

Solutions to Selected Problems in chapter 21

P. 21.2 $(24101)_{256} = 94.37$

$233.94.37.0/24$

P. 21.3 $01:00:5E:18:3C:09$

P. 21.4 by pruning n-m networks that have no interest in group.

P. 21.7 report message does not need to travel outside its own network as its only purpose is to inform the next router in the spanning tree of its group membership.

Query message does not need to travel outside the local network as it is meant to poll the local network for membership in any groups.

- P. 21.8
- a) $01:00:5E:12:48:08$
 - b) $01:00:5E:12:48:08$
 - c) $01:00:5E:12:06:08$
 - d) $01:00:5E:58:0C:08$

