

# API Module - LIR

## LIR Management

ProVision's APIv1 system has been replaced by APIv2, and is now considered deprecated.

- LIR Management
  - Get
  - Delete
  - Add
  - Update

### Get

URL	/api/v1/api.php?target=lir&action=get				
Description	Returns a list of LIRs				
Returns	<div><b>Examples:</b></div> <table><tr><td>SUCCESSFUL</td><td><pre>{   "success": 1,   "message": "2 objects found",   "data": [     {       "id": "100",       "name": "RIPE Test LIR",       "slug": "ripe-test-lir",       "entities": [         {           "mnt_by": "mntner@email.com",           "mnt_by_password": "password",           "admin_c": "test-admin-c",           "tech_c": "test-tech-c",           "api_key": null         }       ],       "rir": "RIPE"     },     {       "id": "101",       "name": "ARIN Test LIR",       "slug": "arin-test-lir",       "entities": [         {           "org_handle": "TEST-10",           "admin_poc": "TEST-ARIN",           "net_poc": "TEST-ARIN",           "abuse_poc": "",           "net_name_prefix": "PRFX",           "api_key": "API-XXXX-YYYY-ZZZZ-1234"         }       ],       "rir": "ARIN",       "asn": "1000"     }   ] }</pre></td></tr><tr><td>ERROR</td><td><pre>{   "success": 0,   "message": "error message" }</pre></td></tr></table>	SUCCESSFUL	<pre>{   "success": 1,   "message": "2 objects found",   "data": [     {       "id": "100",       "name": "RIPE Test LIR",       "slug": "ripe-test-lir",       "entities": [         {           "mnt_by": "mntner@email.com",           "mnt_by_password": "password",           "admin_c": "test-admin-c",           "tech_c": "test-tech-c",           "api_key": null         }       ],       "rir": "RIPE"     },     {       "id": "101",       "name": "ARIN Test LIR",       "slug": "arin-test-lir",       "entities": [         {           "org_handle": "TEST-10",           "admin_poc": "TEST-ARIN",           "net_poc": "TEST-ARIN",           "abuse_poc": "",           "net_name_prefix": "PRFX",           "api_key": "API-XXXX-YYYY-ZZZZ-1234"         }       ],       "rir": "ARIN",       "asn": "1000"     }   ] }</pre>	ERROR	<pre>{   "success": 0,   "message": "error message" }</pre>
SUCCESSFUL	<pre>{   "success": 1,   "message": "2 objects found",   "data": [     {       "id": "100",       "name": "RIPE Test LIR",       "slug": "ripe-test-lir",       "entities": [         {           "mnt_by": "mntner@email.com",           "mnt_by_password": "password",           "admin_c": "test-admin-c",           "tech_c": "test-tech-c",           "api_key": null         }       ],       "rir": "RIPE"     },     {       "id": "101",       "name": "ARIN Test LIR",       "slug": "arin-test-lir",       "entities": [         {           "org_handle": "TEST-10",           "admin_poc": "TEST-ARIN",           "net_poc": "TEST-ARIN",           "abuse_poc": "",           "net_name_prefix": "PRFX",           "api_key": "API-XXXX-YYYY-ZZZZ-1234"         }       ],       "rir": "ARIN",       "asn": "1000"     }   ] }</pre>				
ERROR	<pre>{   "success": 0,   "message": "error message" }</pre>				

Example URL	/api/v1/api.php?target=lir&action=get
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## Delete

URL	/api/v1/api.php?target=lir&action=delete&id=ID				
Description	Deletes an LIR				
Returns	<b>Examples:</b> <table> <tr> <td>SUCCESSFUL</td><td> <pre>{   "success": 1,   "message": "LIR deleted." }</pre> </td></tr> <tr> <td>ERROR</td><td> <pre>{   "success": 0,   "message": "error message" }</pre> </td></tr> </table>	SUCCESSFUL	<pre>{   "success": 1,   "message": "LIR deleted." }</pre>	ERROR	<pre>{   "success": 0,   "message": "error message" }</pre>
SUCCESSFUL	<pre>{   "success": 1,   "message": "LIR deleted." }</pre>				
ERROR	<pre>{   "success": 0,   "message": "error message" }</pre>				
Example URL	/api/v1/api.php?target=lir&action=delete&id=100				

