ProVision 4.1.0

The 4.1.0 release is a minor release that packs in some big updates and customer feature requests.

New Features

Dashboard Redesign

The main dashboard is completely redesigned with pie and bar graphs for a variety of IPAM, DNS, and resource data.
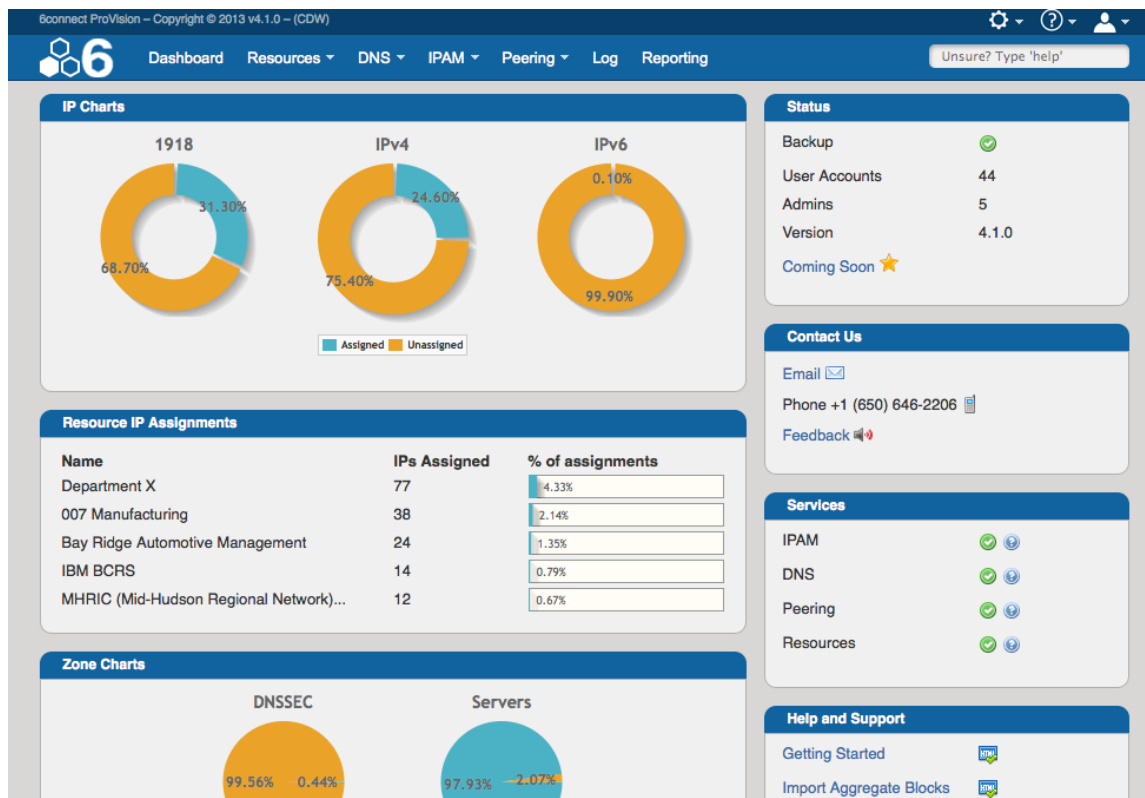
IP Detail View Options

View your IP aggregates in the way you want to view them. Set filters for each aggregate based on Mask, LIR, ASN, Tags, Region, Code, VLAN, or Resource Assignment.

PowerDNS - MySQL Support

Full support for the MySQL PowerDNS backend. Zone updates are pushed out in easy SQL updates to the target server.

PowerDNS MySQL Importer

Just enter the target server information, click import, and watch all your zone data populate the 6connect database.

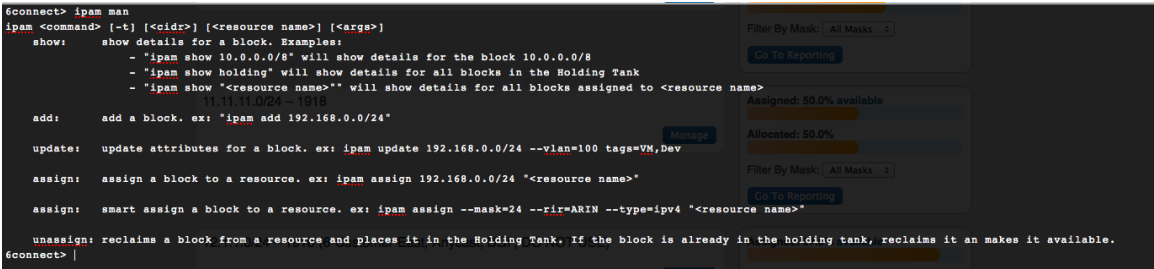**Global Tag Update/Delete Functionality**

Update and delete tags globally from the primary tags list, just as nature intended.

DNS Audit Tools (Beta)

View both forward and reverse DNS for entire /24 to get a clear view for how the block is used. Audit against public DNS to see if records are mis-matched or out of sync.

