LAN Routing Remote Access Service (RAS)
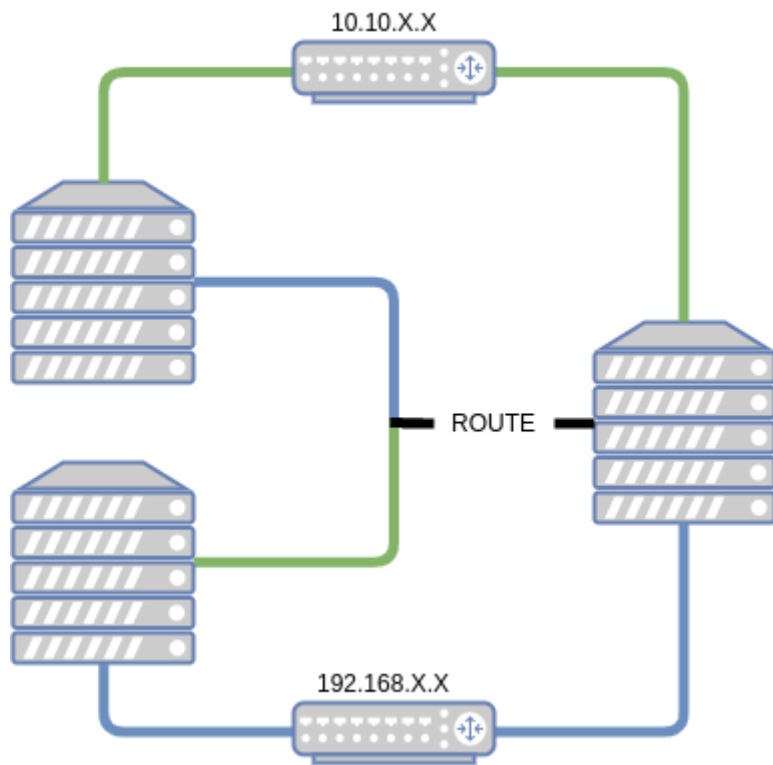
10.10.X.X

ROUTE

192.168.X.X

Add Roles and Features Wizard

Select server roles

Before You Begin
Installation Type
Server Selection
Server Roles
Features
Remote Access
   Role Services
Confirmation
Results

Select one or more roles to install on the selected server.

Roles

- [ ] Active Directory Certificate Services
- [ ] Active Directory Domain Services
- [ ] Active Directory Federation Services
- [ ] Active Directory Lightweight Directory Services
- [ ] Active Directory Rights Management Services
- [ ] Device Health Attestation
- [ ] DHCP Server
- [ ] DNS Server
- [ ] Fax Server
- [▪] File and Storage Services (1 of 12 installed)
- [ ] Host Guardian Service
- [ ] Hyper-V
- [ ] Network Policy and Access Services
- [ ] Print and Document Services
- [✓] Remote Access
- [ ] Remote Desktop Services
- [ ] Volume Activation Services
- [ ] Web Server (IIS)
- [ ] Windows Deployment Services
- [ ] Windows Server Update Services

Description

Remote Access provides seamless connectivity through DirectAccess, VPN, and Web Application Proxy. DirectAccess provides an Always On and Always Managed experience. RAS provides traditional VPN services, including site-to-site (branch-office or cloud-based) connectivity. Web Application Proxy enables the publishing of selected HTTP- and HTTPS-based applications from your corporate network to client devices outside of the corporate network. Routing provides traditional routing capabilities, including NAT and other connectivity options. RAS and Routing can be deployed in single-tenant or multi-tenant mode.

