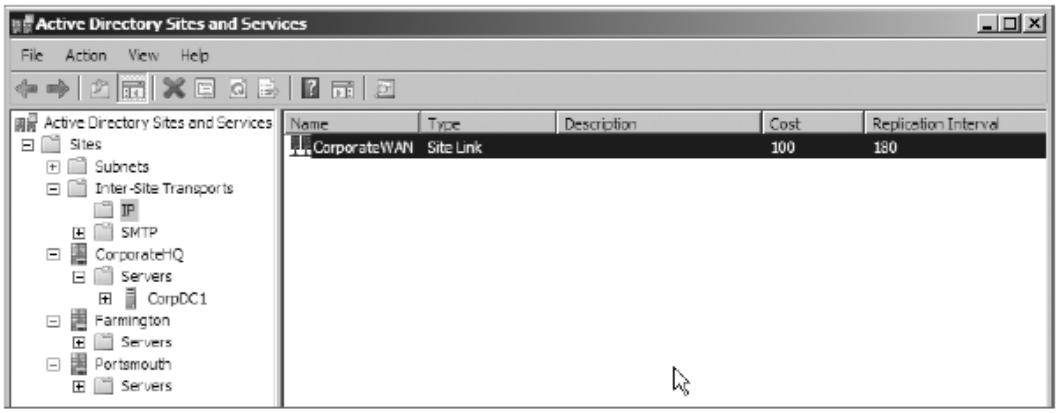
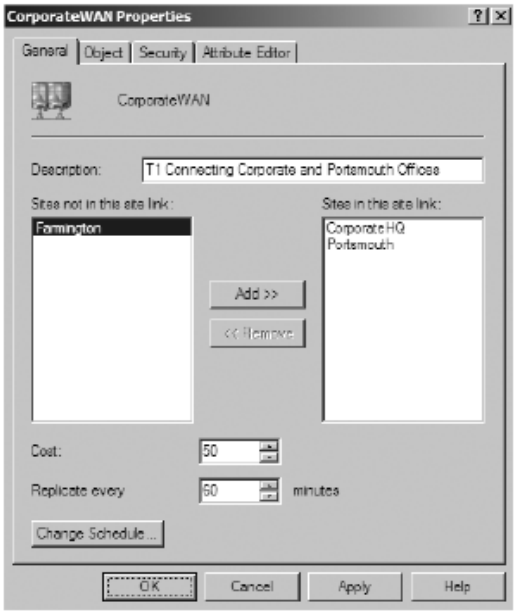
Creating Site Links and Site Link Bridges

1. Open the Active Directory Sites And Services tool from the Administrative Tools program group.

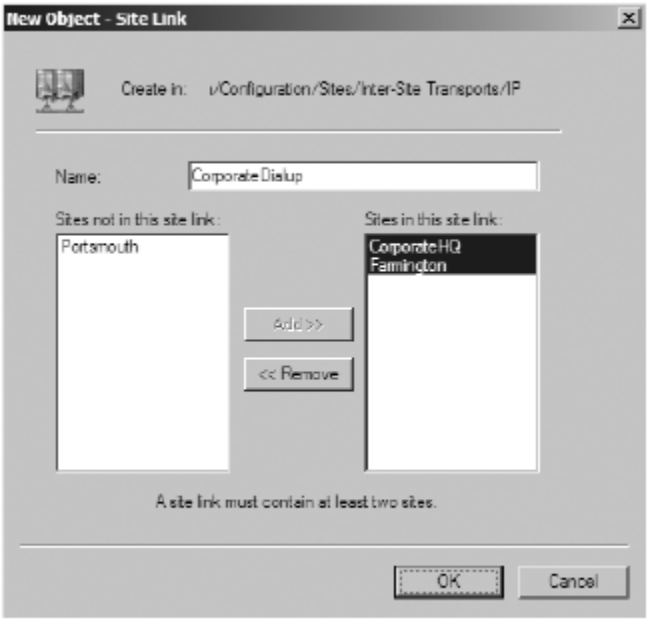
2. Expand the Sites, Inter-site Transports, and IP objects. Right-click the DEFAULTIP-SITELINK item in the right pane, and select Rename. Rename the object **CorporateWAN**. The Active Directory Sites And Services tool should now look like this:



3. Right-click the CorporateWAN link, and select Properties. In the General tab of the CorporateWAN Properties dialog box, type **T1 Connecting Corporate and Portsmouth Offices** for the description. Remove the Farmington site from the link by highlighting Farmington in the Sites In This Site Link box and clicking Remove. For the Cost value, type **50**, and specify that replication should occur every 60 minutes. To create the site link, click OK.

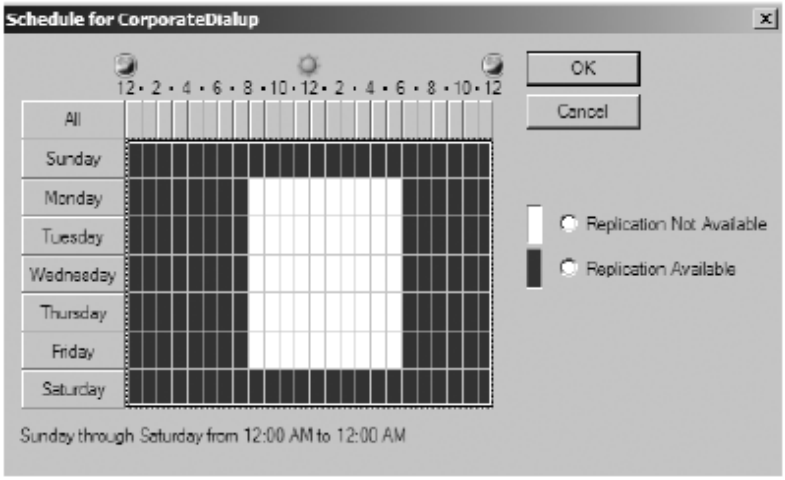


4. Right-click the IP folder, and select New Site Link. On the New Object - Site Link dialog box, name the link **CorporateDialup**. Add the Farmington and CorporateHQ sites to the site link and then click OK.



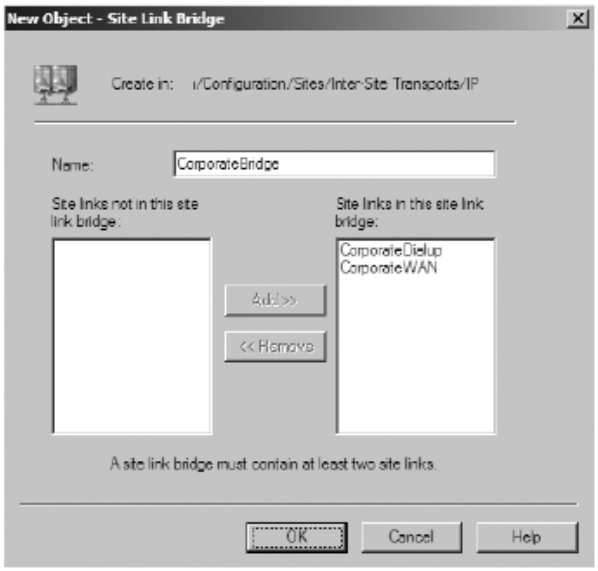
5. Right-click the CorporateDialup link, and select Properties. In the General tab of the CorporateDialup Properties dialog box, type **ISDN Dialup between Corporate and Farmington** for the description. Set the Cost value to 100, and specify that replication should occur every 120 minutes. To specify that replication should occur only during certain times of the day, click the Change Schedule button.

6. On the Schedule For CorporateDialup dialog box, highlight the area between 8:00am and 6:00pm for the days Monday through Friday, and click the Replication Not Available option. This will ensure that replication traffic is minimized during normal work hours.

