

LIR Management and Use

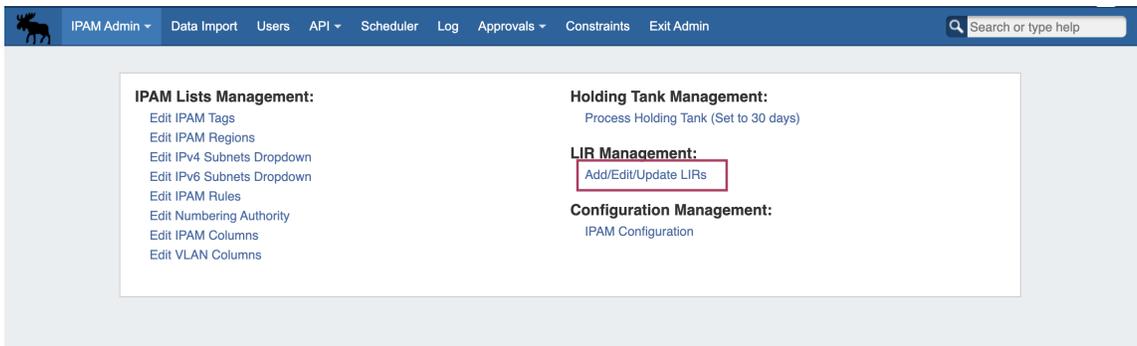
Overview

ProVision supports multiple LIRs (Local Internet Registries) in a single instance. This means that you have the ability to update SWIP/RPSL functions for a given allocation with the LIR information that you wish.

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LIR Setup and Use

There is an LIR Manager available from the IPAM Admin page. In the Admin section of ProVision, select the **IPAM Admin** tab, then "LIR Management: Add / Edit / Update LIRs".



You will be taken to the LIR Manager page, showing your current LIRs. You may Add LIRs, edit the existing LIRs by hitting the Action Menu (wrench icon), or delete LIRs through the red delete icon.

The screenshot shows the LIR Manager page. It features a table with the following columns: Name, RIR, ASN, MNT-BY/ORG-HANDLE, and Other Information. Below the table is an "Add LIR" button and a "Back to IPAM Admin" link.

Name	RIR	ASN	MNT-BY/ORG-HANDLE	Other Information		
6connect	ARIN	8038	CONN-81	Admin POC: 6CONN-ARIN Tech POC: 6CONN-ARIN		
CyrusOne	ARIN	65	CYR	Admin POC: CYR-CON Tech POC: CYR-CON		
ripe	RIPE	2820	OSHK	admin-c: none tech-c: none		

[Add LIR](#)
[Back to IPAM Admin](#)

Edit a LIR

Edit a LIR by clicking on the Action Menu (wrench icon) next to the entry in the LIR Manager. The Update LIR dialog will open. From here, you can edit RIR, Name, ASN, and Org information, as well as add / delete Orgs.

Update LIR

RIR

Name

ASN

Org ID [Delete](#)

Admin POC

Tech POC

Abuse POC

NET Name Prefix

API Key

[+ Add Org](#)

[Update](#)

Add a LIR

After clicking on the **Add LIR** button, you can setup the required data for the specific RIR/LIR combination:

ARIN

Adding a new LIR with ARIN selected for RIR will bring up the following fields.

Add LIR

RIR

Name

ASN

Org ID Delete

Admin POC

Tech POC

Abuse POC

NET Name Prefix

API Key

+ Add Org

Update

Enter the Name, ASN, ORG ID, POC information, NET Name Prefix, and API Key. Additional Orgs may be added by selecting the "Add Org" button.

Be sure to click the "Update" button when done to save your changes.

i **Press UPDATE to SAVE!**

Make sure to press the Update button or else the LIR data will not save.

RIPE

Adding a new LIR with RIPE selected for RIR will bring up the following fields.

w **RIPE Integration**

You must be using an MD5 password to update RIPE objects from ProVision! Please refer to RIPE's authentication page for additional details:

<https://www.ripe.net/manage-ips-and-asns/db/support/security/protecting-data#solving-authentication-problems>

Add LIR

RIR

Name

ASN

Maintainer  Delete

Password

Admin Contact

Tech Contact

 Add Maintainer

Enter the Name, ASN, Maintainer, Password, and Contact information. Additional Maintainers may be added by selecting the "Add Maintainer" button.

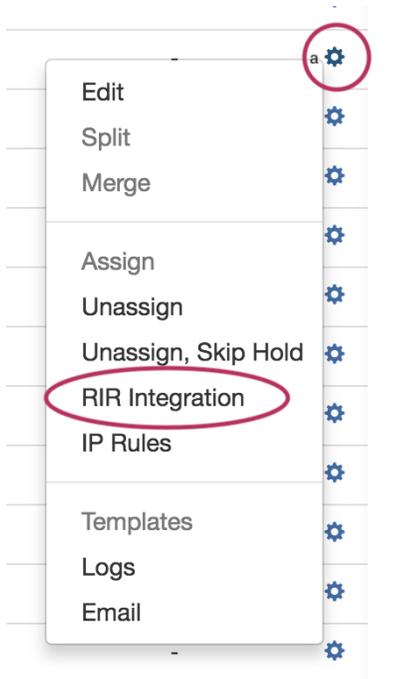
Be sure to click the "Update" button when done to save your changes.

 **Press UPDATE to SAVE!**

Make sure to press the Update button or else the LIR data will not save.

RIR Integration

Once these have been configured, you will be able to use the **RIR integration** feature from the Action Menu on the IPAM Manage screen or IPAM Gadget:



RIR specific options will pop up (see ARIN example below) and give the options for "Simple Reassign", "Detailed Reassign", or "Close" to exit.

AM | VLAN | Logging

ARIN Integration 10.0.0.0/24 (10.0.0.0 - 10.0.0.255)

6connect

Net Name: 6CONN-10-0-0-0-24

Registrar Public Name (Simple Reassign only):

By default, when ARIN blocks are SWIPed the customer name in the WHOIS database will be set to the assigned resource name. To override this, enter a public name to use in this field.

Org Handle	Admin POC	Net POC	Abuse POC	Net Name Prefix	API Key
CONNE-81	6CONN-ARIN	6CONN-ARIN	6CONN-ARIN	6CONN	*****

Simple Reassign Detailed Reassign Close

For additional detail, continue on to:

- [ARIN LIR Setup and Use](#)
- [RIPE LIR Setup and Use](#)
- [LIR Walkthrough](#)