data from other devices. This allows the made to be called a significant arrows to the pipe of the time of the pipe of the	
	b. This allows the node to be asleep a significant amount of the time tenhancing battery life.	
	c. Capable of running applications, as well as relaying information between connected to it.	
	d. Memory requirements and cost of ZEDs are quite low, as compared to ZR	or ZC.
abcd		
Yes, the ans	swer is correct.	
Accepted A	nswers:	
<i>c</i> ¹⁵⁾ RPL Ro	outing	1 poin
a. Ma b. Ma c. Ma	intains routing topology using high rate beaconing intains routing topology using low rate beaconing intains routing topology without beaconing. ne of these	
Оа		
b		

Yes, the answer is correct.











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