Working with Managed Servers

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Managa Optiona						
Manage Options						Add Server
Server Section						
DNS Monitoring Refresh Table \mathcal{Z}				items per page 20 💌 Search by name.		٩
↓↑ Server Name	Requests (2 min)	DNS	Monitor	DHCP	State	
DNS Master	4 requests	v0.17	v0.20	-	Running	¢
DNS Cache 1	4 requests	v0.17	v0.20	-	Running	٥
DNS Cache 2	0 requests	v0.17	v0.20		Stopped	٥
DNS Cache 3	4 requests	v0.17	v0.20	:	Running	¢
DNS Cache 4	4 requests	v0.17	v0.20	÷	Running	¢
DHCP Zone A	4 requests		v0.20	IPv4: v0.12 - IPv6: v0.12	Running	¢
DHCP Zone B	4 requests		v0.20	IPv4: v0.12 - IPv6: v0.12	Running	٥
DHCP Zone C	4 requests		v0.20	IPv4: v0.12 - IPv6: v0.12	Running	¢
DHCP Zone A Failover	4 requests		v0.20	IPv4: v0.12 - IPv6: v0.12	Running	¢
DHCP Zone B Failover	4 requests		v0.20	IPv4: v0.12 - IPv6: v0.12	Running	¢
DHCP Zone C Failover	4 requests	-	v0.20	IPv4: v0.12 - IPv6: v0.12	Running	¢
	Disp	elaying 1 to 11 of	11 items.			
	F	revious 1	Next			

The Managed Server page is where you can add a new server, view the list of existing servers, and view monitoring data on each server. From here, you may also access server settings and details for each server.

Requirements

Note: Managed Servers requires Python3 and Docker to be installed to support this feature.

- Working with Managed Servers
 - The Managed Server List Interface
 - Working with the Managed Server List
 - Add New Managed Server (Setup Wizard)
 - Step 1: Common Settings
 - Step 2: Communication Settings
 Step 3: Monitoring Settings

 - Step 4: Service Settings
 - Step 5: Confirmation
 - View or Edit Managed Server Details
 - Settings
 - Services
 - Add Service
 - Monitoring
 - RPS (requests per second)
 - · Update / Install Managed Server (Existing Component)
 - Requirements
 - Automatic (Recommended)
 - Manual (from the command line)
 - Without root
 - Update Managed Server
 - Automatic:

Manual Update:

- Managed Server Diagnostics / Debug
 - Automatic GUI
 Manual Command Line Scripts
 - Ivianuar Local
- Delete Managed Server
- Additional Information

The Managed Server List Interface

The Managed Server Section List provides server and monitoring data for each managed DNS / DHCP server.

Manage Options							Add Server
Server Section							
DNS Monitoring Refresh Table 🗯			it	tems per page 20 👻	Search by name		۹
11 Server Name	Requests (2 min)	DNS	Monitor	DHCP		State	
1-test	0 requests					Stopped	¢
6cDNS install problems	0 requests					Stopped	¢
6cDNS Install Problems 2	0 requests					Stopped	¢
6cDNS Install Problems 3	0 requests					Stopped	¢
c9300	0 requests					Stopped	٥
Contabo SSH Key	0 requests					Stopped	٥
Contabo Test Add service	0 requests					Stopped	٥
Contabo1	4 requests	v0.21	v0.20	IPv4: v0.12 - IPv6:	v0.12	Running	٥
Contabo2	4 requests		v0.19	IPv4: v0.12 - IPv6:	v0.12	Running	¢
Domo Contabol	0					- Norman d	*

The list provides the following information:

Server Name: The server display name, set by the user during server creation. You may click on the server name link to view server details

Requests: Requests are the heartbeat notifications received in the last 2 minutes. Requests are sent every 30 seconds, so a display of 4 or 5 requests represents a satisfactory request connection, and the request bar will show in green. For any lower value, the color of the bar will show in red.

DNS / Monitor / DHCP: The version of the component running. If the server is not running, no version will display.

State: State shows the overall state of the server - the server may be running, but without any components started. "Running" will show in green, whereas "Stopped" will display as an orange bar.

