# Network Configuration and Services on Fedora Server

## DHCP Server Configuration and Management

Install the DHCP server package using the command:  
sudo dnf install dhcp-server -y  
  
To verify successful installation:  
rpm -q dhcp-server  
  
The main configuration file for the DHCP server is located at:  
/etc/dhcp/dhcpd.conf  
  
To edit the configuration file:  
nano /etc/dhcp/dhcpd.conf  
  
To view its content:  
cat /etc/dhcp/dhcpd.conf  
  
Once configuration is complete, enable and start the DHCP service:  
sudo systemctl enable dhcpd  
sudo systemctl start dhcpd  
sudo systemctl status dhcpd  
  
Firewall Configuration – Allow DHCP traffic through the firewall to ensure client communication:  
sudo firewall-cmd --add-service=dhcp --permanent  
sudo firewall-cmd --reload