

## QUIZ

True or False: Security Misconfiguration can NOT be caused by insecure default settings.

False: Security Misconfiguration CAN be caused by insecure default settings.



Good job! This is a common cause of security misconfiguration.

True, Security Misconfiguration can NOT be caused by insecure default settings.

Complete this sentence: "Security Misconfiguration is dangerous because it reduces an environment's \_\_\_"

Operating Efficiency

Confidentiality

Attack Surface

Overall Security



Good job!

True or False: The primary danger of Security Misconfiguration is that a single, serious mistake will single-handedly allow an attacker to bypass security measures.

True: That is the primary danger of Security Misconfiguration.

False: That is NOT the primary danger of Security Misconfiguration.



Good job! While this example isn't impossible, Security Misconfiguration usually involves lots of small mistakes.

During troubleshooting, a technician disables an important firewall rule, and neglects to re-enable it. Is this an example of Security Misconfiguration?

No, this is NOT an example of Security Misconfiguration.

Yes, this is an example of Security Misconfiguration.



Good job! The firewall was (presumably) correctly configured, but that configuration was modified in a way that reduced security.

A system administrator forgets to disable the default admin account (with username and password admin:admin) on a newly setup server. Is this an example of Security Misconfiguration?

Yes, this is an example of Security Misconfiguration.



Good job! The default configuration was insecure, and the sysadmin didn't change it.

No, this is NOT an example of Security Misconfiguration.

Which of the following scenarios best demonstrates Security Misconfiguration?

A bug in an authentication system allows an attacker to bypass the authentication process.

A newly-discovered mathematical weakness in an encryption algorithm allows attackers to intercept data sent by software configured to use that algorithm.

A computer running a legacy OS is compromised due to unpatchable vulnerabilities.

A bank website does not properly enforce the use of strong encryption algorithms, allowing for man-in-the-middle attacks.



Good job! Unenforced encryption is a well-known type of Security Misconfiguration.

Complete this sentence: "Security Misconfiguration is a type of vulnerability where security is impeded due to..."

Which software is used.

How software is used.

How software is configured.



Good job!

Badly designed software.

True or False: Security Misconfiguration can be caused by changes made from default configurations.

False: Security Misconfiguration can NOT be caused by changes made from default configurations.

True: Security Misconfiguration can be caused by changes made from default configurations.



Good job!