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This is frame 4 of the attached packet capture.

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| **Field** | **Value** | **Description** |
| OP Message OP Code/message type | 2(Boot Reply) | The 2 means that this message is a reply from the server to the client. In this case, the message is an ACK. |
| Htype | 1(Ethernet) | The 1 here means that the type of hardware used for local network is Ethernet. |
| Hlen | 6(10Mb Ethernet) | 6 is the length of the hardware addresses in this message. In this case, 6 is the length given to IEEE 802 MAC Addresses. |
| Hops | 0 | This field is used by Relay Agents and indicates on how many networks a DHCPDiscover has existed. In client packets, this field is not used at all. |
| Xid | 0xbd008ec2 | This 32 bit ID field is generated by the client and allows it to match up requests with replies from the DHCP server. |
| Secs | 0 | Number of seconds elapsed since the client began an attempt to acquire or renew a lease. |
| Flags | Broadcast Flag: 0(Unicast)  Reserved Flag:0000 | The broadcast flag indicates that the server should reply via Unicast. The Reserved flag is set to zero and is not used. |
| Ciaddr | 0.0.0.0 | The Client IP address is currently set to 0 because the client does not have a valid IP address. This is because at this time the client is in the process of acquiring an address from the server. |
| Yiaddr | 10.20.181.200 | This is the IP address that the server is assigning to the client. |
| Siaddr | 0.0.0.0 | This is usually the address of the next server to use in the next step of the client’s bootstrap process. Since the client is renewing its address, there is no next server in the process and the address is set to 0. |
| Giaddr | 0.0.0.0 | The Gateway IP address field is not used by clients. |
| Chaddr | IntelCor\_33:da:ec(00:21:6b:33:da:ec) | This is the hardware address of the client(the MAC address). |
| Sname | Name not given(optional) | The server sending the ACK may put its name in this field. In this case, it has chosen not to. |
| File | Not given | This is optionally used by clients to request a particular type of boot file in a DHCPDISCOVER message. |
| **Options** | | |
| 53 | DHCP Message Type: 5 | Value 5 indicates this message is an ACK. |
| 54 | DHCP Server identifier: 1.1.1.1 | This field is used by clients as the destination address for any DHCP messages unicast to the DHCP server. In this case, 1.1.1.1 is the address of the virtual interface being used by the DHCP server. |
| 51 | IP Address Lease time: 259164s | The lease time for the assigned address is 2 days, 59 minutes, and 24 seconds |
| 1 | 255.255.224.0 | Subnet Mask |
| 15 | Towson.edu | Domain Name |
| 3 | 10.20.191.254 | Router IP Address |
| 6 | 10.20.1.6  10.20.1.5 | Domain Name Server |
| 43 |  | Vendor Specific Information is not given. |
| 81 | manny02-LAPTOP.towson.edu | Client Fully Qualified Name. Also known as client. |
| 255 | 255 | END. This marks the end of the DHCP options area. |