Action Menu (gear icon): Right click on the action menu (or anywhere on the row) to display available server actions

Working with the Managed Server List

The following actions may be performed when interacting with the server list:

Sort the list by clicking on the "Server Name" column, to view by Ascending / Descending order

Search / Filter the list for specific servers by entering a full or partial server name into the search box at the upper right of the list

Display more/fewer servers per page by clicking on the "Items per page" selector at the top right of the list, next to the search box

Refresh the list to check for updated information by clicking the "Refresh Table" button (rotating arrows)

Click on a server name to view / edit server details

Add New Managed Server (Setup Wizard)

Before you begin, you will need to know following connection information for the new managed server:

- Server FQDN or IP
- Desired server OS
- SSH credentials and port

To set up a new managed server, click "Add Server" at the top right of the Managed Server Tab.

Manage Options					Add Server
Server Section					
DNS Monitoring Refresh Tab	ie G		items per page 20 💌	Search by name	۹
↓↑ Server Name	Requests (2 min)	DNS Moni	itor DHCP	State	
DNS Master	4 requests	v0.17 v0.20	-	Running	¢
DNS Cache 1	4 requests	v0.17 v0.20	-	Running	¢
DNS Cache 2	0 requests	v0.17 v0.20	E.	Stopped	¢
DNS Cache 3	4 requests	v0.17 v0.20		Running	٥

From there, proceed through each of the five steps of the Add New Server wizard, below:

Step 1: Common Settings

0					
Common Settings	Communication Settings	Monitoring	g Settings	Service Settings	Confirmation
Display Name *			Installation Type		
Demo Server			Automatic	Installation O Manual Installation	n
This is the server name that will app	pear in the DNS interface.		The Management Se required services.	ervice will connect to the Managed Serve	r then install and configure any
Server OS *			FQDN or IP *		
Ubuntu		•	192.168.0.77		
The operating system that will run on the server.		The IP address that ProVision will use to connect to this server.			
					SSH Key Auth
SSH UserName *			SSH Password *		
root					
For SSH connection. Need write ac	cess to the zone folder and Bind settings.				
SSH Port *			SSH Route		
22			Search SSH-Route	e	
Server SSH Port.					

Enter the common settings for the new server:

Display Name: The display name for the server

Installation Type: You may choose either an automatic installation, where ProVision handles the installation, or perform a manual installation.

After selecting the installation type, enter the required fields for the server, depending on the selected install type:

Display Name (always required) Server OS (always required) FQDN or IP (required for automatic installations) SSH Username / Password (required for automatic installations) SSH Port (required for automatic installations) SSH Route (optional)

After entering in the common settings, click "Test Connection" to verify the connection and authentication.

Peering - Reporting - Settings	▼ Help ▼	
Successfully connecte	d and authenticated.	
		Close
	3	
Communication Settings	Monitoring Settings	Service Settings

Once a connection has been confirmed, click "Next".

Step 2: Communication Settings

1	2			
common Settings	Communication Settings	Monitoring Settings	Service Settings	Confirmation
ision username for server update	tes. If it is empty, it will be created automati	cally. ProVision p	password for server updates. If it is empty, it wil	be created automatically.
pi Address *				
2.168.0.63				-
2.168.0.63				

Managed servers require a ProVision user account and API IP in order to communicate configuration, data, and monitoring information.

ProVision Username / Password: You may enter a specific ProVision username and password, or allow one to be automatically generated.

IP API Address: The API address the managed server should use. There are cases when the DNS servers are in different networks and should communicate with ProVision on different IPs.

Click "Next" to proceed.

Step 3: Monitoring Settings

Select the desired monitoring settings for the server. You may either accept the default settings, or click on the toggle for **Custom Monitoring** Settings to override default settings.

1	2	3					
Common Settings	Communication Settings	Monitoring Settings	Service Settings	Confirmation			
Custom Monitoring S	Settings System Monitoring Interva	ı					
System Monitoring	5	5					
	System monitoring interval in DNS Monitoring Interval	System monitoring interval in seconds. DNS Monitoring Interval					
Dns Monitoring	60						
	DNS monitoring interval in s	NS monitoring interval in seconds.					
Raw Data Retention		Aggregate Data R	letention				
60		60					
The period to keep the raw/detailed	monitoring data in minutes.	The period to keep	the aggregated monitoring data in days.				
Communication Type							
Push-based				•			

Options include:

System Monitoring: Enable / Disable monitoring for system statistics. If enabled, enter the desired System Monitoring Interval (in seconds). More frequent intervals require larger storage, but generates more data in cases where investigation is needed.

DNS Monitoring: Enable / Disable monitoring for DNS statistics. If enabled, enter the desired **DNS Monitoring Interval** (in seconds). DNS requests are collected for the set time interval, and then sent as an aggregated result.

