**Quiz 8**

**Topic: Network Hardware**

1. Sarah is setting up a home network consisting of multiple devices. Explain how the Network Interface Card (NIC) facilitates communication between Sarah's devices and the internet.

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1. Alex wants to understand the difference between Universally Administered Addresses (UAA) and Locally Administered Addresses (LAA) in MAC addresses. Provide a brief explanation, including examples of each type.

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1. Describe the function of a MAC address and why it is considered unique to each network device.

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