## Network Configuration and Services on Fedora Server

## DNS Server Setup Using BIND

Install BIND with the following command:  
sudo dnf install bind  
  
To edit the main configuration file:  
nano /etc/named.conf  
  
To edit the zone file:  
nano /var/named/<zone\_filename>  
  
Configuration Notes:  
  
• The primary configuration file is /etc/named.conf, containing global and zone settings.  
• Zone files are stored by default in the /var/named/ directory.  
• Uncomment the 'listen-on' directive and specify the DNS server IP.  
• Uncomment the 'allow-query' directive and define the local network range.  
  
Example configuration:  
  
options {  
 listen-on port 53 { 192.168.1.10; };  
 allow-query { 192.168.1.0/24; };  
};  
  
To view zone file contents:  
cat /var/named/<zone\_filename>  
  
Start and enable BIND service:  
sudo systemctl start named  
sudo systemctl enable named  
  
To test DNS configuration:  
dig example.com