

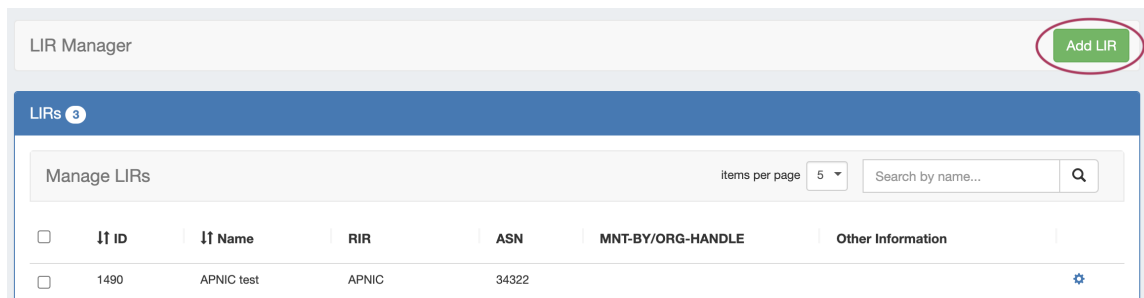
ARIN LIR Setup and Use

LIR Setup

- Step 1: Setup the LIR information via the LIR Manager
- Step 2: Assign an IP block to a Resource using the IPAM Gadget or the Assign function from the IPAM Manage screen.
- Step 3: Update SWIP information
 - Simple Re-assign
 - Detailed Re-assign

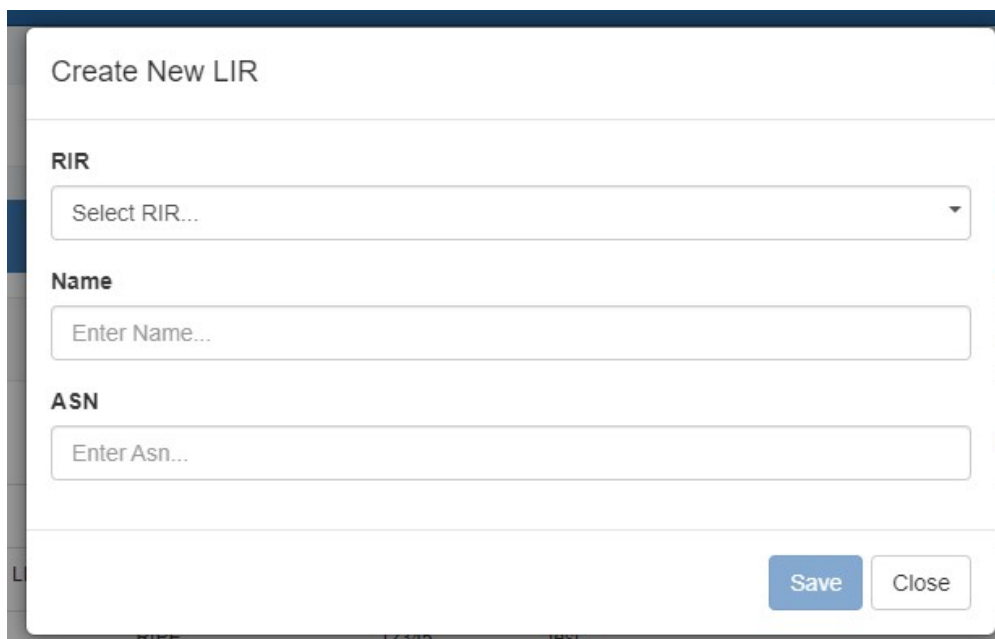
Step 1: Setup the LIR information via the LIR Manager

Add a New LIR by clicking "Add LIR" at the top right of the LIR Manager page.



The screenshot shows the 'LIR Manager' interface. At the top right, there is a green button labeled 'Add LIR' which is circled in red. Below this is a table titled 'LIRs' with 3 items. The table has columns: ID, Name, RIR, ASN, MNT-BY/ORG-HANDLE, and Other Information. The first row shows ID 1490, Name APNIC test, RIR APNIC, and ASN 34322. There is a search bar and a dropdown for 'items per page' set to 5.

You will be prompted to select the RIR:



The screenshot shows the 'Create New LIR' form. It has three main sections: 'RIR' with a dropdown menu labeled 'Select RIR...', 'Name' with a text input field labeled 'Enter Name...', and 'ASN' with a text input field labeled 'Enter Asn...'. At the bottom right, there are 'Save' and 'Close' buttons.

