1. La/Il candidata/o illustri, anche avvalendosi di esempi concreti, quali comportamenti possono favorire un clima di collaborazione proficua all'interno di gruppi di lavoro multiprofessionali, composti sia da personale di ricerca sia da personale tecnico-scientifico, in centri quali l'Istituto di Management della Scuola Sant'Anna.

2. La/Il candidata/o spieghi la seguente configurazione di iptables indichi, inoltre, il comando necessario per vedere lo stato di implementazione della configurazione su di un server in funzione.

```
# Generated by iptables-save v1.4.21 on Fri Jul 3 19:45:43 2015
*nat
:PREROUTING ACCEPT [51:4519]
:INPUT ACCEPT [1:328]
:OUTPUT ACCEPT [8:1196]
:POSTROUTING ACCEPT [6:1044]
-A POSTROUTING -o eth0 -j MASQUERADE
COMMIT
# Completed on Fri Jul 3 19:45:43 2015
# Generated by iptables-save v1.4.21 on Fri Jul 3 19:45:43 2015
*filter
:INPUT ACCEPT [1180:256030]
:FORWARD ACCEPT [0:0]
:OUTPUT ACCEPT [992:182516]
-A FORWARD -i eth1 -j ACCEPT
-A FORWARD -o eth1 -j ACCEPT
COMMIT
        # Completed on Fri Jul 3 19:45:43 2015
```

3. Dovendo presentare i risultati di una ricerca ad una conferenza, la/il candidata/o indichi che software utilizzerebbe.

4. La/Il candidata/o, dopo avere individuato gli organi di governo dell'Istituto di Management, illustri la composizione e le finalità di un organo a sua scelta.

An Example of DHCP in Operation

DHCP provides a mechanism through which a computer can obtain an IP address and configuration parameters for its network protocol software. The DHCP server allocates an IP address and provides configuration information that is appropriate for the network segment to which a DHCP client computer is connected. As a way of introducing the basic functions of DHCP, this chapter presents a case study of an enterprise network that uses DHCP to automate the configuration process.

Setting Up the GSI Network

This chapter uses an internal network for Generic Startup, Inc. (GSI) as the basis for an introductory example of DHCP operation. GSI's roughly 100 employees are located in a single building. Each employee has a computer attached to the GSI network. The GSI data center includes about 20 computers that provide file storage, printing, DNS, DHCP, and related services. GSI also has a connection to the Internet that is managed by the data center staff. Figure 2.1 depicts the GSI network.

The network architect at GSI has organized the network around five network segments, all connected to each other through a single router. The router also connects the GSI network to the Internet. Four of the network segments are used by the staff desktop computers; the remaining network segment is used for all of the data center computers. The GSI network architect has obtained five Class C IP network addresses, 192.168.11.0 through 192.168.15.0, for use on the GSI network and has assigned these addresses to the network segments as shown in Figure 2.2.