65370 Notes veek 9

Malware - Malicious software that violates a sewaty poucy

Virus: Attaches to program, hops I (and worms) use upp packets, no Ack.
to other programs (an spread by drive-by (websites)

trojan: Confains unexpected functionally logic Bomb: triggers on logic event time Bomb: triggers at a given time trapdoor: allows unauthorized access

to functionally Worm: propagates through network, Dormant, spread, trigger, execute payload Rabbit: replicates to exhaust resources Netbot: trapdoor achestrated through

control channel Root Kit: hooks OS calls to hise Pata How do as malware get onto computers? -> everything from USB's to SQL uulns IPV6: It is much harder to find good hosts

Virus Scanner Generations -1] signatures

2] Herrishes and integrity Checks

3) yehavior based

4 multiple.

no patch when vuln is discovered / released she Pill Rootest - installs a hypervisor layer

Dormant - walting Propagate - replicate to other locations Triggering - triggered Exewton - exewter payload - can attach to programs (slart or end, or within), (more below)

worms scan in patterns - this can be recognited and the worm can be found.

Macros Viruses

- Mobile wode, interpreted not complied - Interpreted by file running the Program

- appear to be seemedato, not code - check hashes; don't trust anyone

- Scan for viruses (though 250%, effec.)

- used to be able to scan for Signatures, not any more

La polymorphic: many different but same-functioning copies of urus

Is stealth: tries to hide signature

Ly Encrypted: most is encrypted La Metamorphic: complete rewrite

on each infection