Raw Data Retention: How long to keep the raw data, in minutes. This affects how far back you could investigate an incident using the detailed data. Raw data requires sizable storage needs; so the default setting is 1440 min (1 day).

Aggregated Data Retention: How long to keep the aggregated data, in days.

Communication type: Select either Push-based (when the server pushes data to ProVision) or Pull-based (when ProVision connects to the server and pulls the data). Push-based is the preferred method, but Pull-based may be desirable in cases where a firewall would not allow inbound connections to ProVision.

Step 4: Service Settings

Here you can select which components to install linked to the current server. If you prefer not to add a service, both toggles may be disabled.

er Section			
1	3		
Common Settings	Communication Settings Monitoring Settings	Service Settings	Confirmation
n this section you can set if you want to	dd a Managed Service linked to the current Server. If you prefere not to add any se	ervice leave the toggles OFF.	
Add DNS Service	Max DNS Upgrade Version		
_	latest		-
	Limit the max upgrade version. Empty or latest for the most up to date.		
Add DHCP Service	Max DHCP Upgrade Version		
	latest		•
	Limit the max upgrade version. Empty or latest for the most up to date.		
	Server Type		
	Child O Parent		
	Server Parent *		
	Select parent		•
Previous			Next

Add DNS Service: Enable / Disable to add a DNS Managed Service link. Options include:

Max DNS Upgrade Version: Select either "latest", or select a specific version to install and not upgrade beyond, in case of known issues or incompatibility.

Add DHCP Service: Enable / Disable to add a DNS Managed Service link (Kea / MySQL DB). Multiple DHCP instances can connect to one database, organized as one parent with multiple children.

In ProVision, "1 database" = "1 dhcpmodule resource", and only a "parent" DHCP can have address and credentials for the database. The children don't store any information about the database and the necessary data is taken from the parent; no "dhcpmodule resource" are created for the children.

Options include:

Max DHCP Upgrade Version: Select either "latest", or select a specific version to install and not upgrade beyond, in case of known issues or incompatibility.

Server Type: Select "Child" or "Parent".

- <u>Child</u>: If "Child" is selected, then the parent server must be selected. On the managed server there will be an attribute to note that it will have DHCP component, but it would be a child one and which one is the parent. In this case the pv_mysql component is not installed as it is not needed - the DHCP will connect to another database
- <u>Parent (Default Configuration</u>): By default, if "Parent" is selected then ProVision will set up pv_dhcp and pv_mysql components on the server and pv_dhcp will be configured to use this pv_mysql as database. The server will offer both IPv4 and IPv6 addresses.
- <u>Parent (Advanced Configuration)</u>: The main use case is when you don't want to put further load to the server by hosting the database or a database in a container might not perform good enough, you have this option to provide another MySQL instance. Using this the user can also modify the database name, user, password and if the server should serve IPv4, IPv6 or both. The user can also select the location of the database local with pv_mysql component with the provided credentials or remote, which is completely remote database and no pv_mysql component will be set up.

When you are done setting up service and database settings, click "Next".

Step 5: Confirmation

The last step to setting up a new managed server is review and confirmation.

ver Section				
0				6
Common Settings Comm	nunication Settings	Monitoring Settings	Service Settings	Confirmation
Common Settings				
Display Name *				FQDN or IP *
Demo Server				192.168.0.77
Server OS*			Aut	hentication Type
ubuntu				password
Communication Settings				
Provision UserName			Pro	vision Password
Autogenerated				Autogenerated
IP Api Address *				SSH Port *
192.168.0.63				22
Monitoring Settings				
Custom Monitoring Settings			Com	munication Type
true				push-based
System Monitoring			0	ns Monitoring
true				true
System Monitoring Interval			DNS	Monitoring Interval
5				60
Raw Data Retention			Aggre	gate Data Retention
60				60
Service Settings				
Add DNS Service	Max DNS Upgrade	Version A	dd DHCP Service	Max DHCP Upgrade Version
Will be added	latest		Will not be added	

Options selected in previous steps will display on the page - review and confirm all settings, utilizing the "Previous" button if changes are needed. Once settings are verified, click "Create Server" to complete the setup wizard.

The new Managed Server will display in the Managed Server list.

After a new server has been created, you may edit it by clicking on the server name, or view monitoring data from the Managed Server list.

View or Edit Managed Server Details

Click on a server name, or open the server action menu to view details for a managed server.

The details of a server are organized into tabs: Settings, Services, Monitoring, and RPS.

