Recitation 24: Mirai

MIT - 6.033

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Flan * What was Mirai? Logistics * Check out the computer of * How did it work? * Exam 2 or \$16 9-11nm, Johnson Track * Why did it work & whole do we do * Course evaluations open Very important * Feedback form - post course notes? * AMA / Chilling ortside \$12 10 am-noon State Amphithertre What was the Mirai botnet? Tsunami of traffic Target Botnet = large fleet of hijocked machines that one entity controls. Purpose: \$ \$ \$ Distributed Dos { political basiness gaming} Span mail

Technique:
2) Try common vac/pas pairs
3) Ona logged in, infect machine
The attack is simple enough that any of us could do it.
DO NOT TRY THIS AT HOME?
Scanning like this is very common
Show market logs Be careful of upon Show country analysis have a machine u/ Logs None a machine u/ Logs Country analysis a public IP (e.g. story at Starford)

Things of note * Different Mira: "fknors" affer cocle leabed * Mirai used to DDOS Mirai CI server * Mirai competes against Mirai for hosts Targets Discuss : _ yroips?

Why did it work? - No one thought that there were security critical > Unsafe defaults - Devices are not partched How often do you update your TV /router / dorbell /to-ster? - Devices on span Internet - open by default Also: Incentive problemo s cost of security paid by, you and taster rendor ***! s benefit of security ocurres to people gotting DDS'd. Remember back to our first paper "We did nothing wrong"...

What do we do about it? (Similar to premoting bown rebberies?) - Mandate safe defaults? (CA law)
25 "connected device" has to have unique pass
or asked on 1st boot - Mondate updates? - Improve law enforcement / a quontability? - Eliminate payment chancels?

for next time ... - Lok at past papers, post exams Bring your questions? - Is there anything particular you'd like us Shenrycy com/feed bade Submit your subject

evaluations, please please?