## Вариант 2

Задание 1 (до 20 мин). Настройка Kerberos KDC и создание администратора

1. Установите krb5-kdc, krb5-admin-server на сервере Astra Linux.
2. Настройте /etc/krb5.conf и ACL-файл.
3. Инициализируйте базу KDC и создайте администратора через kadmin.local.

Задание 2 (до 15 мин). Настройка Kerberos-клиента и проверка аутентификации

1. Установите krb5-user на клиенте.
2. Настройте /etc/krb5.conf.
3. Получите билет kinit и проверьте klist.

**НА СЕРВЕРЕ:**

systemctl stop NetworkManager

systemctl --now mask  NetworkManager

systemctl status NetworkManager

nano /etc/network/interfaces

auto enp0s3   
iface enp0s3 inet dhcp   
  
auto enp0s8   
iface enp0s8 inet static   
address 192.168.32.211/24

systemctl restart networking

  nano /etc/hosts

127.0.0.1       localhost   
127.0.1.1       astradomain.ru  astra-srv   
192.168.32.211  kdc.astradomain.ru      kdc   
192.168.32.211  server.astradomain.ru   server   
192.168.32.96   client.astradomain.ru   client   
# The following lines are desirable for IPv6 capable hosts   
::1     localhost ip6-localhost ip6-loopback   
ff02::1 ip6-allnodes   
ff02::2 ip6-allrouters

  ping astradomain.ru   
  apt install krb5-kdc krb5-admin-server krb5-user   
  krb5\_newrealm    
  kadmin.local

 kadmin.local:  addprinc admin/admin

  nano /etc/krb5.conf

**[libdefaults]**   
       default\_realm = ASTRADOMAIN.RU   
  
# The following krb5.conf variables are only for MIT Kerberos.   
       kdc\_timesync = 1   
       ccache\_type = 4   
       forwardable = true   
       proxiable = true   
       rdns = false   
  
  
# The following libdefaults parameters are only for Heimdal Kerberos.   
       fcc-mit-ticketflags = true   
  
**[realms]**   
       ASTRADOMAIN.RU = {   
               kdc = kdc.astradomain.ru   
               admin\_server = server.astradomain.ru   
               default\_domain = astradomain.ru   
       }

  systemctl restart krb5-admin-server.service    
  systemctl status krb5-admin-server.service    
  nano /etc/krb5kdc/kadm5.acl

\*/admin \*

 kadmin -p admin/admin   
  kinit admin/admin   
  klist

**НА КЛИЕНТЕ:**

systemctl stop NetworkManager

systemctl --now mask  NetworkManager

systemctl status NetworkManager

nano /etc/network/interfaces

auto enp0s3   
iface enp0s3 inet dhcp   
  
auto enp0s8   
iface enp0s8 inet static   
address 192.168.32.96/24

systemctl restart networking

nano /etc/hosts

127.0.0.1       localhost   
127.0.1.1       astradomain.ru  astra-client   
192.168.32.96   client.astradomain.ru   client   
192.168.32.211  kdc.astradomain.ru      kdc   
192.168.32.211  server.astradomain.ru   server   
  
# The following lines are desirable for IPv6 capable hosts   
::1     localhost ip6-localhost ip6-loopback   
ff02::1 ip6-allnodes   
ff02::2 ip6-allrouters

ping kdc.astradomain.ru   
ping astradomain.ru

apt install krb5-user   
dpkg-reconfigure krb5-config   
kinit admin/admin   
klist   
apt install libpam-krb5   
kinit    
klist