

### Question 1

Fill in the blank: Threat modeling is a process that security teams use to \_\_\_\_\_ attacks. 1 / 1 point

conduct

anticipate

engineer

remediate

Correct

Threat modeling is a process security teams use to anticipate attacks by examining organizational assets from a security-related perspective.

### Question 2

Which of the following are steps of a threat modeling process? Select three answers. 1 / 1 point

Mitigate risks.

Correct

Identify threats, characterize the environment, and mitigate risks are some steps of a typical threat modeling process. Mitigating risks is the fifth step of the process when security teams decide whether to avoid, transfer, reduce, or accept risks that were identified.

Characterize the environment.

Correct

Identify threats, characterize the environment, and mitigate risks are some steps of a typical threat modeling process. Characterizing the environment is the third step of threat modeling where security teams examine who and what interacts with assets.

Identify threats.

Correct

Identify threats, characterize the environment, and mitigate risks are some steps of a typical threat modeling process. Identifying threats is the second step of the process when security teams define any potential threats to their assets.

Classify assets.

### Question 3

A threat modeling team has identified potential threats and vulnerabilities that might be exploited. The team creates a diagram that maps the threats to assets. What type of diagram is this known as? 1 / 1 point

An attack surface

An attacker mindset

An attack tree

An attack vector

Correct

The type of diagram the team created is an attack tree. An attack tree is a diagram that maps threats to assets.

Question 4

Which of the following are threat modeling frameworks? Select two answers. 1 / 1 point

NIST

XSS

Trike

Correct

PASTA and Trike are threat modeling frameworks. Like other threat modeling frameworks, they can be used to proactively reduce risks to a system or business process.

PASTA

Correct

PASTA and Trike are threat modeling frameworks. Like other threat modeling frameworks, they can be used to proactively reduce risks to a system or business process.

Question 5

What are the objectives of PASTA or any other threat modeling activity? Select three answers. 1 / 1 point

Document potential risks.

Correct

The objectives of PASTA or any other threat modeling activity is to document potential risks, prepare fixes, and improve security plans. Documenting potential risks is a key to protecting assets because it creates a record of an asset's vulnerabilities and where threats can come from.

Improve security plans.

Correct

The objectives of PASTA or any other threat modeling activity is to document potential risks, prepare fixes, and improve security plans. Threat modeling captures the current state of a security plan and highlights how it can be improved.

Prepare fixes.

Correct

The objectives of PASTA or any other threat modeling activity is to document potential risks, prepare fixes, and improve security plans. Threat modeling helps identify plans to mitigate or remediate vulnerabilities.

Eliminate all future attacks.