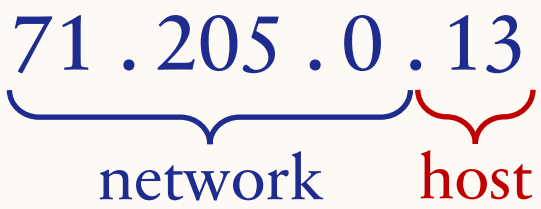
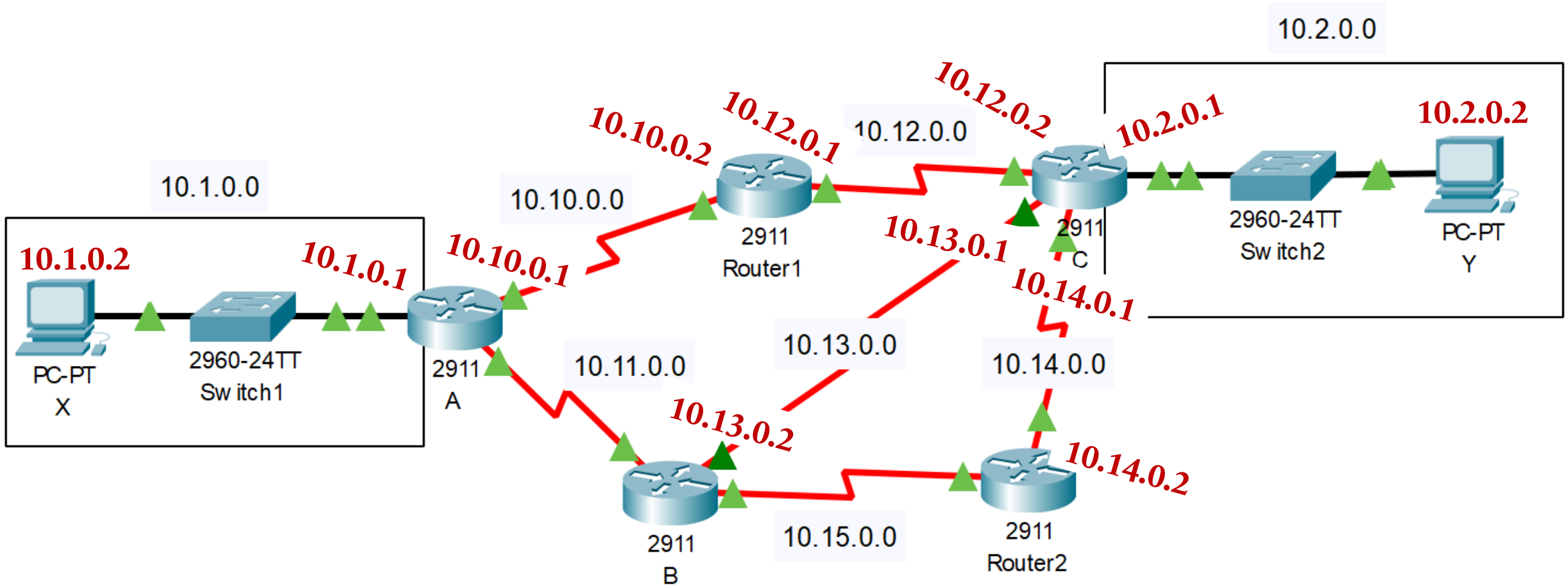
SUBNETTING

CyberQuince

IP ADDRESS “PARTS”



