Graded Assessments

Quiz: IPv6 Compressions

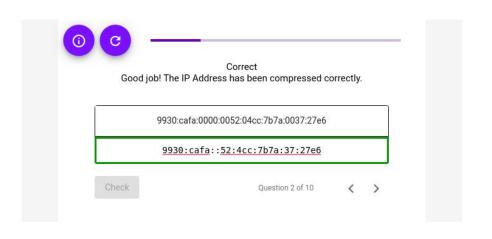


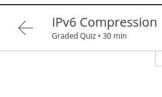
IPv6 Compression
Graded Quiz • 30 min

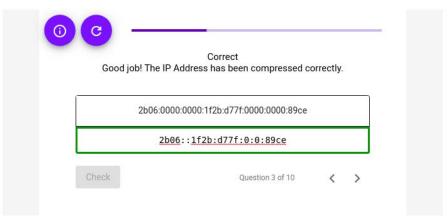




K

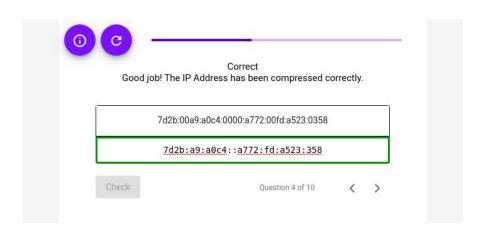






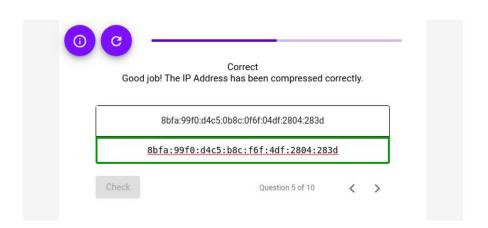
← IPv6 Compression Graded Quiz • 30 min

K





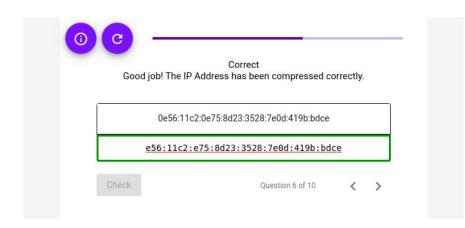
K



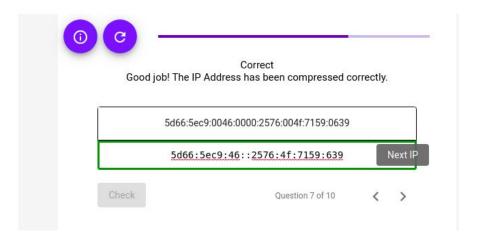
← IPv6 Compression Graded Quiz • 30 min

click the expand battom (shown below) to show the fair screen or the activity.

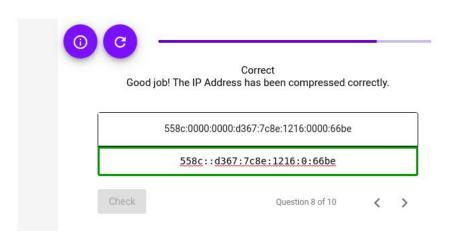
K Z

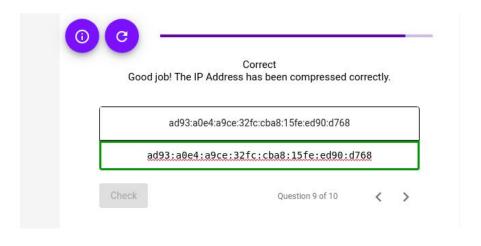






← IPv6 Compression Graded Quiz • 30 min









Quiz: Troubleshooting and the Future of Networking

- 1) When you send an echo request message with the ping program, a successful attempt will return a(n)_____ message.
 - a) Pong
 - b) Echo reply
 - c) Blank

	d)	error
2)	One of	f Google's public DNS servers is 8.8.8.8. The other one is
	a)	0.0.0.0
	b)	255.255.255
	c)	8.8.4.4
3)	An org	anization responsible for assigning individual domain names to others
	organi	zations or individuals is known as a(n)
	a)	DNS registrar
	b)	Internet authority
	c)	Autonomous system
	d)	Government
4)	Follow	ing rules of compaction, the IPv6 address
	2001:0db8:0000:0000:0000:ff00:0012:3456 could also be written as	
	a)	21;db8:ff:12:3456
	b)	2001:db8:ff00:12:3456
	c)	::1
	d)	0000:0000:0000:0000:0000:0000:0001
5)	For all	IPv6 addresses, the network ID is always the first bits.
	a)	16
	b)	32
	c)	64
	d)	128
6)	A cyclical redundancy check (CRC) is an example of what type of built-in protocol	
	mechanism?	
	a)	Time to Live (TTL) expiration
	b)	Misconfiguration error
	c)	Error recovery
	d)	Error detection
7)	Most public Domain Name Servers (DNS) are available globally through which	
	techno	•
	•	Time to live (TTL) field
	•	Echo request
	-	Anycast
	,	Hosts file
	You need to prove ownership of a domain name for an upcoming transfer to a new	
	registrar. Which Domain Name System(DNS) record do you create to prove	
	owner	·
	-	Text (TXT)
	•	Name server (NS)
	-	Service (SRV)
	-	Canonical Name(CNAME)
9)		IT decision maker, you plan to satisfy business needs by using software as a
	service	e. Which option do you deploy?

a) Office 365b) Virtual firewall

c) Windows Server 2019

- d) Linux workstation
- 10) How many zeros are found at the beginning of an Internet Protocol (IP) v6 address that correlate to a v4 address?
 - a) 40
 - b) 32
 - c) 80
 - d) 128
- 11) The first field of an internet control message protocol packet specifies the message type. Which choices represent message type examples? Check all that apply.
 - a) Destination network unreachable
 - b) Destination port unreachable
 - c) Time exceeded
 - d) Destination unreachable
- 12) When registering a new domain name, either the registrar's servers or self-owned servers can be used as name servers. What function will the name servers provide for the domain?
 - a) Address reservation
 - b) Error recovery
 - c) Domain Transfer
 - d) Authoritative
- 13) A company runs sensitive technologies locally, while entrusting elss-sensitive technologies to a broader user base. Which cloud delivery model is being used?
 - a) Private
 - b) Community
 - c) Public
 - d) Hybrid
- 14) Internet Protocol (IP) v6 addresses are written out in which format?
 - a) 6 groups of 32 bits
 - b) 8 groups of 16 bits
 - c) 4 groups of 16 bits
 - d) 8 groups of 12 bits
- 15) When the ping command is used, output is similar across operating systems. Which two values are displayed as part of the output? Check all that apply.
 - a) Round-trip time
 - b) Port number
 - c) Gateway address
 - d) Message byte size
- 16) What size is an Internet Protocol (IP) v6 payload field?
 - a) 16- bit
 - b) 8- bit
 - c) 20- bit
 - d) 32-bit