QUIZ

Complete this sentence: "Identification Failures are a category of vulnerability where..."

Authorization fails in a way that's insecure.

Authentication fails in a way that doesn't compromise security.

Authentication fails in a way that compromises security.

👏 Good job! It isn't just failing that's the issue, but failing insecurely.

Authentication works fine and nothing goes wrong.

True or False: Lack of MFA does NOT constitute an Identification and Authentication Failure.

True, Lack of MFA does NOT constitute an Identification and Authentication Failure.

False, Lack of MFA DOES constitute an Identification and Authentication Failure.

👏 Good job! MFA support is required for modern authentication systems!

Which of the following statements most accurately describes the danger of Identification and Authentication Failures?

An attacker can impersonate someone, and appropriate their authentication.

People will get mad at the authentication system.

An attacker can impersonate someone, and appropriate their privileges and authorization.

👏 Good job! Better hope those privileges aren't admin privileges!

An attacker can pretend to be someone they aren't.

Complete this sentence: "The purpose of authentication is to establish identity, which is linked to ..."

Authorization and privileges.

👏 Good job!

Authentication and identity.

Rules and regulations.

True or False: Being vulnerable to automated attacks counts as an Identification and Authentication Failure.

False, being vulnerable to automated attacks does NOT count as an Identification and Authentication Failure.

True, being vulnerable to automated attacks counts as an Identification and Authentication Failure.

👏 Good job!

True or False: Session and Token Issues are a cause of Identification and Authentication Failures.

False, Session and Token Issues are NOT a cause of Identification and Authentication Failures.

True, Session and Token Issues are a cause of Identification and Authentication Failures.

👏 Good job! Session and Token issues can let an attacker bypass authentication altogether!

Which of the following is NOT an example of an Identification and Authentication Failure?

A website will email you your password if you forget it.

A website has an account creation form that will not allow you to use a password that is used by another account.

A website doesn't support multi-factor authentication.

A website's authentication server goes offline for an hour. During that hour, no one is able to login.

👏 Good job! The authentication system did fail, but it failed in a way that didn't compromise security.

Which of the following methods of authentication is most likely to be involved in an Identification and Authentication Failure?

Password-Based Authentication.

👏 Good job! Not only is it widely used, it also has problems not found in other methods of authentication!

Device-Based Authentication.

Token-Based Authentication.

Multi-Factor Authentication.