## Add

URL	/api/v1/api.php?target=lir&action=add		
Description	<p>Adds a new LIR.</p> <p>LIR creation utilizes the Resource system - see <a href="#">API Module - Resource - Add</a> for details on adding a resource via the API.</p>		
Returns	<b>Examples:</b> <table> <tr> <td>SUCCESSFUL</td><td> <pre>{   "success": 1,   "message": "Resource added",   "data": {     "id": 14063,     "name": "TestLIR",     "slug": "testlir",     "type": "entry",     "parent_id": 1,     "category_id": null,     "date": 1517513319,     "modified": 1517513319,     "attr": {       "_section": "94",       "rir": "ARIN",       "asn": "20202",       "org-handle": "org1", </pre> </td></tr> </table>	SUCCESSFUL	<pre>{   "success": 1,   "message": "Resource added",   "data": {     "id": 14063,     "name": "TestLIR",     "slug": "testlir",     "type": "entry",     "parent_id": 1,     "category_id": null,     "date": 1517513319,     "modified": 1517513319,     "attr": {       "_section": "94",       "rir": "ARIN",       "asn": "20202",       "org-handle": "org1", </pre>
SUCCESSFUL	<pre>{   "success": 1,   "message": "Resource added",   "data": {     "id": 14063,     "name": "TestLIR",     "slug": "testlir",     "type": "entry",     "parent_id": 1,     "category_id": null,     "date": 1517513319,     "modified": 1517513319,     "attr": {       "_section": "94",       "rir": "ARIN",       "asn": "20202",       "org-handle": "org1", </pre>		

	<pre>"admin-poc": "admin1", "net-poc": "tech1", "abuse-poc": "abuse1", "net-name-prefix": "test-", "api-key": 10, "mnt-by": "", "admin-c": "", "tech-c": "", "_gadget_data": false }, "section": {   "id": "94",   "name": "LIR",   "slug": "lir",       "type": "section",       "parent_id": "1",       "category_id": null,       "date": 1375846025,       "modified": 1375846025,       "attr": []     },     "gadgets": false   } }</pre>
	<div>ERROR</div> <pre>{   "success": 0,   "message": "error message" }</pre>

Required Parameters  ( meta[ ] = )				
	Name	Type	Example	Notes
	meta[name]	STRING	TestLIR	Name of the new LIR resource.
	meta[type]	STRING	entry	Type of resource - Adding a LIR will <b>always</b> be "entry".
	meta[section]	STRING	lir	Section of the resource object. - Adding a LIR will <b>always</b> have "lir" as the section.

Fields Information

Detail on the "fields" array:

fields []	ARRAY	<p>Entry field values (for fields that have already been assigned to the section) can be populated when the entry is created.</p> <p>The format is field[field-slug][field-instance]. If the field instance is left blank, it will simply be the next value in the instance array. For example:</p> <p><i>fields[network-fqdn][]=example.com&amp;fields[network-fqdn][]=test.com</i></p> <p>would be written in JSON as</p> <pre>var fields = {     "network-fqdn": [         "example.com",         "test.com"     ] }</pre> <p><b>Please note that the Field Slug might differ from the Field Name!</b> To find the correct slug to use in adding resources with field values go the Section of the Resource you are adding, click 'Edit', then click the name of the Fields you will be populating. An Edit Field box will pop up which displays the Field's slug.</p> <p>A field can be added to a section multiple times. The field instance is used to keep track of which field occurrence we are referring. In this example, the network-fqdn field had been added twice to the section so we were able to store two values for it.</p>
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Required Parameters

( fields[ ][] =)

Name	Type	Example	Notes
fields[rir][]	STRING	ARIN	The RIR for the LIR. Accepted values are "ARIN", "RIPE", "LACNIC", "AfriNIC", "APNIC", and "1918".
fields[asn][]	STRING	20202	The ASN (Autonomous System Number) for the LIR.

