IPv6 Compression Rules

Exercise Objectives

Using the two rules of IPv6 compression, edit each IPv6 address until it is in the shortest form possible, then click 'Check'. You have 10 addresses to compress.

Compression
led Quiz • 30 min

IPv6 Compression Rules

Keyboard Usage

Using the two rules of IPv6 compression, edit each IPv6 address until it is in the shortest form possible, then click 'Check'. You have 10 addresses to compress.

Correct
Good job! The IP Address has been compressed correctly.

```
Original IPv6 Address
00c8:b434:06ee:ec2f:03c9:01ce:765d:a66b
```

```
c8:b434:6ee:ec2f:3c9:1ce:765d:a66b
```

Question 1 of 10

Check   <   >   C

IPv6 Compression Rules

Keyboard Usage

Using the two rules of IPv6 compression, edit each IPv6 address until it is in the shortest form possible, then click 'Check'. You have 10 addresses to compress.

Correct
Good job! The IP Address has been compressed correctly.

```
                 Original IPv6 Address
      5d66:5ec9:0046:0000:2576:004f:7159:0639
```

```
      5d66:5ec9:46:0:2576:4f:7159:639
```

Question 2 of 10

Check

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IPv6 Compression Rules

Keyboard Usage

Using the two rules of IPv6 compression, edit each IPv6 address until it is in the shortest form possible, then click 'Check'. You have 10 addresses to compress.

Correct
Good job! The IP Address has been compressed correctly.

```
        Original IPv6 Address
8bfa:99f0:d4c5:0b8c:0f6f:04df:2804:283d

   8bfa:99f0:d4c5:b8c:f6f:4df:2804:283d
```

Question 3 of 10

Check < > C

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IPv6 Compression Rules

<button>Keyboard Usage</button>

Using the two rules of IPv6 compression, edit each IPv6 address until it is in the shortest form possible, then click 'Check'. You have 10 addresses to compress.

Correct
Good job! The IP Address has been compressed correctly.

```
               Original IPv6 Address
    ad93:a0e4:a9ce:32fc:cba8:15fe:ed90:d768
```

```
    ad93:a0e4:a9ce:32fc:cba8:15fe:ed90:d768
```

Question 4 of 10

Check < > ↻

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Q Search

IPv6 Compression Rules

Keyboard Usage

Using the two rules of IPv6 compression, edit each IPv6 address until it is in the shortest form possible, then click 'Check'. You have 10 addresses to compress.

Correct
Good job! The IP Address has been compressed correctly.

```
              Original IPv6 Address
   558c:0000:0000:d367:7c8e:1216:0000:66be
```

```
         558c::d367:7c8e:1216:0:66be
```

Question 5 of 10

Check

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IPv6 Compression Rules

Keyboard Usage

Using the two rules of IPv6 compression, edit each IPv6 address until it is in the shortest form possible, then click 'Check'. You have 10 addresses to compress.

Correct
Good job! The IP Address has been compressed correctly.

```
          Original IPv6 Address
7d2b:00a9:a0c4:0000:a772:00fd:a523:0358
```

```
7d2b:a9:a0c4:0:a772:fd:a523:358
```

Question 6 of 10

Check

< > C

IPv6 Compression Rules

Using the two rules of IPv6 compression, edit each IPv6 address until it is in the shortest form possible, then click 'Check'. You have 10 addresses to compress.

Correct
Good job! The IP Address has been compressed correctly.

```
                Original IPv6 Address
    0e56:11c2:0e75:8d23:3528:7e0d:419b:bdce

      e56:11c2:e75:8d23:3528:7e0d:419b:bdce
```

Question 7 of 10

Check

< > C

ression
30 min

IPv6 Compression Rules

<button>Keyboard Usage</button>

Using the two rules of IPv6 compression, edit each IPv6 address until it is in the shortest form possible, then click 'Check'. You have 10 addresses to compress.

Correct
Good job! The IP Address has been compressed correctly.

```
           Original IPv6 Address
00eb:0000:0000:0000:d8c1:0946:0272:0879
```

```
eb::d8c1:946:272:879
```

Question 8 of 10

Check   <   >   C

Using the two rules of IPv6 compression, edit each IPv6 address until it is in the shortest form possible, then click 'Check'. You have 10 addresses to compress.

Correct
Good job! The IP Address has been compressed correctly.

```
          Original IPv6 Address
9930:cafa:0000:0052:04cc:7b7a:0037:27e6
```
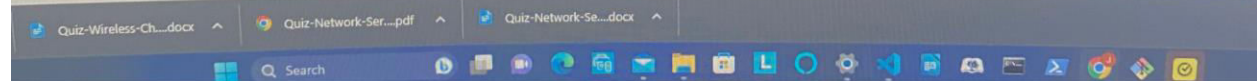
```
9930:cafa:0:52:4cc:7b7a:37:27e6
```

Question 9 of 10   Check   <   >   C

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Q Search

Using the two rules of IPv6 compression, edit each IPv6 address until it is in the shortest form possible, then click 'Check'. You have 10 addresses to compress.

Great Job!
You've successfully compressed all ten IPv6 addresses. You may continue and submit the quiz

```
                 Original IPv6 Address
      2b06:0000:0000:1f2b:d77f:0000:0000:89ce

             2b06::1f2b:d77f:0:0:89ce
```

Question 10 of 10   Check   <   >   C

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Q Search