Settings

By default, only "Display Name", "Server OS" and "FQDN or IP" fields are shown.

Toggle on "Show Advanced Settings" to see the ssh credentials, "IP Api Address" and the max versions for each component:

Show Advanced Settings	SSH Key Auth
Provision UserName	Provision Password
pv_4119_g30W@ProVision.test	
SSH UserName *	SSH Password *
root	
SSH Port*	SSH Route
22	Search SSH-Route V
IP Api Address *	
194.24.189.120	
Max DNS Upgrade Version	Max DHCP Upgrade Version
latest *	latest -
Custom Monitoring Settings	

Toggle on "Custom Monitoring Settings" to view/edit the monitoring settings:

Show Advanced S	Show Advanced Settings					
Custom Monitorin	g Settings					
	System Monitoring Interval					
Syst. Monitoring						
	DNS Monitoring Interval					
Dns Monitoring	30					
Raw Data Retention		Aggregate Data Retention				
60		30				
Communication Type						
Push-based						

This will be toggled if the user has set custom settings earlier or during the setup. The fields are the same as in the Monitoring Settings step during setup and are described there.

At the bottom left of the settings module, two buttons are available: "Run Actions" (including Push Install, Push Update, and Run Diagnostic options) and "Download Setup".

On the bottom right, you may click "Test Connection" to test the SSH connection to the server.

When any edits are complete, click "Save Changes".

Services

Under Services, you can view the enabled components for this server.

Server Section				
Settings Services Monitoring RPS				
Managed Services				
Service Name	Service	Server Type	Max Version	Port
Contabo1 Managed DNS	pv_dns	master	latest Edit	
Contabo1 Managed DHCP	pv_dhcp	parent	latest Edit	68

Click on a component to open a new tab with component details. In case of a "child" DHCP service, the link will lead to its parent.

s	Server Section								
	Settings	Services	Monitoring	RPS					
Managed Services									
	Service	Name				Service	Server Type	Max Version	Port
	Contabo	2 Managed DI	NS			pv_dns	master	latest Edit	
Child of Contabo1 Managed DHCP pv_dhcp child latest Edit 68									

Add Service

The "Add Service" button shows a popup to choose the service.

Add Service		
Service Type *		
DNS Service		
DNS Service DHCP Service	_	
	Close	Save

For DNS there is nothing to select:

Add Service			
Service Type *			^
DNS Service			
Max DNS Upgrade Version			
latest			
			Ŧ
	Close	Save	



Service Type * DHCP Service Server Type O Child Parent Server Parent * Select parent	Add Service		
DHCP Service ▼ Server Type ● Child ● Parent Server Parent * Select parent	Service Type *		
Server Type Child Parent Server Parent * Select parent *	DHCP Service		
Select parent	Server Type		
Select parent	Server Parent *		
	Select parent		
Close Save		Close	Save

Here, you may edit your settings if changes are needed.

Add Service				
Service Type *				
DHCP Service				•
Server Type		Configuration Type		
🔘 Child 🔘 Parent		Default O Advanced	t	
Max DHCP Upgrade Version				
latest				•
DB Location *		DB Host *		
Select DB Location		Enter DB Host Name		
DB Database *		DB UserName *		
Enter DB Name		Enter DB Username		
DB Password *		DB Port *		
Enter DB Password	٩	Enter DB Port		
IP Server Type *				
			Close	Save

When done, click "Save" to ensure any changes are saved, or click "Close" to exit without saving.

Monitoring

Under Monitoring, you can see the aggregated system statistics + "DNS aggregate":

Server Section	
Settings Services Monitoring RPS	
Date From	Date To
September 25, 2022 09:04 AM	September 26, 2022 09:04 AM
Interval	Metric
15 min ~	CPU Percent *
100% -	Select a Metric CPU Percent CPU Time Percent
00% -	PIDs Disk Usage Virtual Memory Swan Memory
aux	Net Connections Net IO Counters Dns Agregate
60% -	
50% -	
40% -	
30% -	
20% -	
10% -	
0% 12 PM 03 PM 06 PM 00 PM	Mon 28 03 AM 06 AM 09 AM

Select a certain time interval (by default, the last 24h) and aggregation interval (5 min, 15 min, 30 min, 1 hour). Note - the charts are different for the different metrics.

