

IPv6 Subnetting Exercise

1. Given the address 2001:1:1:1:: / 64, create four subnets only and list them below:

Prefix ID	First IP	Last IP

2. Subnet the address 2001:1:1:1::/ 64 using a 68-bit prefix and list the first three and the last subnets

Prefix ID	First IP	Last IP

3. Given address 2001:1:1:1::/112, list the first four subnets

Prefix ID	First IP	Last IP

4. List the range of addresses in the following network prefix:

- a. A:B:C:D:: /64

Prefix ID	First IP	Last IP

- b. 2001:1:1:1:: /80

Prefix ID	First IP	Last IP