

# RIPE LIR Setup and Use

## LIR Setup - RIPE

- Before you begin:
- Step 1: Setup the LIR information via the LIR Manager
- Step 2: Assign an IP block to a Resource
- Step 3: Update RPSL information

### Before you begin:

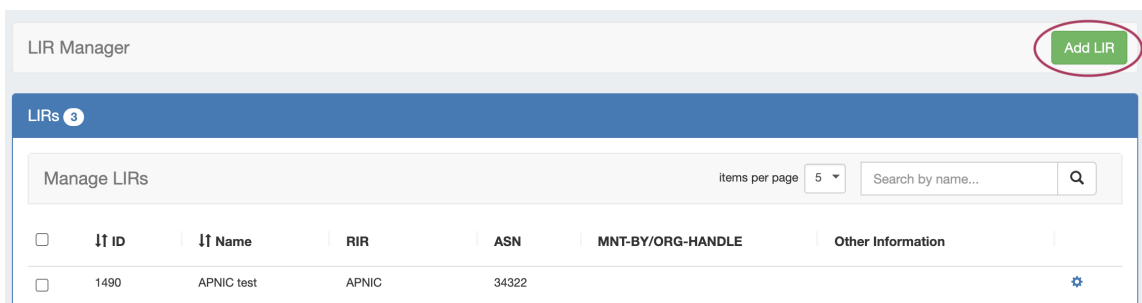
#### RIPE Integration

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>

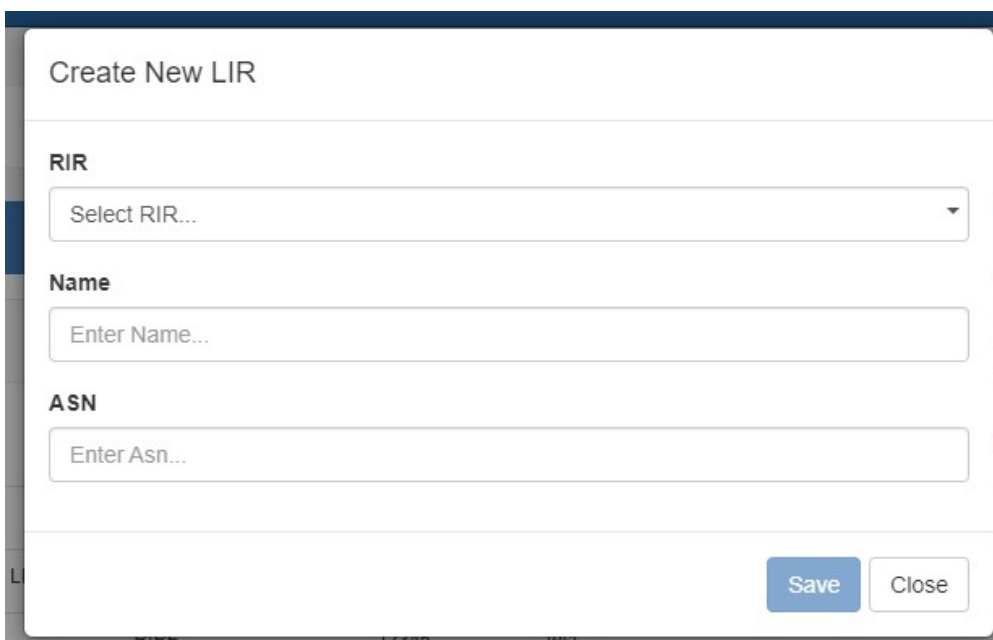
### Step 1: Setup the LIR information via the LIR Manager

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 'Manage LIRs' with columns: ID, Name, RIR, ASN, MNT-BY/ORG-HANDLE, and Other Information. The table contains one entry with 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.

Select "RIPE", then add in the requisite Maintainer Object related information:

Users API Scheduler Scanning Log Approvals Constraints Exit Admin

### Create New LIR

**RIR**

RIPE

**Name**

Enter Name...

**ASN**

Enter Asn...

**Maintainer**

**Admin Contact**

**Password**

**Tech Contact**

Add

Maintainer Admin Contact Tech Contact Password

Save Close

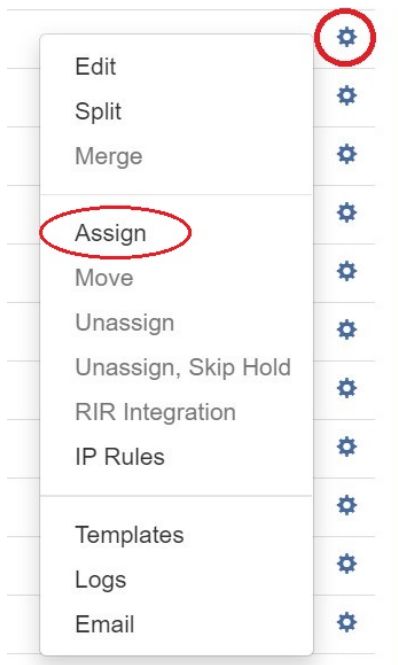
Be sure to hit "Save" when done to save your changes.

#### Multiple Maintainer Object Support

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

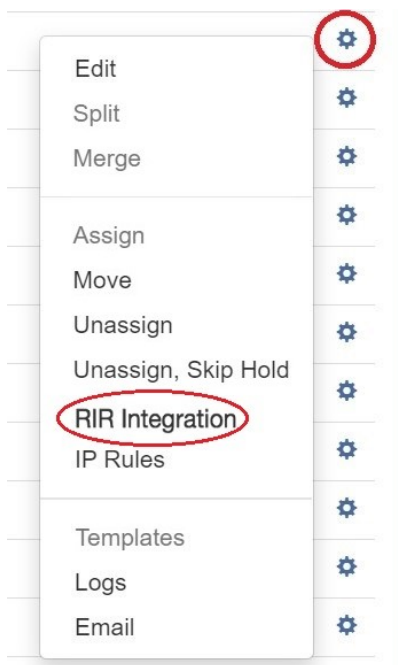
## Step 2: Assign an IP block to a Resource

Navigate to either IPAM Manage or the IPAM Gadget, and assign a block under the RIPE RIR. See [Working with IP Blocks](#) for additional detail.



### Step 3: Update RPSL information

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



Identify which LIR data you want to use for the netnum update, and select either "Create Inetnum" or "Cancel" to exit.

PAMVLANLogging

RIPE Integration 2001:db8::/33 (2001:db8:: - 2001:db8:7fff:ffff:ffff:ffff:ffff:ffff)

6connect TEST

| mnt-by                                                  | admin-c  | tech-c   | API Key |
|---------------------------------------------------------|----------|----------|---------|
| <input checked="" type="radio"/> MNT-SIXCONNECT-TESTING | LJ1-TEST | LJ1-TEST |         |
| <input type="radio"/> MNT-SIXCONNECT-TESTING-SHARED     | LJ1-TEST | LJ1-TEST |         |
| <input type="radio"/> TEST-DBM-MNT                      | LJ1-TEST | LJ1-TEST |         |

Create Inetnum

Close