

## ProVision 7.4.4

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ProVision 7.4.4 is a minor release with improvements and bug fixes.

- Improvements
  - Resources "Encrypted Data" Field
  - Peering Request Email Address
- API Updates
- Bug Fixes/Minor Improvements

Contact 6connect at [info@6connect.com](mailto:info@6connect.com) to schedule a demo or get more information.

## Improvements

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### Resources "Encrypted Data" Field

IM - 3894: Added encrypted data field for Resources.

*The Encrypted Data field can be used to store passwords or other sensitive data in encrypted format. Data will be hidden from view, and a "decode" option available if the user has appropriate permissions on the resource.*

Fields

Encrypted data 2:

Encrypted data 1:  [DECODE](#)

[Edit](#)

### Add the Encrypted Data Field to a Section

To add an Encrypted Data field to a section from the edit section page, drag and drop the field from the Custom Fields column. Multiple fields may be added.

The 'Fields' configuration page displays two columns of field types. The left column includes: Text Input, Text Area, Encrypted data 1, Encrypted data 2, Radios (Option one, Option two), Color (Red), and Help. The right column includes: Text Input, Text Area, URL, Choice Box (Option one), Radios (Option one, Option two), Checkboxes (Option one, Option two), and Encrypted data. A red arrow originates from the 'Encrypted data' field in the right column and points to the 'Encrypted data 2' field in the left column.

Select the field name and you will get an editing window to modify the parameters of the field. Custom fields may be renamed and have other attributes updated. See [Customizing Fields](#) page for more details.

The 'Encrypted data' field configuration dialog box is shown. It contains the following fields: Name (with an 'Open in new tab' link), Help Text, Slug (with a plus icon), and a list of options. The 'Name' field contains 'Encrypted data 2'. The 'Help Text' field is empty. The 'Slug' field contains 'encrypted-data-15582-3480377'. The 'Options' list contains 'Option one'. There are 'Save' and 'Cancel' buttons at the bottom of the dialog.

## Add to the Field Gadget

Once the Encrypted Data field is enabled it can be added to the [Field Gadget](#) on the Resource Entry page. Click edit, select the field from the drop down menu, and click add.

The 'Fields' configuration page shows the 'Add new field' dropdown menu. The 'Encrypted Data' field is selected, and the 'Add' button is highlighted. The 'Fields' list includes: MAC Address, QA Check, Text Input, Encrypted Data, URL, Radios, Color, Checkboxes, and Encrypted Data. The 'Add' button is highlighted with a red circle.

Enter desired data and click save.


Data entered in the field is obscured with a Decode button that will convert the data to plain text when clicked. Only users with [update permissions](#) on a resource are able to view the plain text when the Decode button is clicked.

Fields

Encrypted data 2:


Encrypted data 1:  [DECODE](#)

[Edit](#)

 When the Encrypted Data field is empty it will display the same as when there is data entered.

## Add to the a Resource List View


Encrypted Data fields can be added to custom resource list columns, from the [Resource](#) Tab Settings page, under "Default Columns".

Default Columns 





































Select the columns to display in the resource view. To change ordering, use drag and drop columns. To add new columns, search for the field you want to display and press enter. If the field does not belong to the resource, the cell will be displayed as empty.

A readonly column cannot be deleted. It can be hidden only and its column name is editable.

If you wish to create a new custom field to display as a new column, the custom field must first be [created for the desired Section\(s\)](#). Then, the new field will be available to select as a column.

Encrypted Data 1 

Encrypted data 1 (encrypted-data-15584-3589076)

Field	Column name	Options
 id	<input type="text" value="Id"/>	  
 slug	<input type="text" value="Slug"/>	  
 name	<input type="text" value="Name"/>	  
 parent_id	<input type="text" value="Parent Id"/>	  
 parent_name	<input type="text" value="Parent Name"/>	  
 category_id	<input type="text" value="Category Id"/>	  
 category_name	<input type="text" value="Category Name"/>	  
 date	<input type="text" value="Created"/>	  
 modified	<input type="text" value="Modified"/>	  

[Clone](#)[Delete](#)[Save Changes](#)

In the "Select Field" input box, click and search for the field name. The added field will show highlighted in red (with visibility toggled off) at the bottom of the list.































To toggle column visibility on or off, click the "eye" icon on right side of the field row.

Default Columns10

Select the columns to display in the resource view. To change ordering, use drag and drop columns. To add new columns, search for the field you want to display and press enter. If the field does not belong to the resource, the cell will be displayed as empty. A readonly column cannot be deleted. It can be hidden only and its column name is editable.

If you wish to create a new custom field to display as a new column, the custom field must first be created for the desired Section(s). Then, the new field will be available to select as a column.

Encrypted data 1 (encrypted-data-15584-3589076)

Field	Column name	Options
id	Id	  
slug	Slug	  
name	Name	  
parent_id	Parent Id	  
parent_name	Parent Name	  
category_id	Category Id	  
category_name	Category Name	  
date	Created	  
modified	Modified	  
encrypted-data-15584-3589076	Encrypted Data 1	  

Clone

Delete

Save Changes

When done, click "Save Changes" at the bottom right side of the page.

## Viewing from the Resource List

Encrypted data can be viewed from a resource list by right-clicking on a resource and selecting "Edit Attributes".