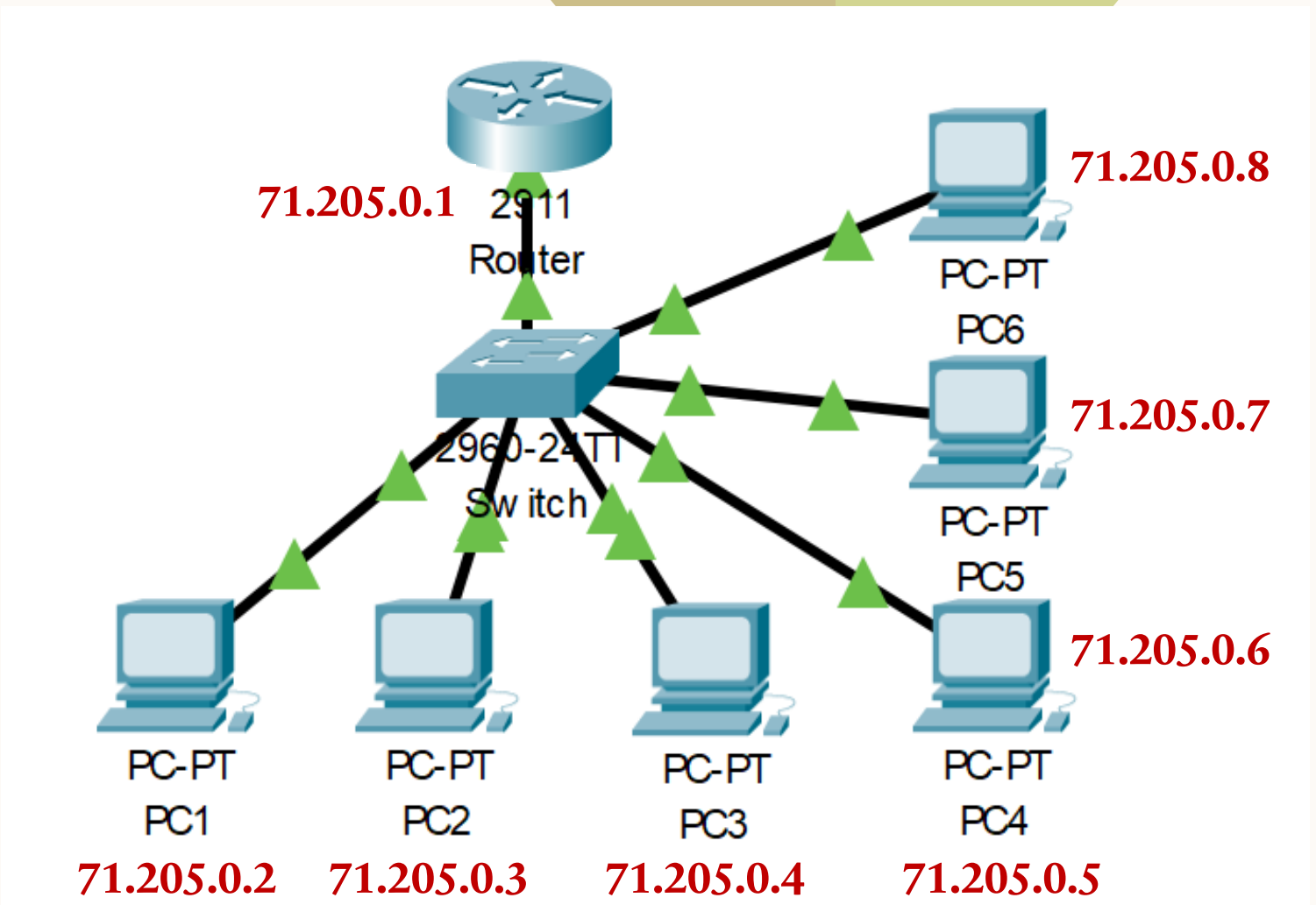
IP ADDRESS “PARTS”



