



Exam Code: 310-301

Exam Name: Sun Certified Security Administrator

Vendor: Sun

Version: DEMO

Part: A

1: What command loads a DSA identity into a Solaris Secure Shell authentication agent?

- A.ssh-add
- B.ssh-agent
- C.ssh-keyadd
- D.ssh-keyload
- E.ssh-load-identity

Correct Answers: A

2: What cryptographic assurance is provided by public key cryptography that is NOT provided by secret key cryptography?

- A.integrity
- B.confidentiality
- C.authentication
- D.non-repudiation

Correct Answers: D

3: /var/adm/messages contains this output:

```
Jan 28 21:23:18 mailhost in.telnetd[20911]:  
      [ID 808958 daemon.warning] refused connect from  
      ns.foo.com (access denied)
```

Why was this line generated?

- A.A user connecting from ns.foo.com failed to authenticate.
- B.The user daemon is not allowed to log in from ns.foo.com.
- C.A portscan was run against mailhost from ns.foo.com.
- D.The TCP Wrapper configuration does not allow telnet connections from ns.foo.com.

Correct Answers: D

4: Which two types of host keys are supported by Solaris Secure Shell? (Choose two.)

- A.AES
- B.RSA
- C.DSA
- D.DES
- E.3DES

Correct Answers: B C

5: Which is a public key encryption algorithm?

- A.AH
- B.AES
- C.RSA
- D.PGP
- E.IDEA

Correct Answers: C

6: Which cryptographic assurances are provided by SSL?

- A.confidentiality, integrity, availability
- B.authorization, confidentiality, message integrity
- C.confidentiality, client authentication, server authentication
- D.authentication, confidentiality, access control, non-repudiation

Correct Answers: C

7: Click the Exhibit button.

Which connection demonstrates that telnet has been denied using TCP Wrappers?

```
Connection 1
$ telnet foo.com
Trying 10.100.0.24...
Connected to foo.com.
Escape character is '^]'
Connection to foo.com closed by foreign host.

Connection 2
$ telnet foo.com
Trying 10.100.0.24...
telnet: Unable to connect to remote host: Connection refused

Connection 3
$ telnet foo.com
foo.com: Unknown host

Connection 4
$ telnet foo.com
Trying 10.100.0.24...
Connected to foo.com.
Escape character is '^]'.

SunOS 5.9

login: foo
Password:
Login incorrect
```

- A.Connection 1
- B.Connection 2
- C.Connection 3
- D.Connection 4

Correct Answers: A

8: Which command generates client key pairs and adds them to the \$HOME/.ssh directory?

- A.ssh-add
- B.ssh-agent
- C.ssh-keygen
- D.ssh-keyadd

Correct Answers: C

9: Which two services support TCP Wrappers by default in the Solaris 9 OE? (Choose two.)

- A.inetd
- B.rpcbind
- C.sendmail
- D.automountd
- E.Solaris Secure Shell

Correct Answers: A E

10: Which threat can be mitigated by setting the Open Boot PROM security mode to full?

- A.system panics
- B.booting into single user mode
- C.remotely accessing the console
- D.logging in as root at the console

Correct Answers: B

11: Which is uncharacteristic of a Trojan horse program used to escalate privileges?

- A.It is installed in /usr/bin.
- B.It is owned by a normal user.
- C.It has the same name as a common program.
- D.It contains additional functionality which the user does not expect.

Correct Answers: A

12: Which setting in the /etc/system file limits the maximum number of user processes to 100 to prevent a user from executing a fork bomb on a system?

- A.set maxuprc = 100
- B.set maxusers = 100
- C.set user_procs = 100
- D.set max_nprocs = 100

Correct Answers: A

13: The system administrator finds a Trojaned login command using md5 and the Solaris Fingerprint Database. What is true about the system administrator's incident response tasks?

- A.The server must be rebuilt.
- B.BSM will identify the attacker.
- C.All other replaced system files can be identified using md5 and the Solaris Fingerprint Database.
- D.All other replaced system files can be identified using md5 and the Solaris Fingerprint Database and replaced with trusted versions.

Correct Answers: A

14: Which two regular user PATH assignments expose the user to a Trojan horse attack? (Choose two.)

- A.PATH=/usr/bin:/bin
- B.PATH=/usr/bin:/sbin:/usr/sbin
- C.PATH=/usr/bin:/sbin:/usr/sbin:
- D.PATH=./usr/bin:/sbin:/usr/sbin

Correct Answers: C D

15: How do you distinguish between denial of service attacks and programming errors?

- A.You cannot make this distinction.
- B.You examine the audit events for the process.
- C.You verify that the process user ID is that of a valid user.
- D.You check the binary against the Solaris Fingerprint Database.

Correct Answers: A

16: User fred runs a program that consumes all of the system's memory while continuously spawning a new program. You decide to terminate all of fred's programs to put a stop to this. What command should you use?

- A.kill -u fred
- B.pkill -U fred
- C.passwd -l fred
- D.kill `ps -U fred -o pid`

Correct Answers: B

17: Which evasion technique can NOT be detected by system integrity checks?

- A.installing a rootkit
- B.adding user accounts
- C.abusing an existing user account
- D.installing a loadable kernel module

Correct Answers: C

18: Which statement about denial of service attack is FALSE?

- A.Denial of service is always preventable.
- B.Multiple machines may be used as the source of the attack.
- C.Service is denied on the victim host when a key resource is consumed.
- D.A denial of service attack is an explicit attempt by an attacker to prevent legitimate users of a service from using that service.

Correct Answers: A

19: Which command can customize the size for system log file rotation?

- A.dmesg
- B.logger
- C.logadm
- D.syslog
- E.syslogd

Correct Answers: C

20: Which syslog facility level specification can be used to record unsuccessful attempts to su(1M)?

A.su.warning

B.cron.debug

C.kernel.alert

D.auth.warning

Correct Answers: D