

Setup

Set up a two-level network

4padPointRule2.eps ↗

If you want simply to connect computers in a network, you can set up a simple, two-level network wherein the root domain stores all network information, accessible through a master NetInfo server. If your network includes more than a few computers, you should create clone NetInfo servers, as a rule of thumb one clone server for every ten computers.

If your network includes subnets using routers, bridges, or similar equipment, be sure each subnet has at least one clone NetInfo server. The reason is that a computers broadcast request for binding does not cross subnet boundaries, so if a clone server is not within the subnet bounds, the computers will not be networked.

You also set up a two-level network as the first step in creating a multilevel network.

768008_PointRule2.eps ↗

- 1 **Use SimpleNetworkStarter to set up the master server on one of the computers ;CreateMasterServer.rtfid;;↗.**

Make sure the computer is not attached to the network when you set up the master server.

If you're planning to turn your two-level network into a three-level network, follow the instructions to set up a midlevel domain server ;SetUpThree-LevelNetwork.rtfid;;↗.

1PointDashedRule3Black.eps ↗

- 2 **Use HostManager to create host entries for each of the other computer ;../NetworkComputers/AddComputerManually.rtfid;;↗.**

The host entry identifies the computer by name and sets up its local domain. Be sure to connect each computer to the network before you create its host entry.

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- 3 **Use UserManager to set up groups ;../UsersAndGroups/AddGroup.rtfid;;↗**

and add users ;../UsersAndGroups/AddNetworkUserAccount.rtf;;↵
to the network.

794249_PointDashedRule3Black.eps ↵

4 Use NFSManager to set up file servers and client servers

../NetworkFiles/AboutNetworkFiles.rtf;;↵.

964182_PointDashedRule3Black.eps ↵

5 Set up additional network services on any of the computers.

You can set up the following services:

A mail server to manage e-mail on the network

A print server to provide network access to a printer

A fax server to provide fax services to the network

A time server to synchronize clocks on all the computers

A clone server to maintain back up copies of the domain data

2PointRule.eps ↵

Related topics (*click a LinkDiamond.tiff ↵*)

706575_pt-Xref-Rule2.eps ↵

Concepts

Need a basic introduction to types of networks?

../AboutSetup.rtf;;↵

About Setup

Not sure what host entries are and why you need them?

../NetworkComputers/AboutNetworkComputers.rtf;;↵

About network computers

Want an overview of user accounts and user groups?

../UsersAndGroups/AboutUsersAndGroups.rtf;;↵

About users and groups

Questions about file servers and clients?

../NetworkFiles/AboutNetworkFiles.rtf;;↵

files

About network

1pt-Xref-DashedRule2.eps ↵

How to

If you've got only two or three computers, you can use one of them for the master server.

;SetUpTinyNetwork.rtfd;;↵

Set up a tiny network

Want to turn combine a couple two-level networks into a three-level network?

;CreateNewRootDomain.rtfd;;↵

Create a new root domain

Or add a new level to a two-level network?

;CreateNewChildDomain.rtfd;;↵

Create a new child domain