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1. What is the main purpose for implementing NAT on a network?
   1. The main purpose of implementing NAT on a network is to enable multiple devices with private IP addresses to share a single public IP address.
2. At what layer of the OSI model does NAT happen?
   1. NAT happens at layer 3 (Network) on the OSI model.
3. What happens to packets when NAT runs out of addresses in the pool of available IPs?
   1. NAT may simply drop incoming connection requests from new devices or deny them access to the internet.
4. What disadvantage does using NAT pose for routers?
   1. NAT adds complexity to router configurations.