Resource list265

Entries

export

chart view






show filters +

<input type="checkbox"/>	Id	↕ Slug	↕ Name	↕ Parent Id	↕ Parent Name
<input type="checkbox"/>	15312	14917-1	14917	1	TLR
<input type="checkbox"/>	15316	14917-2	14917		TLR
<input type="checkbox"/>	206	3m	3M		TLR
<input type="checkbox"/>	14915	3m-the-second	3M the seco		TLR
<input type="checkbox"/>	10690	6connect-test	6connect TE		TLR
<input type="checkbox"/>	14743	6connect-test-2	6connect TE		TLR
<input type="checkbox"/>	15559	a-encrvoted-field-reso...	A Encrvoted Field Res...	1	TLR

To encrypt/decrypt the field, click the "eye" icon on right side of the field row. Note: You will only be able to decrypt the field if you have appropriate update permissions on the resource.

Resource Attributes: **A Encrypted Field Resource 1**

Edit resource's attributes. You must visit the Edit Section page if you want to add new fields or remove existing ones.

Checkboxes (checkboxes)	<input checked="" type="checkbox"/> Option one <input checked="" type="checkbox"/> Option two	
Encrypted data A (password)	Test A	
Encrypted data B (password)	...	
Encrypted data C (password)	...	
Encrypted data D (password)	...	
Encrypted data E (password)		

Update Close

## Peering Request Email Address

IM - 3913: Added "Request Email" field to Peering Exchanges Settings page

*Set the name and email address to use when sending peering requests.*

## Add Email Address to Exchange Settings

To add a name and email address enter the information into the fields on the Exchanges Settings page and click save.

Request Email Address

Set the name and email address to use when sending peering requests

Name  Email

## Viewing from Exchange Details Communications tab

Once the email is entered it will be visible in the Peering "Send Email" box when sending an approval request.

Send Email

From:

# API Updates

IM - 3070: Expanded API endpoints for Smart and Direct Assign to accept metadata field parameters

## Direct Assign PUT return model

PUT

/ipam/netblocks/{cidr}/direct\_assign

Direct assign by using netblock cidr and resource id

Parameters

Cancel

Name	Description
<b>cidr</b> <small>required</small> string <i>(path)</i>	The IP block in CIDR format
	0.0.8.128/25

Request body

application/json

Example Value

Model

```
{"resource_id": "206", "meta1": "Test"}
```

```
],
"region": "SF0",
"region_id": 134,
"rule_id": null,
"reserved_time": "2021-01-08 23:47:10",
"reserved_by": 1301252480,
"resource_type": "system",
"dhcp_resource_id": null,
"umbrella_resource_id": null,
"meta1": "Test",
"meta2": null,
"meta3": null,
"meta4": null,
"meta5": null,
"meta6": null,
"meta7": null,
"meta8": null,
"meta9": null,
"meta10": null,
"nat": null,
"host_count": "128",
"region_name": "San Franscisco",
"range": [
  "0.0.8.128",
  "0.0.8.255"
]
```

## Smart Assign PUT return model

PUT

/ipam/netblocks/smart\_assign Smart assign by using Resource ID

Parameters

No parameters

Cancel

Request body

application/json

Example Value

Model

```
{
  "type": "ipv4",
  "rir": "1918",
  "mask": "32",
  "meta1": "asd",
  "resource_id": "206"
}
```

```
],  
  "region": "OMA",  
  "region_id": 135,  
  "rule_id": null,  
  "reserved_time": "2021-01-14 20:11:53",  
  "reserved_by": 630901716,  
  "resource_type": "system",  
  "dhcp_resource_id": null,  
  "umbrella_resource_id": null,  
  "meta1": "asd",  
  "meta2": null,  
  "meta3": null,  
  "meta4": null,  
  "meta5": null,  
  "meta6": null,  
  "meta7": null,  
  "meta8": null,  
  "meta9": null,  
  "meta10": null,  
  "nat": null,  
  "host_count": "1",  
  "region_name": "Omaha",  
  "range": [  
    "4.5.0.0",  
    "4.5.0.0"  
  ]  
}
```

Public APIv2 documentation is located at <https://cloud.6connect.com/APIv2/>.

## Bug Fixes/Minor Improvements

IM - 3838: Corrected issue with PTR validation function that did not properly detect a formatting issue that should have invalidated a record host

IM - 3867: Fixed Add New Resource parent resource dropdown menu issue that displayed fields instead of resource holders

IM - 3870: Updated IPAM soft merge endpoint in APIv2 to work with current infrastructure

IM - 3877: Resolved an issue in NAT where IPs would retain their NAT'd status after being un-NAT'd during the daily NAT Rotation task

IM - 3881: Fixed Master Slave-Handling selector in Advanced Default Group Parameters menu that was not selectable

IM - 3883: Resolved an issue that caused an error in the assignability of IPAM blocks when both "Propagate" and "Subassignments" were enabled

IM - 3887: Fixed inability to insert text into Peering Request Email field

IM - 3888: Fixed issue with export to csv in Reporting that caused an error that changed the file type in Firefox browser download

IM - 3891: Fixed column sort functions in Admin Approvals section that did not sort properly

IM - 3895: Added Yahoo and Gmail capabilities to Peering Email section



IM - 3896: Fixed error with "Test Connection" function when adding Peering email

IM - 3897: Resolved Reporting section issue that resulted in misaligned columns when a filtered report was exported to csv

IM - 3898: Fixed issue with Runout Report view that caused the results to be split into two different lines when the report was filtered by a region with a comma (e.g. Washington, D.C.)

IM - 3910: Resolved error with DNSv3 ZoneView "Add New Zone" (plus) button

IM - 3911: Corrected misspelling in IPAM edit popup