For example, selecting "Dns Aggregate" shows a different set of information:

Server Section	Server Section			
Settings Services Monitorin	g RPS			
Date From		Date To		
September 25, 2022 09:16 AM	л	September 26, 2022 09:16 AM		
Interval		Matric		
15 min		Dos Aggregate		
DNS Monitoring		items per page 20 🔻 Search	h by name Q	
DNS Record Id	Host Name	It Last Access	↓† Total Hits	
	version.bind.	2022-09-26 07:04:43	675	
	testip.internet-census.org.	2022-09-26 06:31:42	96	
	dnsscan.shadowserver.org.	2022-09-26 09:05:26	86	
	id.server.	2022-09-26 07:04:43	54	
	hostname.bind.	2022-0 9 -25 23:51:35	49	
	a.gtld-servers.net.	2022-09-26 08:57:45	46	
	amazon.com.	2022-09-26 05:17:40	43	
	239.166.163.194.in-addr.arpa.	2022-09-26 05:17:40	43	
	google.com.	2022-09-25 14:37:47		
	ampereinnotech.com.	2022-09-26 07:04:43	14	
	clients1.google.com.	2022-09-25 10:08:02		
4134	pvverify.test.	2022-09-26 09:15:46		
	194-163-166-239-6330f991.spiderprobe.com.	2022-09-26 05:17:40		
4189	pvverify.test.	2022-09-26 09:15:26		
	Displaying 1 to	o 14 of 14 items.		
		1 Next		

For the DNS records, we aggregate the overall total hits and the last time it was accessed. This is in order to be able to see the most/least used records and the ones which haven't been used for a long time and could be deleted. "Date From" and "Date To" here refer to the "Last Access".

If the request is for a record, for which we don't have resource, the ID will be 0. We have "pvverify.test" two times, because one of them is for "A" request and the other is for "TXT".

RPS (requests per second)

Under RPS, you can search for data for a given dns record.

Server Section			
Settings Services Monitoring RPS			
Date From *	Date To *		
September 25, 2022 09:26 AM	September 26, 2022 09:26 AM		
Action *	Host		
Request	E.g. example.com		
DNS Record	Туре		
Search Resource	Select type *		
Description	Values		
Request Per Second	0		
Date From	2022-09-25 9:26		
Date To	2022-09-26 9:26		
Total	38		
Time Delta	86400		

The following search filters are available:

Date From/ Date To: Time interval to search
Action: Request or response
DNS Record: Search for a specific resource
Host: Search by host
Type: DNS request type (A, AAAA, CNAME, MX, TXT etc.)

Update / Install Managed Server (Existing Component)

The installation can be run more than once. If we already have running components, they will be stopped before the real installation continues.

If there is newer version of any component, it will be downloaded and used.

The overall process is:



Requirements

Python 3.6+ and Docker are the only requirements. If we run the installation with root (see below) and we have internet access, the installation process will install Docker.

The overall process is always the same - ProVision generates an install bundle, it is transferred to the server, extracted there and run some scripts from it. This can be done by ProVision (automatic install) or by the user (manual). In case of automatic install ProVision will automate the steps, which the user would do manually. All the components can run without root access, but we need it for user creation, folders creation, network and heartbeat service setup.

Automatic (Recommended)

This is the recommended and easiest setup method. If you have root access, ProVision can do all the necessary actions.

Go to the details page Settings tab "Run Actions" "Push Install"

Server Section				
Settings Gervices Monitoring RPS				
Display Name *	Server OS *			
Contabo2	Ubuntu			
FQDN or IP *				
161.97.167.192				
Push Install Settings Push Update				
Run Diagnostic ng Settings				
Run Action Jownload Setup	Test Connection Save Changes			

Confirmation dialog will be shown:



Popup with the progress will be shown .:



Each command/step is shown together with the overall progress. The different steps take different time to complete, meaning 6/12 doesn't mean half of the time remains. The required time depends on the internet connection speed and CPU mainly. The longest steps are "setup_monitoring" and "setup_dhcp", they have to download the biggest containers.

