

Configuring Infranet Controller IP Address Pool Policies (NSM Procedure)

You can configure a pool of virtual IP addresses that you want the Infranet Controller to automatically assign to endpoints by creating IP address pool policies. You can associate an IP address pool with one or more Infranet Enforcers.

To configure an IP address pool policy:

1. In the NSM navigation tree, select **Device Manager > Devices**.
2. Click the **Device Tree** tab, and then double-click the Infranet Controller for which you want to configure an IP address pool policy.
3. Click the **Configuration** tab. In the configuration tree, select **UAC > Infranet Enforcer > IP Address Pools**.
4. Add or modify IP address pool policy settings as specified in Table 1. Table 2 gives the syntax for IP address pools.
5. Click one:
 - **OK**—Saves the changes.
 - **Cancel**—Cancels the modifications.

Table 1: IP Address Pool Policy Configuration Details

Option	Function	Your Action
Name	Specifies the IP address pool policy name.	Enter a name for the IP address pool policy.
Description	Describes the IP address pool policy.	Enter a brief description for the IP address pool policy.
IP Address Pool	Specifies IP addresses or a range of IP addresses for the Infranet Controller to assign to endpoints.	<p>Click the Add button and enter the IP address range as specified in Table 2, where the last component of the IP address is a range delimited by a hyphen (-). No special characters are allowed.</p> <p>For example, to allocate all addresses in the range 172.20.0.0 through 172.20.3.255, enter 172.20.0.0-3.255. To allocate all addresses in a class C network, specify 10.20.30.0/24.</p> <p>NOTE: Select the Infranet Enforcer(s) to which you want to apply this IP address pool policy from the Non-members list and click Add to move it to the Members list.</p> <p>To apply the policy to all Infranet Enforcers, do not add any Infranet Enforcers and leave the default setting (all).</p>

Table 1: IP Address Pool Policy Configuration Details (continued)

Option	Function	Your Action
Applies to roles	Specifies the policies that apply to the roles.	<ul style="list-style-type: none"> ■ Select Policy applies to ALL roles to apply this Infranet Controller IP address pool policy to all users. ■ Select Policy applies to SELECTED roles to apply this Infranet Controller IP address pool policy only to users who are mapped to roles in the Members list. ■ Select Policy applies to roles OTHER THAN those selected to apply this Infranet Controller IP address pool policy to all users except those who map to the roles in the Members list. <p>NOTE: Select the policies from the Non-members list and click Add to move it to the Members list before applying the policies to the roles.</p>

Table 2: Syntax for IP Address Pools

IP Address Range	Description
a.b.c.d	Specifies a single IP address.
a.b.c.d-e.f.g.h	Specifies all IP addresses from the first address to the last address, inclusive.
a.b.c.d-f.g.h	Specifies the range a.b.c.d through a.f.g.h.
a.b.c.d-g.h	Specifies the range a.b.c.d through a.b.g.h.
a.b.c.d-h	Specifies the range a.b.c.d through a.b.c.h.
a.b.c.d/mask	Specifies all addresses in a network.

- Related Topics**
- Configuring Infranet Controller IPsec Routing Policies (NSM Procedure)
 - Configuring Infranet Enforcer Resource Access Policies (NSM Procedure)

Published: 2009-08-20