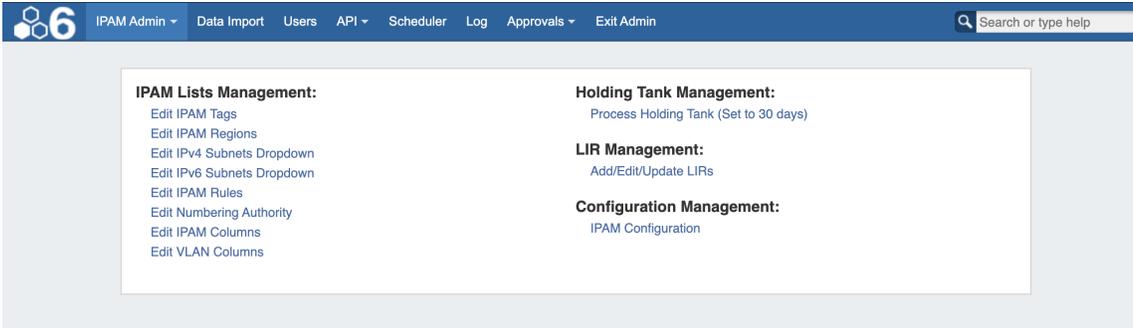


# IPAM Administration

## Overview



The screenshot shows the IPAM Administration interface. At the top, there is a navigation bar with the following tabs: IPAM Admin, Data Import, Users, API, Scheduler, Log, Approvals, and Exit Admin. A search bar is located on the right side of the navigation bar. Below the navigation bar, the main content area is divided into two columns. The left column is titled "IPAM Lists Management:" and contains the following links: Edit IPAM Tags, Edit IPAM Regions, Edit IPv4 Subnets Dropdown, Edit IPv6 Subnets Dropdown, Edit IPAM Rules, Edit Numbering Authority, Edit IPAM Columns, and Edit VLAN Columns. The right column is titled "Holding Tank Management:" and contains the link "Process Holding Tank (Set to 30 days)". Below this, there is a section titled "LIR Management:" with the link "Add/Edit/Update LIRs". At the bottom of the right column, there is a section titled "Configuration Management:" with the link "IPAM Configuration".

IPAM Administration is accessed through the Admin area of ProVision. It includes sections to manage IPAM Lists, the Holding Tank, LIR, and IPAM Configuration.

- Overview
  - [IPAM Lists Management](#)
  - [Holding Tank Management](#)
  - [LIR Management and Use](#)
  - [IPAM Configuration](#)
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## IPAM Lists Management

These links are to the respective [IPAM Parameters](#) that are available for customization - tags, regions, subnets, IPAM Rules, Numbering Authority, and IPAM / VLAN Columns.

See the [IPAM Parameters](#) page for additional details and examples for updating IPAM Parameters, IPAM / VLAN column customization, and [IPAM Rules](#) for additional information on managing IPAM Rules.

## Holding Tank Management

When IPv4/IPv6 resources are reclaimed, they are placed into the "Holding Tank". This feature allows for a block to stay out of the available address pools until the administrator approves it.

See the [Holding Tank Management](#) page for more details.

## LIR Management and Use

ProVision supports multiple LIRs from the UI. This allows users to select from various LIRs when they want to update SWIP/RPSL information for a subnet allocation.

See the [LIR Management and Use](#) page for more details.

## IPAM Configuration

### IPAM Configuration

Holding Tank Days	<input type="text" value="30"/>	
IPv4 Block Scanner Enable	<input checked="" type="checkbox"/>	
IPv4 Block Scanner Max Block Size	<input type="text" value="/24"/>	
RIPE Database	<input type="radio"/> RIPE <input checked="" type="radio"/> TEST	
Show /32 or /128 mask for statics	<input checked="" type="checkbox"/>	
Merge after unassign	<input checked="" type="checkbox"/>	When enabled, ProVision will automatically merge unassigned blocks into the largest possible block within an aggregate
Automatic Merge respects Tags & Regions	<input type="checkbox"/>	When enabled, the automatic merge performed after an unassign will stop if the two blocks do not have identical tags and regions.
Enable Map View	<input checked="" type="checkbox"/>	
Default Tag Selection Mode	<input type="radio"/> Standard <input type="radio"/> Strict <input type="radio"/> Exclude	
Sparse Allocation Block Size	<input type="text" value="/64"/>	

[Update](#)
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**Holding Tank Days:** This is the number of days that a block will be held in "Holding" status before being available to be moved to the Available pool, and thus ready to be assigned. By default this is initially set to 30 days.

**IPv4 Block Scanner Enable:** This is a beta feature that allows a user to scan a block of IPv4 space and show host counts of responding addresses.

**IPv4 Block Scanner Max Block Size:** The max size (mask) the IPv4 Block Scanner considers (Command Line tool only).

**RIPE Database:** Select the desired database - RIPE or TEST.

**Show /32 or /128 mask for statics:** Enable to show /32 or /128 masks.

**Merge after unassign:** Select to automatically merge adjacent blocks when they become available after unassign.

**Automatic Merge respects Tags & Regions:** When "Merge after unassign" is selected, the automatic merge will stop if the two blocks do not have matching tags and regions.

**Enable Map View:** Select to enable a map view of assigned aggregates on the IPAM tab, determined by assigned region.

**Default Tag Selection Mode:** Set which radio button will be selected by default when working with tags in the IPAM Gadget

**Sparse Allocation Block Size:** Sets the size of the blocks generated for IPv6 Sparse Allocation

## [Additional Information:](#)

- [IPAM Parameters](#)
- [IPAM Rules](#)
- [Holding Tank Management](#)
- [RIR Integration: SWIP/RPSL](#)
- [LIR Management and Use](#)