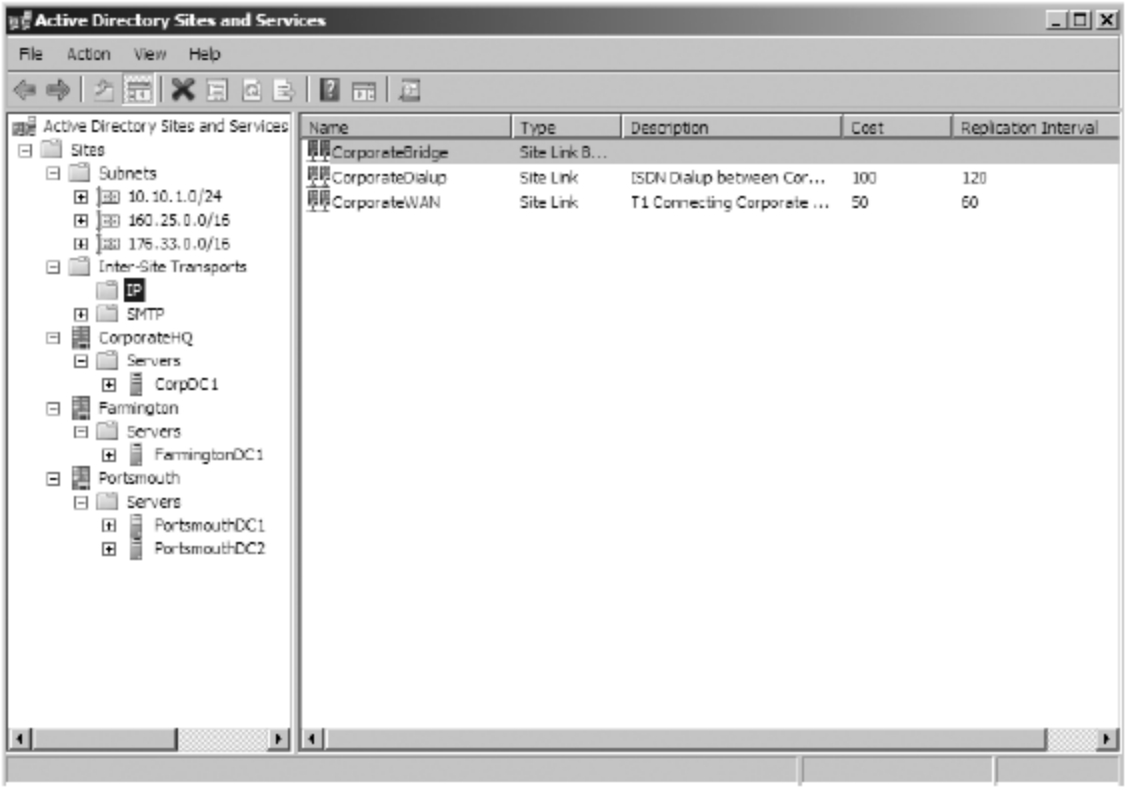


Click OK to accept the new schedule and then OK again to create the site link.

7. Right-click the IP object, and select New Site Link Bridge. On the New Object - Site Link Bridge dialog box, name the site link bridge **CorporateBridge**. Note that the Corporate-Dialup and CorporateWAN site links are already added to the site link bridge. Because there must be at least two site links in each bridge, you will not be able to remove these links. Click OK to create the site link bridge.



8. When finished, close the Active Directory Sites And Services tool. It should look like this now:


Active Directory Sites and Services
File Action View Help
Active Directory Sites and Services
Sites
Subnets
10.10.1.0/24
160.25.0.0/16
176.33.0.0/16
Inter-Site Transports
IP
SMTP
CorporateHQ
Servers
CorpDC1
Farmington
Servers
FarmingtonDC1
Portsmouth
Servers
PortsmouthDC1
PortsmouthDC2
Name
Type
Description
Cost
Replication Interval
CorporateBridge
Site Link B...
CorporateDialup
Site Link
ISDN Dialup between Cor...
100
120
CorporateWAN
Site Link
T1 Connecting Corporate ...
50
60