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.

LIR M	lanager					Add LIR
LIRs	3					
Mai	nage LIRs				items per page 5 🔻 Search by name	Q
	ţt id	↓ ↑ Name	RIR	ASN	MNT-BY/ORG-HANDLE Other Information	
	1490	APNIC test	APNIC	34322		٥

You will be prompted to the select the RIR:

Create New LIR				
RIR				
Select RIR				•
Name				
Enter Name				
ASN				
Enter Asn				
L			Save	Close
KIPE	12349	lest		

Add in the requisite Org and POC information:

Users - API - Scheduler S	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		
Org ID Admin POC Te	ech POC A	buse POC NET P	refix API K	Add
			s	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.

F-4 34	\$
Edit	4
Split	-
Merge	\$
Assign	\$
Move	\$
Unassign	¢
Unassign, Skip Hold	¢
RIR Integration	*
IP Rules	¥
Templates	\$
Logs	\$
Email	¢

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

ARIN Integration 10.0.0/24 (10.0	.0.0 - 10.0	0.0.255)					
Select Lir	\$						
N	et Name:		e,				
Registrar Public Name (Simple Reass	ign only):		ļ				
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.							
	214	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.

A VLAN Logging								
ARII	ARIN Integration 10.0.0.0/24 (10.0.0.0 - 10.0.0.255)							
600	onnect	\$						
		Net Name:	6CONN-10-0-0-24					
	Registrar Public N	Name (Simple Reassign only):						
By de name	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		
0	CONNE-81	6CONN-ARIN	6CONN-ARIN	6CONN-ARIN	6CONN	*****		
					Simple Reassign Deta	ailed 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.