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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 |