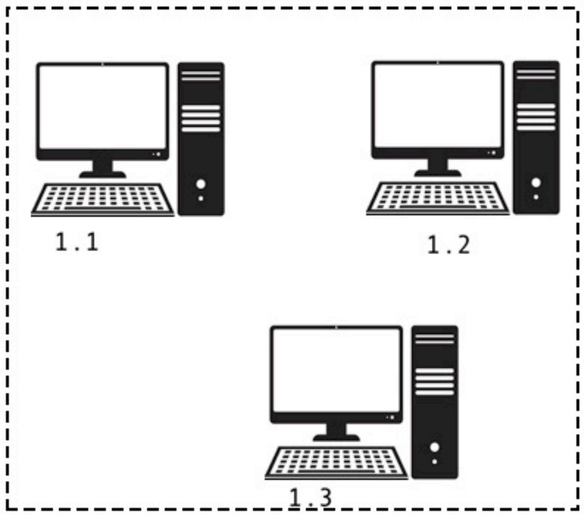
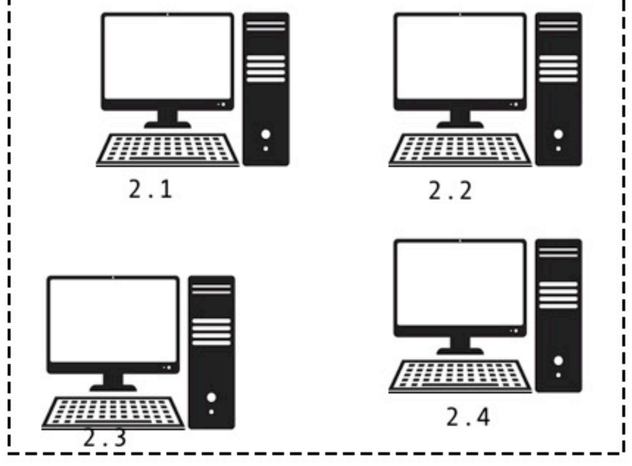
32-bit
0 - 4.1 billion

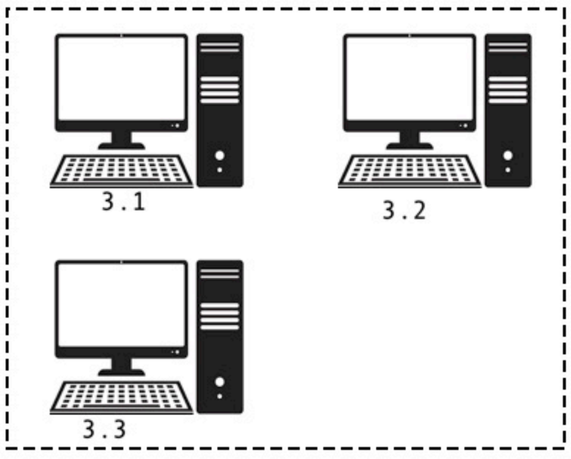
admin



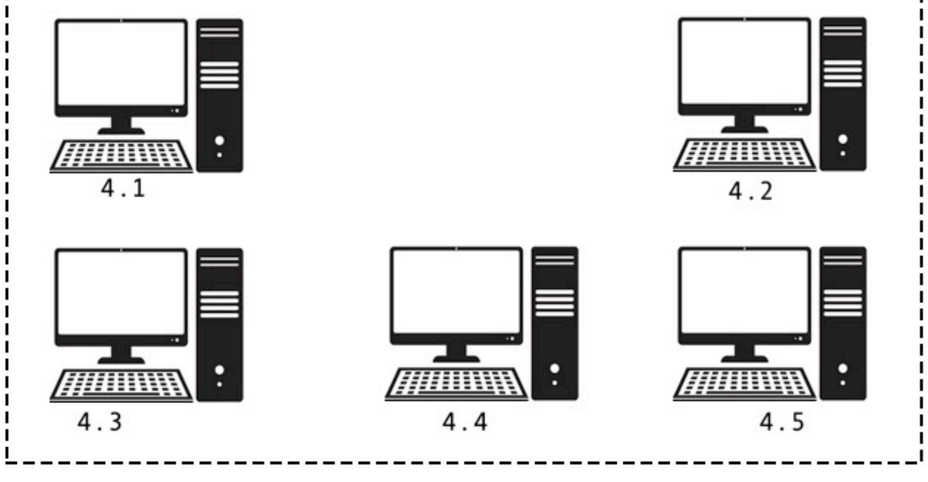
hr



finance



employee



organization
#50 computers
1 2 3 4 5 6 7… 50

1. hr department
2. finance
3. employees
4. administration

1.* -> 2.*, 3.*, 4.* allow
2.* -> 4.* (allow) any: deny
3.* -> 4.* (allow) any: deny
4.* -> deny all

1. an administrator should access any of the comptuers on the network #50
2. finance/hr department should have access to employees, but cannot access administrator computers. along with they cannot access each other too
3. employees cannot access any other computers of any group