Optional Parameters  
  
( fields[ ][] = )

For LIRs with RIR = "ARIN":			
Name	Type	Example	Notes
fields[org-handle][]	STRING	org1	Organization Handle.  <b>NOTE:</b> When providing field information, Organization handle is <b>required</b> in order for the remaining fields to populate.
fields[admin-poc][]	STRING	admin1	The admin point of contact object name.
fields[net-poc][]	STRING	tech1	The network point of contact for this object.
fields[abuse-poc][]	STRING	abuse1	The abuse point of contact object name.
fields[net-name-prefix][]	STRING	test-	The network name prefix.
fields[api-key][]	STRING	akakakakakaka	API key used to interface with RIR services

  

For LIRs with RIR = "RIPE", "LACNIC", "AfriNIC", "APNIC", and "1918". :			
Name	Type	Example	Notes
fields[mnt-by][]	STRING	maint1	The name of the maintainer object.  <b>NOTE:</b> When providing field information, Maintainer name is <b>required</b> in order for the remaining fields to populate.
fields[mnt-by-password][]	STRING	passwordabcd	The maintainer password.
fields[admin-c][]	STRING	admin1	Administrative contact for this object.
fields[tech-c][]	STRING	tech1	Technical contact for this object

  

Example URL

**ARIN example with only minimum required information:**  
  
/api/v1/api.php?target=lir&action=add&meta[name]=TestLIR1&meta[type]=entry&meta[section]=lir&fields[rir][]=ARIN&fields[asn][]=20202  
  
**ARIN example with full Organization field details:**  
  
/api/v1/api.php?target=lir&action=add&meta[name]=TestLIR2&meta[type]=entry&meta[section]=lir&fields[rir][]=ARIN&fields[asn][]=20202&fields[org-handle][]=org1&fields[admin-poc][]=admin1&fields[net-poc][]=tech1&fields[abuse-poc][]=abuse1&fields[net-name-prefix][]=test-&fields[api-key][]=akakakakakaka  
  
**Non-ARIN example with only minimum required information:**  
  
/api/v1/api.php?target=lir&action=add&meta[name]=TestLIR3&meta[type]=entry&meta[section]=lir&fields[rir][]=RIPE&fields[asn][]=20202  
  
**Non-ARIN example with full Organization field details:**  
  
/api/v1/api.php?target=lir&action=add&meta[name]=TestLIR4&meta[type]=entry&meta[section]=lir&fields[rir][]=1918&fields[asn][]=20202&fields[mnt-by][]=maint1&fields[mnt-by-password][]=passwordabcd&fields[admin-c][]=admin1&fields[tech-c][]=tech1

Update

URL	/api/v1/api.php?target=lir&action=update
Description	<p>Updates a LIR.</p> <p>LIR updates utilize the Resource system - see <a href="#">API Module - Resource - Update</a> for details on editing a resource via the API.</p>
Returns	<p><b>Examples:</b></p>

SUCCESSFUL	<pre>{   "success":1,   "message":"Resource Updated",   "data":   {     "id":"206",     "name":"TestName",     "slug":"dstl-reserved",     "type":"entry",     "parent_id":"191",     "category_id":null,     "date":1470755920,     "modified":1517513903,     "attr":     {       "mnt-by-password":11,       "rir":"RIPE",       "asn":"30303",       "mnt-by":"Maint2",       "admin-c":"admin4",       "tech-c":"Tech5",       "_section":"162",       "_custom_id":"",       "_gadget_data":[]     },     "section":     {       "id":"162",       "name":"4BCH",       "slug":"4bch",       "type":"section",       "parent_id":"1",       "category_id":null,       "date":1468356788,       "modified":1468356788,       "attr":[]     },     "gadgets":[]   } }</pre>
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	<table><tr><td>ERROR</td><td><pre>{   "success":0,   "message":"error message" }</pre></td></tr></table>	ERROR	<pre>{   "success":0,   "message":"error message" }</pre>										
ERROR	<pre>{   "success":0,   "message":"error message" }</pre>												
Required Parameters  ( meta[ ] = )	<table><tr><th>Name</th><th>Type</th><th>Example</th><th>Notes</th></tr><tr><td>meta[id]</td><td>INTEGER</td><td>1234</td><td>ID of the LIR resource to update.</td></tr><tr><td>meta[type]</td><td>STRING</td><td>entry</td><td>Type of resource - Updating a LIR will <b>always</b> be "entry".</td></tr></table>	Name	Type	Example	Notes	meta[id]	INTEGER	1234	ID of the LIR resource to update.	meta[type]	STRING	entry	Type of resource - Updating a LIR will <b>always</b> be "entry".
Name	Type	Example	Notes										
meta[id]	INTEGER	1234	ID of the LIR resource to update.										
meta[type]	STRING	entry	Type of resource - Updating a LIR will <b>always</b> be "entry".										
Optional Parameters  ( meta[ ] = )	<table><tr><th>Name</th><th>Type</th><th>Example</th><th>Notes</th></tr><tr><td>meta[name]</td><td>STRING</td><td>TestLIR</td><td>Name of the LIR resource.</td></tr></table>	Name	Type	Example	Notes	meta[name]	STRING	TestLIR	Name of the LIR resource.				
Name	Type	Example	Notes										
meta[name]	STRING	TestLIR	Name of the LIR resource.										
Required Parameters  ( fields[ ][] = )	None.												



