

Quiz12-1 Check Your Understanding - MAC and IP

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Student number & Your name *

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Teacher



1. What destination MAC address would be included in a frame sent from a source device to a destination device on the same local network?

* 1 point

- ☒ The MAC address of the destination device.
- ☐ A broadcast MAC address of FF-FF-FF-FF-FF-FF.
- ☐ The MAC address of the local router interface.

2. What destination MAC address would be included in a frame sent from a source device to a destination device on a remote local network?

* 1 point

- ☒ The MAC address of the local router interface.
- ☐ The MAC address of the destination device.
- ☐ A broadcast MAC address of FF-FF-FF-FF-FF-FF.

3. What two protocols are used to determine the MAC address of a known destination device IP address (IPv4 and IPv6)? * 1 point

☐ DHCP

☒ ND

☐ DNS

☒ ARP

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