

Design Improvements - Week 3

Total points 7

1. How can smart contracts access the data from different websites or APIs? 1 point
- ☒ By using Oraclize
 - ☐ It's not possible for the smart contracts to access the data
 - ☐ By requesting the websites directly for the data
 - ☐ By using Truffle
2. How can the blockchain applications trust the data response they get from Oraclize? 1 point
- ☐ By verifying from other third party sources.
 - ☒ Oraclize shows that the data is genuine by providing a document called authenticity proof along with the actual returned data.
 - ☐ None of the above.
 - ☐ By accepting data inputs from more than one untrusted or partially trusted party and then executing the data-dependent action only after a number of them have provided the same answer.
3. Logs of events are stored in _____. 1 point
- ☐ Server node
 - ☐ Client node
 - ☐ One node
 - ☒ All nodes
4. What is the maximum number of parameters can be indexed for a given event specification? 1 point
- ☒ 3
 - ☐ 1
 - ☐ No such limit
 - ☐ 2
5. Which of the following is true for using Libraries in blockchain? 1 point
- ☐ Libraries are not stateless
 - ☐ Libraries can store ethers
 - ☒ Libraries are stateless
 - ☐ Libraries can receive ethers
6. By default which type of variable is assigned to arrays and structs in solidity smart contracts? 1 point
- ☐ Memory or Storage depending on whether it is local or global
 - ☐ Memory variable
 - ☒ Storage variable
 - ☐ No default assignment of variable type
7. What happens when a contract calls selfdestruct ? 1 point
- ☒ Remaining ethers are sent to a designated address and storage and code are removed from state
 - ☐ Contract becomes inaccessible at a given address
 - ☐ Contract becomes inaccessible at a given address and the remaining ethers are sent to a designated address

⌂ Contract can still be accessed but you can no longer send or receive ethers

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