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Chapter 7

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| **Across****3.** An IPv6 multicast address is used to send a single IPv6 packet to multiple destinations.**6.** What is a layer of the OSI model map to the application layer of the TCP/IP model that starts with letter P?**9.** In which alternative to DHCPv6 does a router dynamically provide IPv6 configuration information to hosts?**10.** Which technology is most often used to connect devices to a PAN?**12.** Which laptop component makes use of throttling to reduce power consumption and heat?**14.** What PDU is associated with the network layer of the OSI model?**16.** Which network device makes forwarding decisions based on the destination MAC address that is contained in the frame?**20.** What uses IP addresses to forward traffic from one network to other networks?**22.** used to communicate with other devices on the same local link**24.** Which network migration technique encapsulates IPv6 packets inside IPv4 packets to carry them over IPv4 network infrastructures?**25.**  Automatic Private IP Addressing addresses known as the abbreviation...?**28.** What is used by Cisco routers to exchange routing information between routers?**29.** There are three types of IPv6 addresses what do they all end with**30.** What type of devices are typically assigned static IP addresses**33.** Which laptop component converts DC power to AC power?**35.** allows IPv6-enabled devices to communicate with IPv4-enabled devices using a translation technique**36.** An ICMP Echo Message can be used to determine if a host is what?**38.**  IPv6 uses what field to determine if the packet has expired**39.** This part of the address is the equivalent to the host portion of an Ipv4.**40.** What is a layer of the OSI model map to the application layer of the TCP/IP model that starts with S? | **Down****1.** The router cannot forward an IPv6 packet because the packet has done what?**2.** allows IPv4 and IPv6 to coexist on the same network segmen**4.** What is a layer of the OSI model map to the application layer of the TCP/IP model that stats with letter A?**5.** What is the abbreviation for round trip time**7.** The method of transporting an IPv6 packet over an IPv4 network**8.** What is the goal of the native IPv6**11.** Which layer of the OSI model is responsible for logical addressing and routing?**13.** A stateful DHCPv6 server allocates and maintains a list of which device receives which IPv6 address. DHCP for IPv4 is what?**15.** An IPv6 anycast address is any IPv6 unicast address that can be assigned to multiple devices**17.** RIRs are responsible for allocating what?**18.**  IPv6-enabled devices on the same link and only on that link called what term?**19.** This network portion of the address is assigned by the provider.**21.**  Time Exceeded message is used by a router to indicate that a packet cannot be forwarded because of the packet was decremented to 0?**23.**  An IPv6 unicast address uniquely identifies an interface on an IPv6-enabled device**26.** What can use to test the path of hops?**27.** An IPv6 link-local address enables a device to do what?**31.** Which technology will allow a mobile device to share an internet connection with other devices via tethering**32.** How many devices can a Bluetooth device connect to simultaneously?**34.** The RFC divided the unicast ranges into specific groups called what?**37.** What command for IPv6 is identical to the command used with IPv4 |