1.

## Node-RED Basics

Quiz, 5 questions

# Try again once you are ready. Back to Week 1 Required to pass: 80% or higher Retake You can retake this quiz up to 3 times every 8 hours. 1/1 point If I want to make an additional JavaScript package available to code running in a function node when running Node-RED in the IBM Cloud from the Internet of Things boilerplate, what actions are needed? (Select all that apply) run **npm install** to install the package **Un-selected** is correct Add key:require('package name') to the functionGlobalContext property of the settings file, then use global.get('key') in the function node code to access the package Correct Yes, you need to add the package to the global context object in the settings file to be able to access it using the global.get() call in your function node call use require('package name'); in the function code to be able to access the package **Un-selected is correct**

#### Correct

Yes, adding the package to package.json will ensure the package becomes part of the application

add the package to dependencies section in package.json



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2

How can I install a node listed on the flows page of the Node-RED website in my Node-RED pallet. The node doesn't need any prerequisite content to be installed.

Assume Node-RED is running from a standard install on a Raspberry Pi or laptop rather than the IBM Cloud.

(Select all that apply)

run **npm install** in the root directory, of the disk where the operating system files are located then restart Node-RED and refresh the browser

#### **Un-selected is correct**

From the Node-RED editor menu select Manage Pallet to access the pallet manager. Find the node on the install tab then press the install button.

#### Correct

yes, using the pallet manager will install a node

Edit the settings file and add the node name to a property called **nodes**, restart Node-RED then refresh the browser

#### **Un-selected** is correct

run **npm install** in the .node-red directory in the user's home directory then restart Node-RED and refresh the browser

#### This should be selected

Add the package to the dependencies section of package.json then run npm install, restart Node-RED then refresh the browser

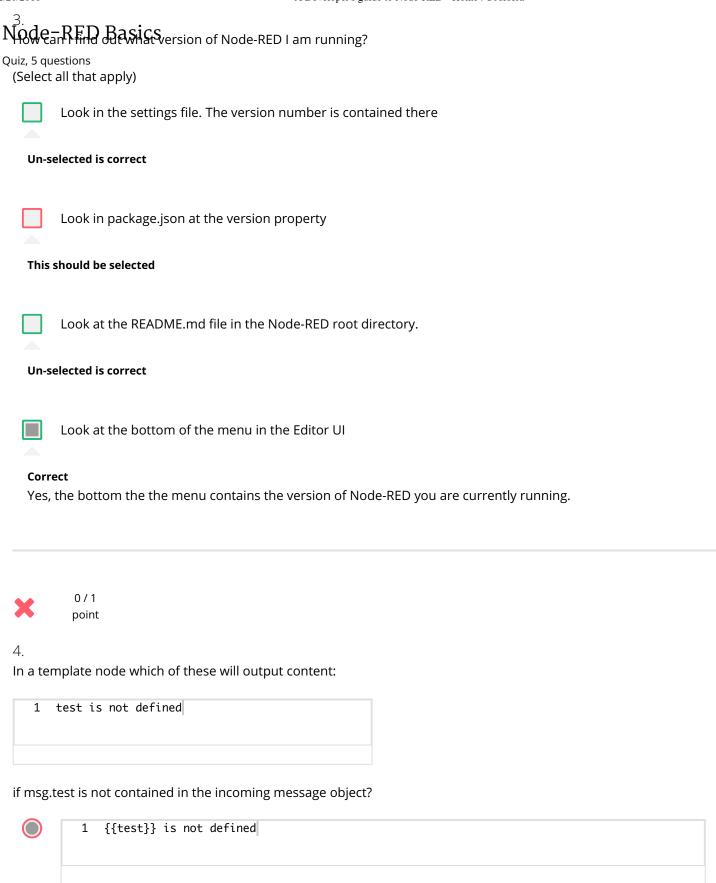
#### Correct

Yes, Any package listed in the dependencies section of package.json file will be installed when nom install is run, which will make the package available to Node-RED, so the node will appear in the pallet.



0/1

point



### This should not be selected

No, this does not check if property **test** has been defined, so will always generate content, but if test does not exit will output " **is not defined**"

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Node- Quiz, 5 qu	$-RE_{2}^{1}D$ $E_{3}^{4}$ $E_{3}^{5}$ $E_{3}^{5}$ ot defined estions $\{\{/\text{test}\}\}$
	<pre>1 {{^test}} 2 test is not defined 3 {{/test}}</pre>
<b>~</b>	1 / 1 point
value r	a node that publishes sensor data from the Bluetooth device. It puts the sensor name in <b>msg.topic</b> and the ead from the sensor in <b>msg.payload</b> . My flow is not creating the correct output, so I need to verify what the node puts in the msg.topic property. How can I get the <b>msg.topic</b> data shown in the debug tab of the Node-litor?
(Select	all that apply)
	Use a debug node with the default configuration options
Un-selected is correct	
	In a function node use the node.log() function to send the msg.topic value to the debug panel
Un-selected is correct	
	Use a debug node, but manually change the configuration to show complete msg object
Corre Yes,	ect this option will send the complete msg object to the debug panel, which will include the <b>msg.topic</b> value
Un-se	In a function node use the console.log() function to send the msg.topic value to the debug panel

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