

# Blockchain Basics

By Coursera

16/07/2020 (Completed “**Transaction Integrity**” lesson and took quiz on that lesson)

The image shows two screenshots from the Coursera website. The top screenshot displays the 'Transaction Integrity' lesson page. The left sidebar lists the course structure: Public-Key Cryptography, Hashing, Transaction Integrity (selected), and Securing Blockchain. The main content area shows a video player with the title 'Transaction Integrity' and the text: 'To manage the integrity of transaction: Secure & unique account address' and 'Authorization of the transaction by the sender through digital signing'. The video player shows a progress of 0:24 / 3:20. Below the video player are buttons for 'Save Note', 'Discuss', and 'Download'. The bottom screenshot shows the 'Self-Check' quiz result page. It features a green banner with the text 'Congratulations! You passed!' and 'TO PASS 80% or higher'. A blue button labeled 'Keep Learning' is visible. The grade is shown as 'GRADE 100%'. Below the banner, the section is titled 'Self-Check' with 'TOTAL POINTS 1'. A single question is listed: '1. Digital signing of a transaction/document involves, hashing the content of the document and then \_\_\_\_.' The question is worth '1 / 1 point'. The options are: 'encrypting it with public key', 'encrypting it with nonce', 'encrypting it with private key' (selected), and 'rehashing it'. A green box at the bottom of the question area indicates 'Correct' and 'Correct!'.

**Transaction Integrity**

To manage the integrity of transaction:

Secure & unique account address

Authorization of the transaction by the sender through digital signing

0:24 / 3:20

Save Note Discuss Download

**Self-Check**

Practice Quiz • 30 min

✓ **Congratulations! You passed!**

TO PASS 80% or higher

Keep Learning

GRADE 100%

**Self-Check**

TOTAL POINTS 1

1. Digital signing of a transaction/document involves, hashing the content of the document and then \_\_\_\_.

1 / 1 point

☐ encrypting it with public key

☐ encrypting it with nonce

☒ encrypting it with private key

☐ rehashing it

✓ **Correct**

Correct!