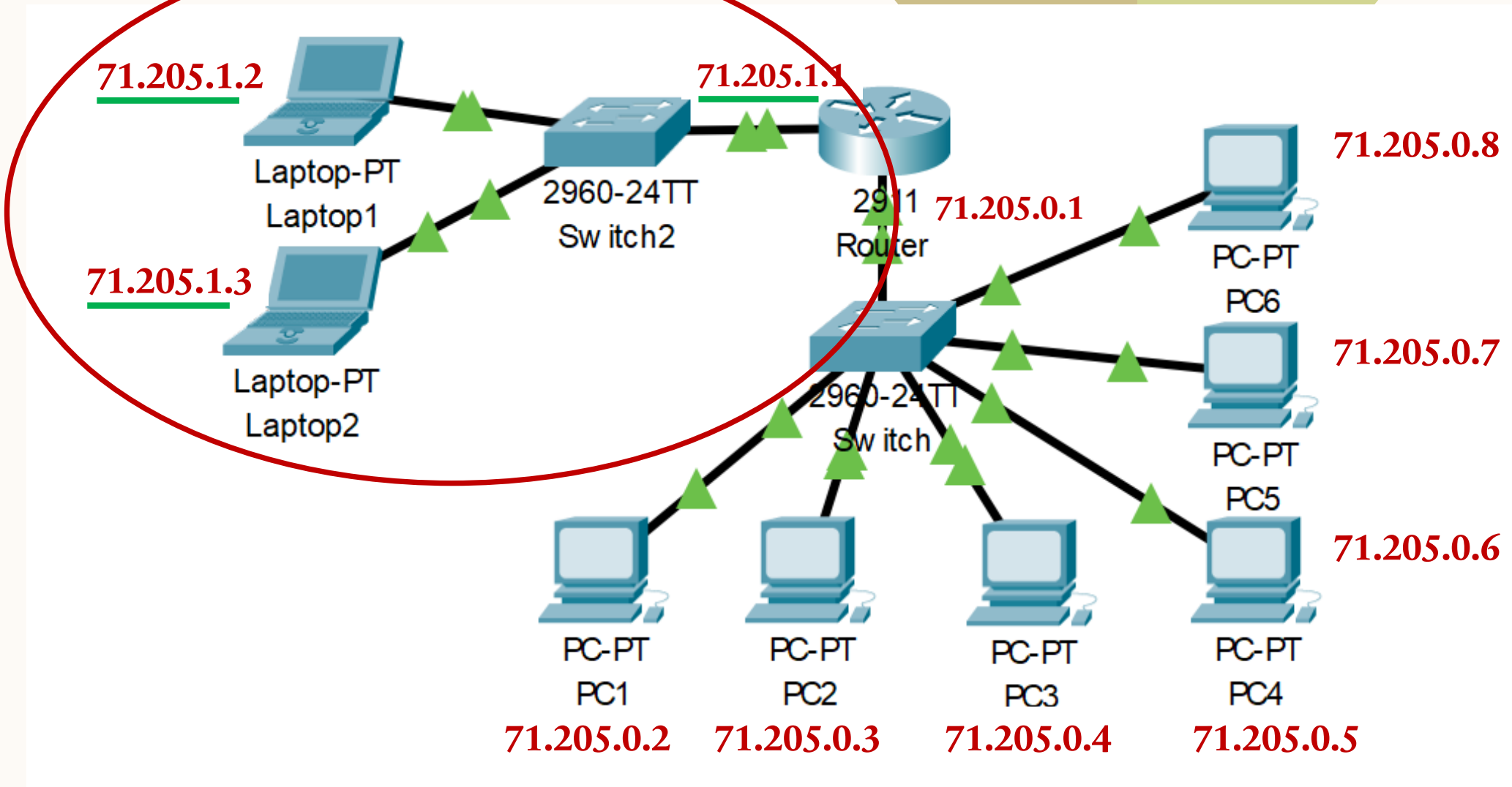
IP ADDRESS “PARTS”

71 . 205 . 0 . 13

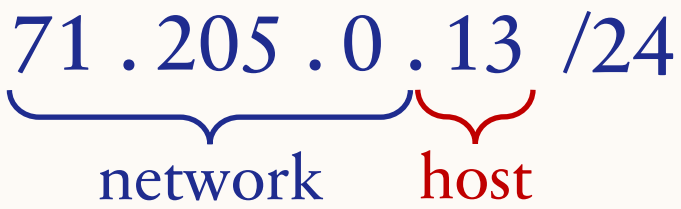
network host



IP ADDRESS "PARTS"



IP ADDRESS “PARTS”



> **A subnet mask is a 32-bit number created by setting host bits to all 0s and setting network bits to all 1s.**

- avinetworks.com

IP ADDRESS “PARTS”

71 . 205 . 0 . 13 /24

network host

01000111 . 11001101 . 00000000 . 00001101

1111111 . 11111111 . 11111111 . 00000000

24

IP ADDRESS “PARTS”

71 . 205 . 0 . 13 /16

network host

01000111 . 11001101 . 00000000 . 00001101 ← IP address

11111111 . 11111111 . 00000000 . 00000000 ← mask

16

IP ADDRESS “PARTS”

71 . 205 . 0 . 13 /16

network host

01000111 . 11001101 . 00000000 . 00001101 ← IP address

1111111 . 11111111 . 00000000 . 00000000 ← mask

16

01000111 . 11001101 . 00000000 . 00000000 = 71.205.0.0

01000111 . 11001101 . 11111111 . 11111111 = 71.205.255.255

SUBNETTING

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