

Chapter 20

Using NAT Address Management Portal

This chapter describes how to use NAT Address Management Portal to manage requests about public IP addresses. The chapter contains the following sections:

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- Assigning IP Addresses on page 386
- Acknowledging the Release of IP Addresses on page 387

Overview of NAT Address Management Portal

Service providers use NAT Address Management Portal to manage requests about public IP addresses from IT managers. When an IT manager sends a request about IP addresses through Enterprise Manager Portal, the portal sends an e-mail to the service provider that contains a link to NAT Address Management Portal.

For demonstration purposes or for small service providers, a human administrator can deal with this e-mail manually. In a large production environment, however, the e-mail will be sent to a machine that automatically assigns addresses to accesses. For information about how a machine manages IP addresses, see *NAT Address Management Portal* on page 282.

Assigning IP Addresses

To assign IP addresses to accesses manually:

1. Click the link to NAT Address Management Portal in the e-mail.

NAT Address Management Portal appears and displays the status of IP addresses for this link.

The screenshot shows the NAT Address Management Portal interface. At the top left is the 'vireo' logo with the tagline 'The network that keeps you surfing'. Below the logo is a navigation breadcrumb: 'default > local > Acme > Boca > Primary'. The main content area is titled 'NAT Address Management' and contains three sections:

- Assigned IP Addresses:** A box indicating 'No public IP addresses have been assigned to this access link'.
- Released IP Addresses:** A box indicating 'No public IP addresses have been released by this access link'.
- Outstanding Requests for Public IP Addresses:** A table with the following data:

Request Time	Number of Addresses	Must be Contiguous	
Jun 30, 2004 4:03 PM	1	false	Assign IPs

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2. Click Assign IPs.

The Assign Public IP Addresses window appears.

The screenshot shows the 'Assign Public IP Addresses (Contiguous)' window. It contains a table with three rows for entering IP addresses. Each row has a number (1, 2, 3) in the first column and an empty text input field in the second column. Below the table is an 'Assign' button.

Assign Public IP Addresses (Contiguous)	
	IP Address
1	<input type="text"/>
2	<input type="text"/>
3	<input type="text"/>
Assign	

3. Enter an IP address in each line of this window.
4. Click Assign.

Acknowledging the Release of IP Addresses

When an IT manager returns an IP address through Enterprise Manager Portal, NAT Address Management Portal displays the returned IP address. You must acknowledge release of the IP Address to the IT manager. To do so, click Acknowledge in the Released IP Addresses table.

The screenshot displays the NAT Address Management Portal interface. At the top left is the **virneo** logo with the tagline "The network that keeps you surfing". The page title is "NAT Address Management". A breadcrumb trail shows: **default** > **local** > **Acme** > **Boca** > **Primary**.

The main content area is divided into three sections:

- Assigned IP Addresses:** A message states "No public IP addresses have been assigned to this access link".
- Released IP Addresses:** A table with two columns: "Release Time" and "Released IPs".

Release Time	Released IPs
Jul 19, 2004 6:40 PM	192.0.2.22

 Below the table is an "Acknowledge" button.
- Outstanding Requests for Public IP Addresses:** A table with four columns: "Request Time", "Number of Addresses", "Must be Contiguous", and an action button.

Request Time	Number of Addresses	Must be Contiguous	
Jul 18, 2004 2:55 PM	1	false	Assign IPs

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