

06: Lab 06 – Assisted - Using hashing and salting

Security+ (Exam SY0-701)



Congratulations, you passed!

Duration: 54 minutes, 52 seconds

- ☒ **confirm the presence of /root/Downloads/4-kwsrch-ext3/ext3-img-kw-1.dd** Score: 1
Select the **Score** button to validate this task:
File /root/Downloads/4-kwsrch-ext3/ext3-img-kw-1.dd exists
Task complete
- ☒ What is the bit length of an MD5 hash? Score: 1
☒ 128
☐ 32
☐ 256
☐ 160
☐ 64
Congratulations, you have answered the question correctly.
- ☒ **confirm the existence of /root/Downloads/4-kwsrch-ext3-hash.txt** Score: 1
Select the **Score** button to validate this task:
File /root/Downloads/4-kwsrch-ext3-hash.txt exists and contains
'30e7f792cc853e34e17335b243605d3a 4-kwsrch-ext3/ext3-img-kw-1.dd'
Task complete
- ☒ **confirm the existence of hash.txt** Score: 1
Select the **Score** button to validate this task:
File /root/hash.txt exists and contains the password hash.
Task complete
- ☒ **confirm the existence of salted-hash.txt** Score: 1
Select the **Score** button to validate this task:
File /root/salted-hash.txt exists and contains the password hash.
Task complete
- ☒ **confirm the existence of salt-secret-hash.txt** Score: 1
Select the **Score** button to validate this task:
File /root/salt-secret-hash.txt exists and contains the password hash.
Task complete

☒ What is the purpose of calculating a hash of files?

Score: 1

- ☐ Blocking disclosure
- ☐ Maintaining availability
- ☐ Confirming authorization
- ☒ Detecting integrity violations

Congratulations, you have answered the question correctly.

☒ What is the benefit of salting password hashes?

Score: 1

- ☒ Increases resistance to brute force attack
- ☐ Reduces up sign in time
- ☐ Eases enrollment complexity
- ☐ Improves federation interoperability

Congratulations, you have answered the question correctly.

☒ What is the primary reason to avoid the use of MD5?

Score: 1

- ☐ Ease of key discovery
- ☐ Risk of brute force attack
- ☒ Propensity for collisions
- ☐ Its algorithm is publicly viewable

Congratulations, you have answered the question correctly.

☒ What is the benefit of performing a malware evaluation via a hash value rather than uploading a file?

Score: 1

- ☒ Not disclosing the suspect file publicly
- ☐ More accurate results
- ☐ Detecting new threats
- ☐ Maintaining SCAP compliance

Congratulations, you have answered the question correctly.

☒ If a portion of the scanning engines of an online threat analysis service detect a threat related to a submitted hash or file, is that suspicious object necessarily malicious?

Score: 1

- ☒ True
- ☐ False

Congratulations, you have answered the question correctly.

