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Vendor:EC-COUNCIL

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Exam Name:EC-Council Certified Secure Programmer v2

Version: Demo

QUESTION 1

Shayla is designing a web-based application that will pass data to and from a company extranet. This data is very sensitive and must be protected at all costs. Shayla will use a digital certificate and a digital signature to protect the data. The digital signature she has chosen to use is based on the difficulty in computing discrete logarithms.

Which digital signature has she chosen?

A. Rabin

B. Diffie-Hellman

C. SA-PSS

D. ElGamal

Correct Answer: D

QUESTION 2

Neil is almost finished developing a Web-based inventorytracking application for a company he is working for under contract. Neil finds out that the company wants to pay him half of what they had agreed upon so he is very angry. Neil

decides to insert the following code into his application.

What is Neil trying to create here?

```
#include

#include

int main(int argc, char *argv[])

{

char buffer[10];

if (argc

{

fprintf(stderr, "USAGE: %s

string\n", argv[0]);

return 1;

}

strcpy(buffer, argv[1]);
```

```
return 0;

}
```

A. UML malformed string

B. Format string bug

C. Buffer underflow

D. Buffer overflow

Correct Answer: D

QUESTION 3

Malory is creating a webpage in PHP where users will have to logon to gain access to certain areas of the site. Malory is concerned that malicious users might try to exploit her site, so she decides to use the following code to prevent some

attacks.

What is Malory trying to prevent here?

```
$username = addslashes($_POST["username"]);

$password = addslashes($_POST["password"]);
```

A. SQL injection

B. CSS attack

C. Reflected mode XSS attack

D. CSRF attack

Correct Answer: A

QUESTION 4

What is defined as the practice of using selected process techniques to improve the quality of a software development effort?

A. Software coding

B. Systems life-cycle engineering

C. Software engineering

D. Business systems analysis

Correct Answer: C

QUESTION 5

George is writing an application in Java and is using DES in the code to implement the encryption and decryption of data that will be passed. In the following code snippet, what will be accomplished?

FileOutputStream out = newFileOutputStream

(f);

out.write(rawkey);

A. Convert the secret key to an array of bytes

B. Generate a secret TripleDES encryption key

C. Writes the raw key to a file

D. Send the raw key to a decryption output array

Correct Answer: C

QUESTION 6

Gregory is a system administrator who oversees 15 Mac OS X servers for his company.

Three of his servers are at remote sites, but they still need to replicate and communicate with the servers at the main office. Gregory wants to use SSL to protect the LDAP traffic between all servers for security. For this to work properly, what port must be opened on the firewalls so that the SSL LDAP traffic can pass through?

A. 636

B. 443

C. 22

D. 139

Correct Answer: A

QUESTION 7

Charles is writing a script in PERL for a website he is working on. The only problem he is having is that part of his script needs to call a file that a normal user does not have permission to access. What PERL command could Charles use to elevate the current user\\'s permission so that the file could be called?

A. Taint

B. Setuid

C. Strict pragma

D. Setid()

Correct Answer: B

QUESTION 8

What will the following ASP script accomplish on a webpage?

A. Redirect users to the logon page if they do not have a valid certificate

B. Logged on users will timeout after hour

C. Checks whether user has already logged on

D. Checks the user\\'s cache for personal information

Correct Answer: C

QUESTION 9

Tyler is in the applicaion testing phase of a particular project. He has decided to use the White Box testing method. Tyler has made a number of changes to his code after some initial tests found some bugs. Tyler now needs to test the code with those changes in place.

What type of testing is Tyler getting ready to perform?

A. Integration testing

B. Mutation testing

C. Statement coverage testing

D. Branch coverage testing

Correct Answer: B

QUESTION 10

Why would a software development firm want to fix any issues with a program at the design stage as opposed to fixing issues with a program through a patch release?

A. Releasing a patch costs 25 times as much as fixing the issue in the design stage

B. Releasing a patch costs 5 times as much as fixing the issue in the design stage

C. Releasing a patch is actually the most efficient and cost effective way of solving issues

D. Releasing a patch costs 60 times as much as fixing the issue in the design stage

Correct Answer: D

QUESTION 11

Fred has just finished developing a number of ASP pages that will be posted to his company\\'s website. Fred does not want the page\\'s source code viewed by anyone, so he decided to encode the pages to make the source code unusable.

What will the following command accomplish?

screnc /e asp *.* c:\tmp

A. Create an MD5 hash for all ASP files in the c:\tmp directory

B. Encode all ASP files in current directory as ASP files and place them in the c:\tmpdirectory

C. Encode all ASP files and place them in the c:\tmp directory

D. Encode all ASP files in in the c:\tmp and place them in the default IIS virtual directory

Correct Answer: B

QUESTION 12

Fred wants to create his web page using AJAX to make them dynamic and give them the ability to use and share data. After an internal auditor examines the compliance of Fred\\'s page, he says that they cannot be used if external visitors will be accessing the pages.

Why would the auditor not let Fred publish the pages written with AJAX?

A. Users with Java enabled will not be able to read pages

B. Not supported in older browsers

C. Users with XML enabled will not be able to read pages

D. Not supported in newer browsers

Correct Answer: B