

9.3.4 Threat Modeling [AVCDL-Design-4]

Owner

Group: Security

NCWF Role: Security Architect

Administration

security	devops	development	risk
R	-	R	R

Threat modeling is an exercise which may be done at any stage of development. It realizes an abstraction of the system as a set of interacting processes managing resources passing data between them. It is on these data flows that automated threat modeling tools reason.

In that same way that security requirements should be considered at multiple levels in order to provide a complete landscape, so to do threat models.

Note: Threat modeling is a team exercise, encompassing program/project managers, developers, and testers, and represents the primary security analysis task performed during the software design stage.

Note: The threat modeling AVCDL work products are generated through application of the threat prioritization plan set out in [AVCDL-Foundation-9] **Threat Prioritization Plan**.

Training Provided

yes

Phase Requirement Dependencies

[AVCDL-Foundation-9] Threat Prioritization Plan

[AVCDL-Design-1] Apply Security Requirements and Risk Information to Design

External Group Product Dependencies

Group	Inputs
Devops	none
Development	Element detailed design
Risk	none