Add in the requisite Org and POC information:

Users
API
Scheduler
Scanning
Log
Approvals
Constraints
Exit Admin

Create New LIR

RIR

ARIN

Name

Enter Name...

ASN

Enter Asn...

Org ID

Abuse POC

Admin POC

Net Prefix

Tech POC

API Key

Add

Org ID

Admin POC

Tech POC

Abuse POC

NET Prefix

API Key

Save

Close

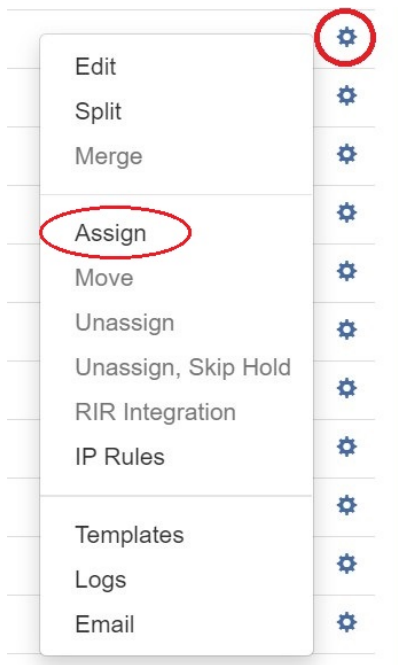
Be sure to hit "Save" when done to save your changes.

Multiple Org Support

Note that we support multiple Org Handles per ARIN entry. Simply complete the Org Handle fields and click "Add" after each addition. A list will display at the bottom of the Add LIR dialog box.

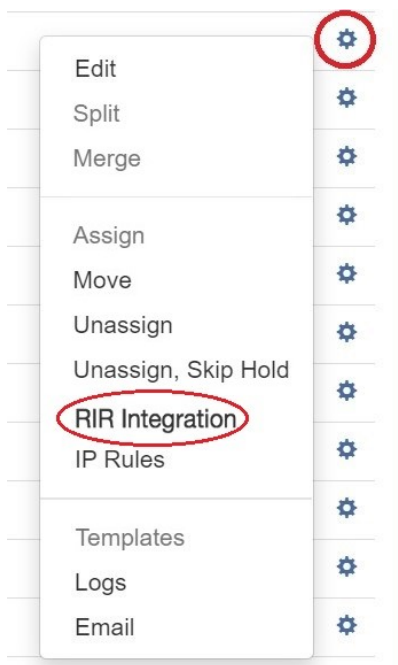
Step 2: Assign an IP block to a Resource using the IPAM Gadget or the Assign function from the IPAM Manage screen.

Go into IPAM Manage or the IPAM Gadget, and assign a block. See [Working with IP Blocks](#) for additional detail.



Step 3: Update SWIP information

Select "RIR Integration" from the Action Menu in IPAM Manage.



It will bring up an RIR Integration dialog, dependent on the selected RIR (ARIN example shown):

ARIN Integration 10.0.0.0/24 (10.0.0.0 - 10.0.0.255)

Select Lir...

Net Name:

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.

Simple Reassign Detailed Reassign Close

Select the ARIN LIR that has been created in ProVision, and add the Net Name / Registrar Public Name if desired.

Afterwards, you can select the Org Handle and chose "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

SWIP Update Functionality Details

In the case when a user already has SWIPped blocks to ARIN, ProVision checks prior to actually performing a SWIP. In the process, if the IP block is already SWIPped, it will check for existing ARIN customer data and update the ProVision data to reflect what ARIN has on file. Once that is complete, the user can then perform a de-SWIP function using ProVision.

Simple Re-assign

From ARIN.net:

Used to subdelegate IP addresses to a customer that does not need to:

- subdelegate the addresses to their own customers
- maintain their own in-addr.arpa delegation
- display their own point of contact (POC) information.

It can also be used to change the customer name and address information (but not the range) on an existing simple reassignment and to remove simple reassignments. It is submitted by an ARIN Online user account linked to the parent organization's Admin or Tech POC, or the Tech POC for the resource.

Detailed Re-assign

From ARIN.net:

Used to subdelegate IP addresses to a downstream organization that does not need to further subdelegate the IP addresses, but does need to maintain its own reverse name servers and/or display separate point of contact (POC) information. It is submitted by an ARIN Online user account linked to the parent organization's Admin or Tech POC, or the Tech POC for the resource.