< Previous   Next >   Install   Cancel

Add Roles and Features Wizard

Select role services

Before You Begin
Installation Type
Server Selection
Server Roles
Features
Remote Access
   Role Services
Web Server Role (IIS)
   Role Services
Confirmation
Results

Select the role services to install for Remote Access

Role services

- ☑ DirectAccess and VPN (RAS)
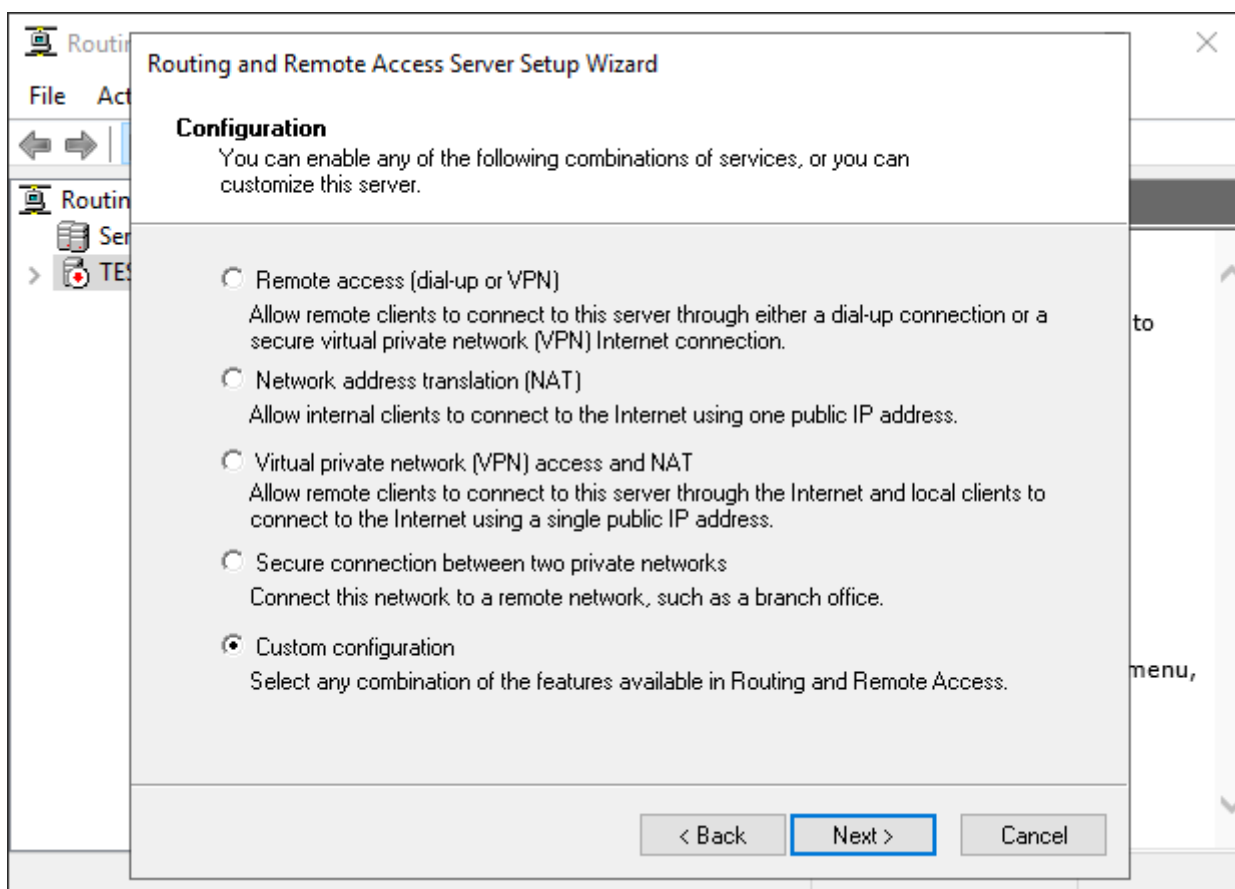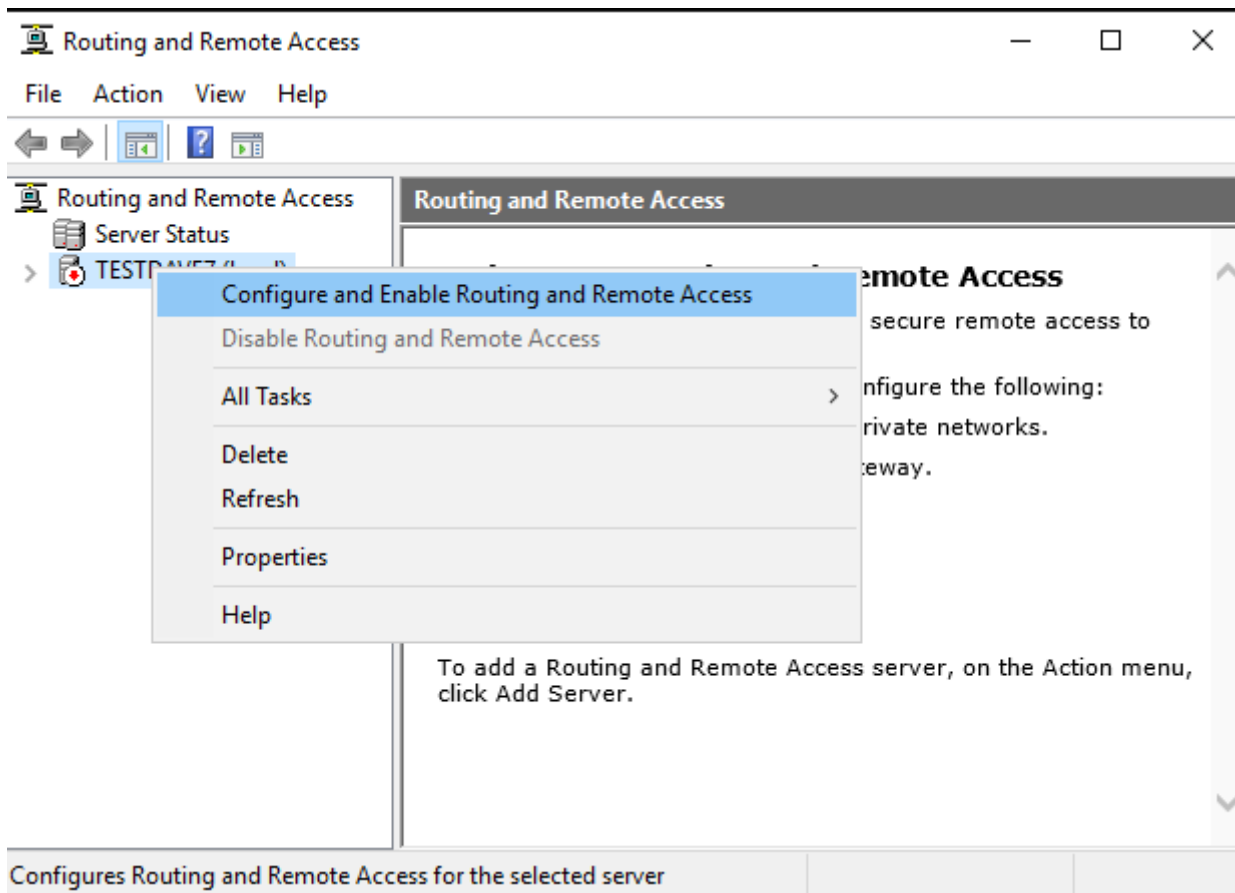- ☑ Routing
- ☐ Web Application Proxy