Optional Parameters  ( fields[ ][] = )	<b>For LIRs with RIR = "ARIN":</b>			
	<b>Name</b>	<b>Type</b>	<b>Example</b>	<b>Notes</b>
	fields[rir][]	STRING	ARIN	The RIR for the LIR. Accepted values are "ARIN", "RIPE", "LACNIC", "AfriNIC", "APNIC", and "1918".
	fields[asn][]	STRING	20202	The ASN (Autonomous System Number) for the LIR.
	fields[org-handle][]	STRING	org1	Organization Handle.  <b>NOTE:</b> When providing field information, Organization handle is <b>required</b> in order for the remaining Org. object fields to populate.
	fields[admin-poc][]	STRING	admin1	The admin point of contact object name.
	fields[net-poc][]	STRING	tech1	The network point of contact for this object.
	fields[abuse-poc][]	STRING	abuse1	The abuse point of contact object name.
	fields[net-name-prefix][]	STRING	test-	The network name prefix.
	fields[api-key][]	STRING	akakakakakaka	API key used to interface with RIR services
	<b>For LIRs with RIR = "RIPE", "LACNIC", "AfriNIC", "APNIC", and "1918". :</b>			
	<b>Name</b>	<b>Type</b>	<b>Example</b>	<b>Notes</b>
	fields[rir][]	STRING	RIPE	The RIR for the LIR. Accepted values are "ARIN", "RIPE", "LACNIC", "AfriNIC", "APNIC", and "1918".
	fields[asn][]	STRING	20202	The ASN (Autonomous System Number) for the LIR.
	fields[mnt-by][]	STRING	maint1	The name of the maintainer object.  <b>NOTE:</b> When providing field information, Maintainer name is <b>required</b> in order for the remaining maintainer object fields to populate.
	fields[mnt-by-password][]	STRING	passwordabcd	The maintainer password.
	fields[admin-c][]	STRING	admin1	Administrative contact for this object.
	fields[tech-c][]	STRING	tech1	Technical contact for this object
Example URL	<b>Update example with only the minimum required information:</b>			
	<p>This sends only the meta data required for a success response, but it does not actually change any values.</p> <p>/api/v1/api.php?target=lir&amp;action=update&amp;meta[id]=14068&amp;meta[type]=entry</p> <p><b>Update example with changing RIR, ASN, and updating all field information:</b></p> <p>This example changes a non-ARIN LIR to an ARIN LIR, and provides all updated information for the new RIR type.</p> <p>/api/v1/api.php?target=lir&amp;action=update&amp;meta[id]=14068&amp;meta[type]=entry&amp;meta[name]=TestLIR4b&amp;fields[rir][]=ARIN&amp;fields[asn][]=30303&amp;fields[org-handle][]=OrgABC&amp;fields[admin-poc][]=AdminABC&amp;fields[tech-c][]=TechABC&amp;fields[abuse-poc][]=AbuseABC&amp;fields[net-name-prefix][]=TestABC-&amp;fields[api-key][]=abcdabcd</p>			