LIR Management and Use

LIR Manager

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

The LIR Manager is available from the IPAM Admin page. In the Admin section, 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 from the top of the page, and edit or delete the individual LIRS by hitting the Action Menu (gear icon).

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.

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 "Save" button when done to save your changes.

> **Remember to SAVE!**
>
> Make sure to click the Save 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.

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 "Save" button when done to save your changes.

Remember to SAVE!

Make sure to click the Save button or else the LIR data will not save.

Edit a LIR

Edit a LIR by clicking on the Action Menu (gear 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.

Delete LIR(s)

Delete a single LIR by clicking on the Action Menu (gear icon) next to the entry in the LIR Manager, and select "Delete".
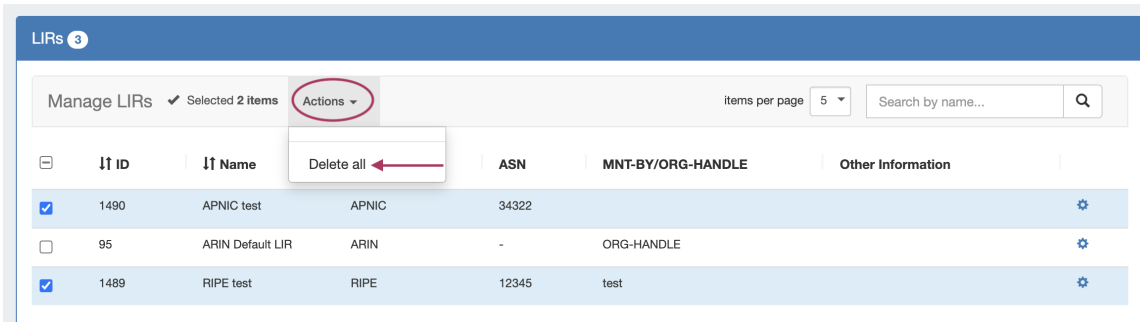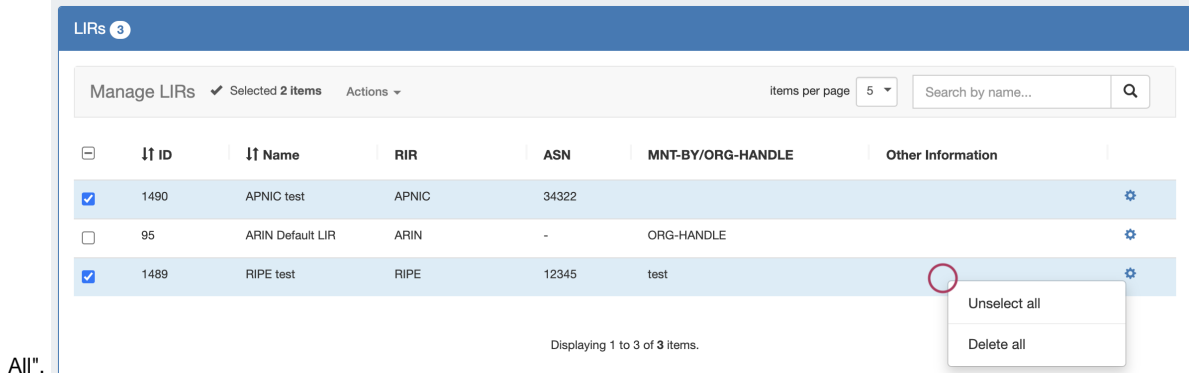

Delete multiple LIRs by clicking the checkboxes next to the desired LIRs to delete. Then, under "Actions" at the top of the page, select "Delete All".

You may also right click anywhere on the selected rows to open the multi-select context menu, where you may choose "Unselect All" or "Delete

All".

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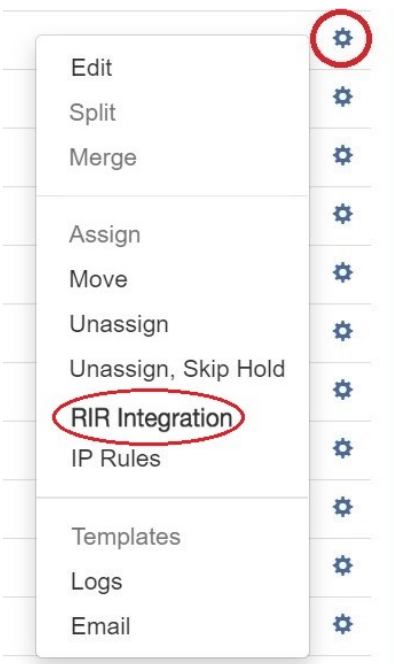
RIR specific options will pop up (see ARIN example below) and give the options for "Simple Reassign", "Detailed Reassign", or "Close" to exit.

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

Additional Information

For additional detail, continue on to:

- ARIN LIR Setup and Use
- RIPE LIR Setup and Use
- LIR Walkthrough