CLI (Alpha)

Hate clicking and have a general disdain for UI? This feature is for you! Just press ctrl+shift+s to try 6connect on the CLI with simple commands for quick no-frills interaction.

```
6connect> ipam man
ipam <command> [-t] [<cidr>] [<resource name>] [<args>]          Filter By Mask: All Masks
    show:    show details for a block. Examples:                  Go To Reporting
                - "ipam show 10.0.0.0/8" will show details for the block 10.0.0.0/8
                - "ipam show holding" will show details for all blocks in the Holding Tank
                - "ipam show "<resource name>"" will show details for all blocks assigned to <resource name>
                      11.11.11.0/24 - 1918
    add:     add a block. ex: "ipam add 192.168.0.0/24"                              Assigned: 50.0% available
                                                                    Manage          ▓▓▓▓▓▓
    update:  update attributes for a block. ex: ipam update 192.168.0.0/24 --vlan=100 tags=VM,Dev
                                                                                     Allocated: 50.0%
    assign:  assign a block to a resource. ex: ipam assign 192.168.0.0/24 "<resource name>"
                                                                                     Filter By Mask: All Masks
    assign:  smart assign a block to a resource. ex: ipam assign --mask=24 --rir=ARIN --type=ipv4 "<resource name>"
                                                                                     Go To Reporting
    unassign: reclaims a block from a resource and places it in the Holding Tank. If the block is already in the holding tank, reclaims it an makes it available.
6connect> |
```

Feature Improvements

Resource UI Functionality

Easier navigation and button placement, alphabetical browse, data usage charts and more!
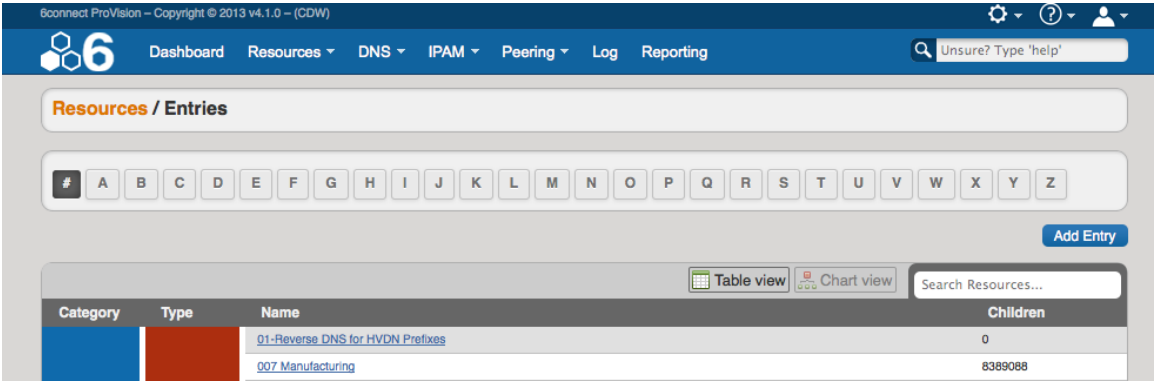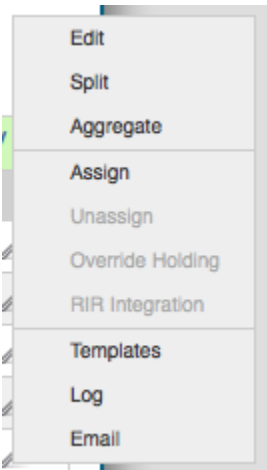

Header Redesign

The header and menu bars have been streamlined to take up less space, and present menu/options in a clean format.

Option Menu Redesign

Say goodbye to icons. All option menus have been switched to simple text drop down for easier and more intuitive interaction.

IP Import Option Additions

You can now import all data relevant to an IP including Resource Holder ID, Resource ID, Org ID, Net Handle, Customer Handle, Generic Code, ASN, Allow Sub-Assignments, and of course all the basic information.

Step 1: New Import

The IP Import accepts CSV files in a variety of configurations and formats. For an example file, click here.

Job Name: test of old import file   Description: testing import – old version   Browse... No file selected.   Start Import

File must be in CSV Format.

Step 2: Define Columns

The Import process requires you to enumerate the function of the columns in the provided CSV. There must be either a CIDR column or both an IP and a Mask column. There can be multiple Notes, Tags, and Regions fields. Either a defined RIR column or a Default RIR is required.

Resource Holder ID	IP	Mask	Notes	RIR

Allow Subassignments
ASN
CIDR String
Customer Handle
Generic Code
IP
Mask
Net Handle
Notes
Org ID
Region
Resource Holder ID
Resource ID
Resource Name
RIR
Tags
VLAN

IP Block	subnet	Notes	RIR
10.2.3.0	/24	Internal space	1918
10.5.3.2	/32	Customer assign	ARIN
10.10.10.0	/30	PTP	1918
10.1.0.0	/24		ARIN
10.2.0.0	/24	Development	1918
10.4.0.0	/24	Ticket 1515	1918

Default RIR: Next

Step 3: Missing References

The importer has detected references which do not currently exist in the system. Rows referencing non-existant data cannot be imported. Please select the

Bug Fixes

IM-919 - IPAM menu UI issues in IE9

IM-1054 - DNS Add Zone allowing spaces in domain name

IM-1057 - DNS edit - hitting enter key to save record creates strange pop up in Safari

IM-1119 - Odd session behavior on API calls

IM-1162 - Read Only user can edit IPAM blocks from IPAM gadget

IM-1163 - Read Only user can't see time machine data from IPAM gadget