

Comparison Table/ Methods of Attack

Overall concept / Malicious software			
Viruses	Worms	Trojan Horses	
<ol style="list-style-type: none"> 1. damage a system, 2. destroy data, 3. deny access to networks, systems, or services 4. forward data and personal details from unsuspecting PC users to criminals 5. replicate themselves and spread to other hosts connected to the network. 			Like Characteristics
<ol style="list-style-type: none"> 1. runs and spreads by modifying other programs or files 2. needs to be activated 3. replicate itself and spread 4. use all available memory and bring a system to a halt 5. delete or corrupt specific files before spreading 	<ol style="list-style-type: none"> 6. not need to attach itself to an existing program 7. uses the network to send copies of itself to any connected hosts 8. infect large parts of the Internet quickly 	<ol style="list-style-type: none"> 9. relatively harmless 10. can damage the contents of the computer's hard drive 11. create a back door into a system allowing hackers to gain access 	Unlike Characteristics
<ol style="list-style-type: none"> 1. transmitted via email attachments, 2. downloaded files, 3. instant messages 4. via diskette, CD or USB devices 	<ol style="list-style-type: none"> 5. run independently and spread quickly 6. not require activation or human intervention 	<ol style="list-style-type: none"> 7. relies upon its legitimate appearance to deceive the victim into initiating the program. 	Transmission
Summary			