

At T^* Attacker deploys vulnerability v

$\Theta_{V \cup \{v\}} N \rightarrow$

$$N(\Theta_{V \cup \{v\}}, \Delta) = \int_{\max\{\Delta, T^*\}}^{\infty} \min\{N(\Theta_V, t - \Delta, \Delta), N(\Theta_{V \cup \{v\}}, t, \Delta)\} dt$$

Attempted attacks on $v_0 \in V$

$\Theta_V N e^{-\lambda(t-\Delta)}$

New attacks on v after Δ

$N(\Theta_{V \cup \{v\}}, t, \Delta) \leftarrow \Theta_{V \cup \{v\}} N e^{-\lambda(t-T^*)}$

Δ

$t - \Delta \geq 0$

T^*

$t \geq T^*$

