



























Host Compromise			Definitions		
 One of earliest major Internet security incidents Internet Worm (1988): compromised almost every BSD- derived machine on Internet 		– Re	 Worm Replicates itself Usually relies on stack overflow attack 		
		• Virus	ually relies on stack overnow attack		
 Today: estimated that a single worm could compromise 10M hosts in < 5 min 		 Program that attaches itself to another (usually trusted) program 			
		• Trojar			
Attacker gains control of a host			ogram that allows a hacker a back door to mpromised machine		
– Reads data		Botnet			
 Erases data Compromises another host Launches denial-of-service attack on another host 		 A collection of programs running autonomously and controlled remotely Can be used to spread out worms, mounting DDoS attacks 			
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