wo What is INATHER older 114 1/1 old old NAT (Network / Address Translation) is a process lone by a nouter for similar device that changes the IP addresses in data parkets as they move blue a private network It translates private il address (used inside local network) into a single publicate address lassigned to the monton)
so that devices in the network can share one 1 public 1P address to guess the interinct of · This allows multiple devices its qu' online vising just one hiding internal IP addresses from the districte world of How NAT Works —

1500 in a home network devices like a laptop smartphone I had gaming warsok each have private IP addresses leg 192.168. 1.10, 192.168.1.113, 16.00 192.168.1.12) The mouten has - 4/ 1/1/2 0 1. A LAN interface with a private 1P/6/192:168,1.1) When the laptop (192.166.1.10) tries to visit a website (like Notes uses NAT to change the source IP from 192.168.1.10 to its This modified parket goes to the Twebsite. The Web server responds to the router's public IP. The router then do how I filder our areal of classes with

08.00 looks into it's NAT table, which I maps - 111 203.0.113.50:4444 192168 1.10:5555

9.00 | The port numbers one temporary and used to track

connections

The nonter translates the public IP back to the laptops

of the nonter translates the public IP back to the laptops The nontern translates the public IP back to the laptops

private IP and forwards the response to the laptop

incompleting the communication of

one public IP for inturned areas of

types of NAT

fore are three main types of NAT, each used for

afterent purpose

from private device always uses the same public IP

Fack private device always uses the same public IP

Assigns a public IP from a pool to a private IP

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The implying changes based and all of the aventual Incompany INAT Type on the private found a mail Mary private IPs share one public IP, and each

connection is tracked using port numbers.

Allows multiple devices to access internet at the same using a single public IP.