Manual (from the command line)

This case is usually when the user doesn't want to input the root user in ProVision, but he has root access. The setup bundle should be downloaded and saved on your local computer:

Server Section				
Settings Services Monitoring RPS				
Display Name *	Server OS *			
Contabo2	Ubuntu 👻			
FQDN or IP *				
161.97.167.192				
The IP address that ProVision will use to connect to this server.				
Show Advanced Settings				
Custom Monitoring Settings				
Run Actions - Download Sup	Test Connection Save Changes			

The setup bundle name will be in format "setup-XXX.tar" where XXX is the resource ID of the managed server. The rest of the process is:

• copy the file to the managed server (with SCP or any other suitable way)

- extract it with "tar -xf setup-XXX.tar"
- execute "sudo /bin/bash install_python3.sh" this should finish with "PVOK"

Without root

This is the used if root access to the server is not available. In this case, an admin with root access should first do the following:

- Install docker with the relevant commands for the OS. This can be done by running "install_docker.sh" from the setup bundle with root or any other suitable way Install docker CentOS
- Install docker Ubuntu
- Create the relevant user, add it to "docker" group, create "/provision" directory and make the created user owner of this directory. User and directory setup
- Make the necessary network changes. This can be done by running "network_config.sh" from the install bundle Network config CentOS

Network config Ubuntu

Create service file and edit user with the correct system user. **pv_heartbeat.service**

Make symlink to this file (replace /provision/libs/pv_heartbeat.service with the correct file path): pv_heartbeat symlink CentOS sudoers Ubuntu sudoers Create sudoers file (user with the correct system user) and place it in /etc/sudoers.d:

Reload the systemct daemon:
 Reload services

From this point automatic or manual setup can be done with the non-root user

Update Managed Server

Updates may be automatic or manually performed.

Automatic:

In ProVision's Managed Servers page, open the server details. Then, under the settings tab, click "Run Actions, and select "Push Update".

Server Section			
Settings Services Monitoring RPS			
Display Name *	Server OS *		
Contabo2	Ubuntu		
FQDN or IP *			
161.97.167.192			
Push Install Settings			
Push Update			
Run Diagnostic			
Run Actions - Download Setup	Test Connection Save Changes		

Manual Update:

From the command line on the server, execute "python3 /provision/libs/pv_update.py"

The process of update of a component is as follow:

- Stop the running instance
- Check for newer version and download, if any exist. If no newer version is available, start the component again and skip the other steps
- Install the newer version
- Verify the component if the container is running and if the component is working as expected. For DNS we have internal TXT DNS record "pvverify.test" with value "PVOK". We check if it is resolved correctly. For DHCP we have internal pool for 198.51.100.0/24 and we try to acquire IP from it.
- In case of failure in the verification, start the last stable version (the one which was stopped)

Managed Server Diagnostics / Debug

Automatic - GUI

The user can run some basic diagnostics from the Managed Serve details page, under the Settings tab. Click "Run Actions", then "Run Diagnostics":

Server Section	
Settings Services Monitoring RPS	
Display Name *	Server OS *
Contabo1	Ubuntu
FQDN or IP *	
194.163.166.239	
Push Install Settings Push Update	
Run Diagnostic	
Run Actions A Download Setup	Test Connection Save Changes

All the debug and diagnostic tools are in the monitoring component, thus it needs to be running in order to function.

After clicking the button, a confirmation dialog will be shown with the results:

Push Status OK Checking remote rabbit queue monitor_servers OK Remote queue length: 0 Remote queue consumer count: 1 Testing push event to test_debug Create test_debug OK Debug queue initial length: 1 Publish to test_debug OK Debug queue current length: 2 End of diagnostics Image: Course test (2022-09-27T13:56:34+00:00) Run diagnostics Image: Course test (2022-09-27T13:56:34+00:00) Verify pv_monitor container is running Download Log File

We verify if we have docker running, if the monitoring component is running and the RabbitMQ connection.

You may download the results by clicking "Download Log File", and "Close" when done.

Manual - Command Line Scripts

All the scripts are in "/provision/libs/".

All the scripts can be started with "-h" parameter to show relevant help.

- pv_install.py used for the whole setup. The process itself is broken into separate steps, which can be executed individually with "-e/-exec-only=". The steps can be seen from the help (-h). This should be used by developers and for debugging purposes
- start_pv_*.sh all these scripts are used to start given component. All of them support "-v/-version" to specify the version of the
 component to start and "-b/-bash" to start the container in debug mode. In debug mode the user will be logged into the container but
 without starting /start.sh (the entrypoint).
- stop_pv_*.sh all these scripts are used to properly stop given component/container

Local

In addition to logging into any of the containers (starting the relevant script with -b/-bash) few other files are included into the monitoring component:

- · mysql client for browsing the database
- dhtest (link) for DHCP testing
- dnsutils dig, nslookup, nsupdate
- telnet

Delete Managed Server

To delete a managed server, right click on the action menu/ row for the server, and select "Delete".

Additional Information

Managed Servers Settings