Description

Routing provides support for NAT Routers, LAN Routers running BGP, RIP, and multicast capable routers (IGMP Proxy).

< Previous   Next >   Install   Cancel

Routing and Remote Access

File   Action   View   Help

Routing and Remote Access
  Server Status
  > TESTD... ???

Routing and Remote Access

Configure and Enable Routing and Remote Access
Disable Routing and Remote Access

All Tasks   >

Delete
Refresh

Properties

Help

...emote Access

...secure remote access to

...nfigure the following:

...rivate networks.

...teway.

To add a Routing and Remote Access server, on the Action menu, click Add Server.

Configures Routing and Remote Access for the selected server

Routing and Remote Access Server Setup Wizard

Configuration
You can enable any of the following combinations of services, or you can customize this server.

○ Remote access (dial-up or VPN)
  Allow remote clients to connect to this server through either a dial-up connection or a secure virtual private network (VPN) Internet connection.

○ Network address translation (NAT)
  Allow internal clients to connect to the Internet using one public IP address.

○ Virtual private network (VPN) access and NAT
  Allow remote clients to connect to this server through the Internet and local clients to connect to the Internet using a single public IP address.

○ Secure connection between two private networks
  Connect this network to a remote network, such as a branch office.

● Custom configuration
  Select any combination of the features available in Routing and Remote Access.
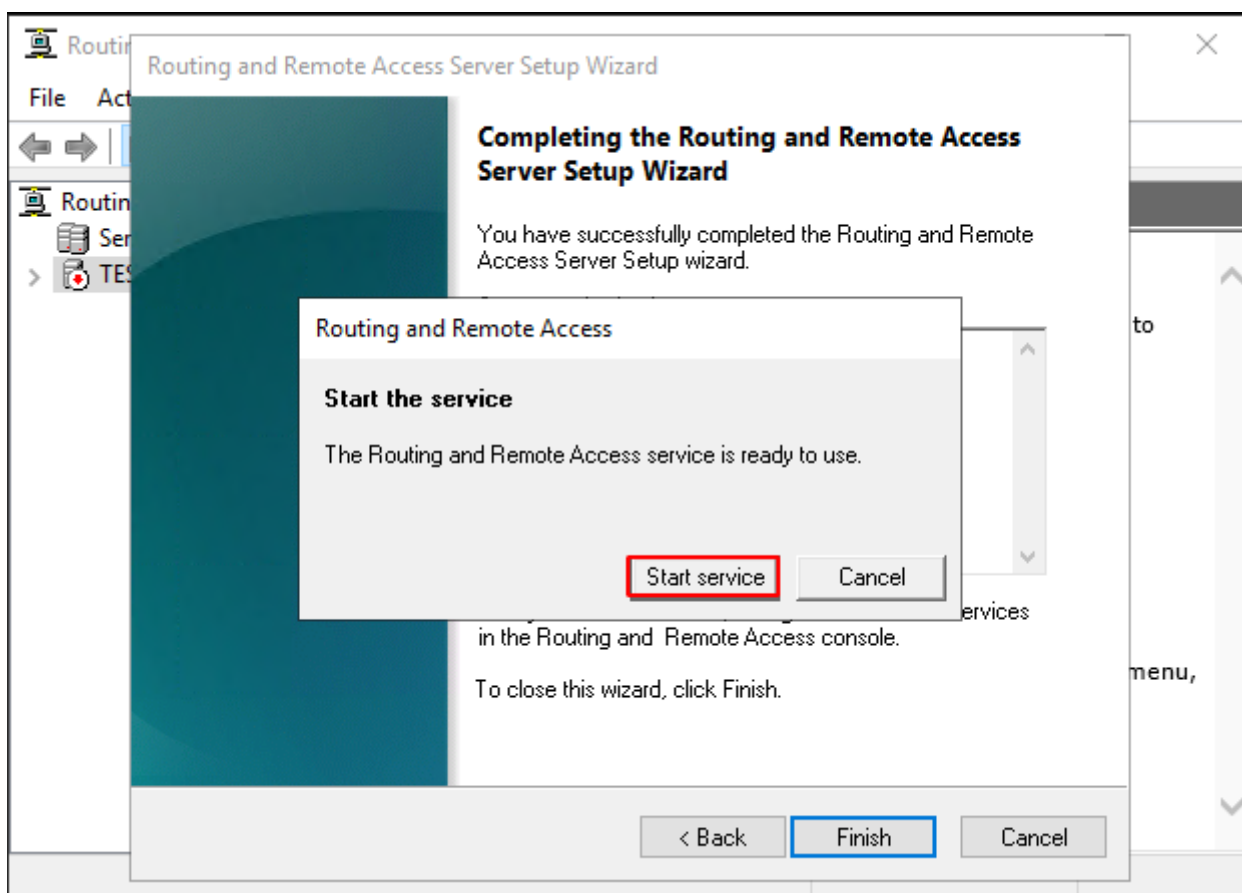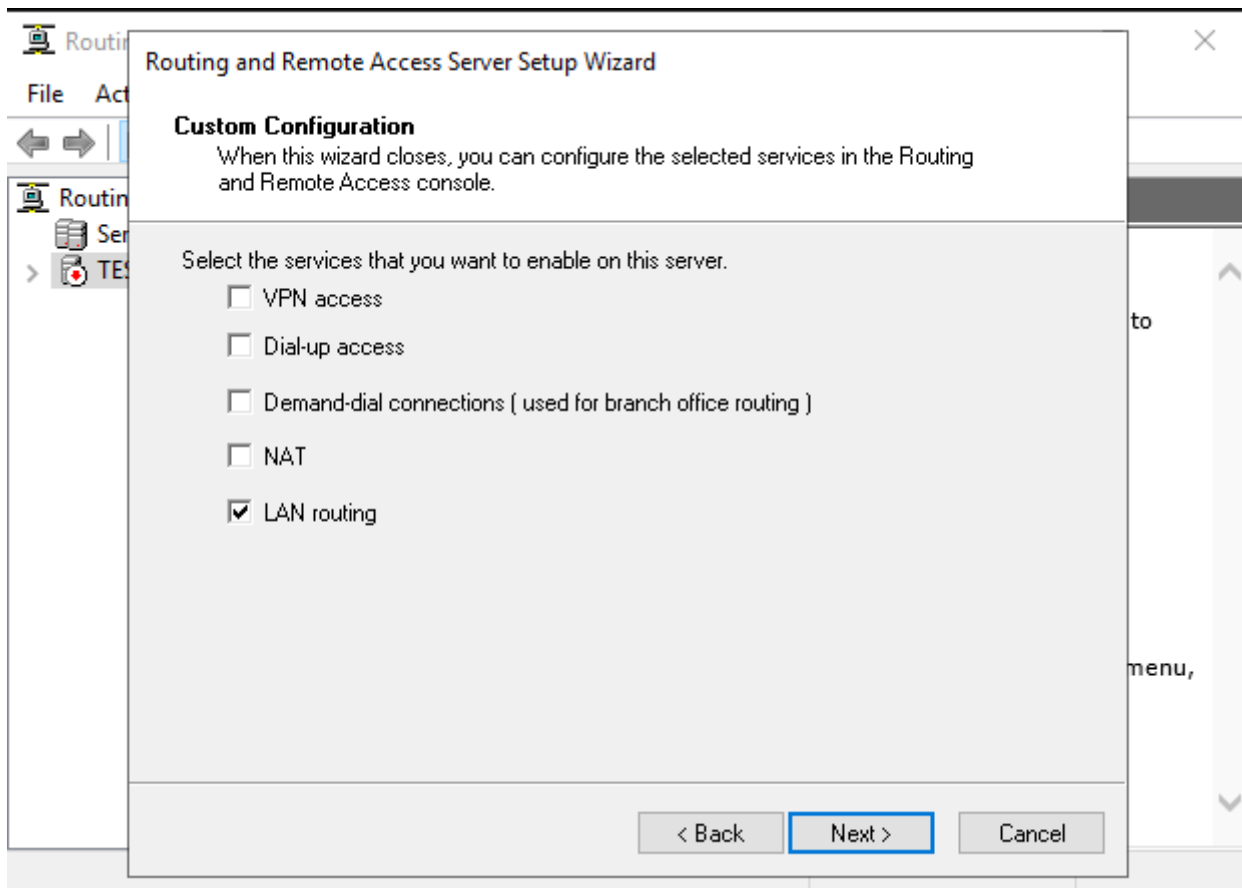
< Back   Next >   Cancel

Once done add routes on each hosts

```
route ADD -p <destination_network> MASK <subnet_mask> <ras_ip>
```