**PreLab**

**(IPv6)**

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1. Which type of packets are addressed and delivered to only a single interface?

 **Unicast**

1. Which type of address is used just like a regular public routable address in IPv4?

 **Global unicast addresses**

1. IPv4 had a loopback address of 127.0.0.1. What is the IPv6 loopback address?

**0:0:0:0:0:0:0:1**

1. Write the following IPv6 addresses in shortened expressions:
2. 2001:0DB8:3C4D:0012:0000:0000:1234:56AB

 **2001:DB8:3C4D:12::1234:56AB**

1. FE80:0BA5:0000:0000:5210:0000:0000:02A1

 **FE80:BA5::5210::2A1**

1. 2001:0000:0008:AA00:0000:22FF:FE00:002A

 **2001:0:8:AA00:0:22FF:FE00:2A**