

People and Technology
that work for *You...*

Plesk to cPanel Migration Tool

Case Study

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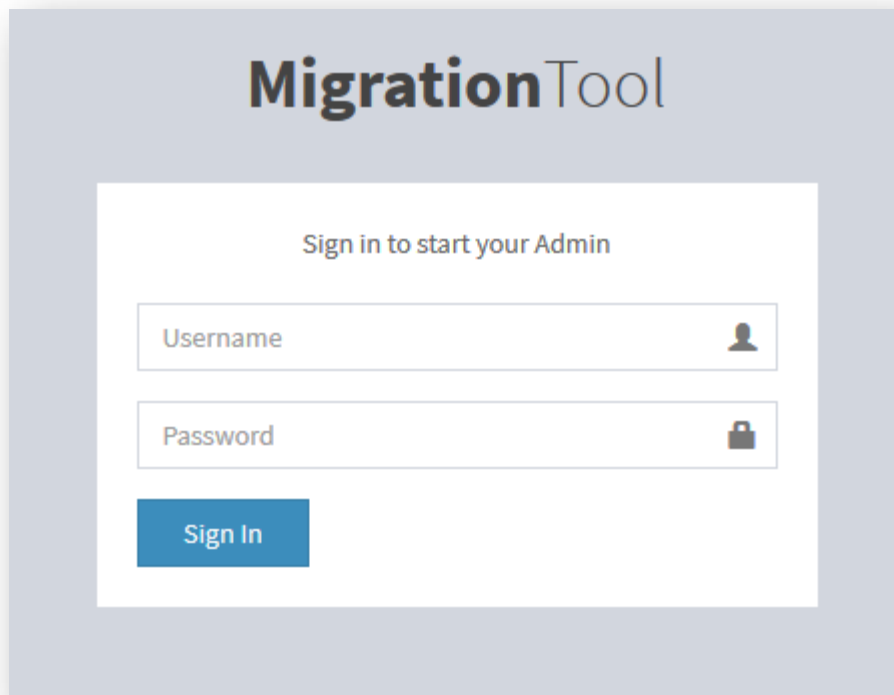
1. Business Challenge

- Implement full migration and partial migration of bulk domains among different servers.
- Manage master copy of source server and destination server.
- Track complete migration activity after initiation in terms of log.
- Generate the domain status report of different destination servers.

2. Aress Solution

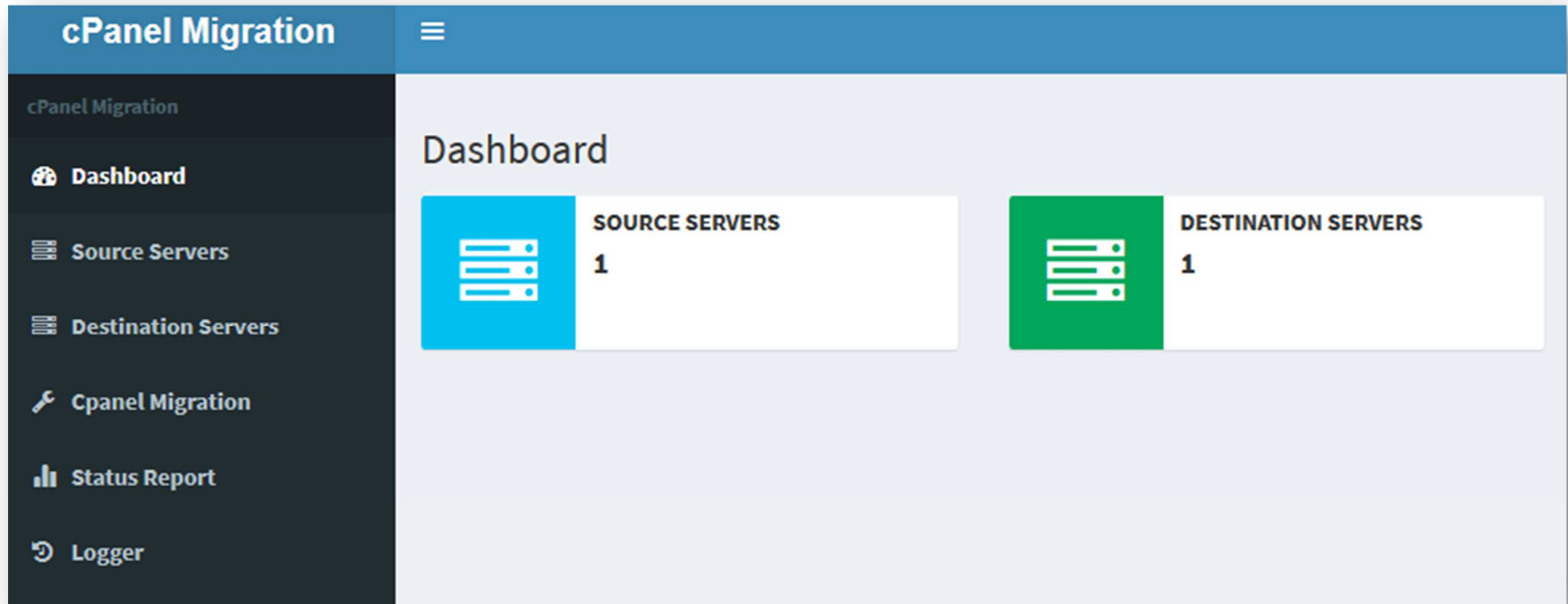
1.1. Authentication

- Migration Tool can be accessible using authentication. Only authorized person can have access to add / modify additional source servers and destination servers.
- Migration activity can be performed using the same tool.



1.2. Dashboard

- After authentication, it will land to “Dashboard” where authorized person can view number of source servers and destination servers added through existing tool.



The screenshot shows the 'cPanel Migration' dashboard. On the left is a dark sidebar with navigation options: Dashboard, Source Servers, Destination Servers, Cpanel Migration, Status Report, and Logger. The main content area is titled 'Dashboard' and features two prominent cards: 'SOURCE SERVERS' with a blue background and '1' server, and 'DESTINATION SERVERS' with a green background and '1' server. A hamburger menu icon is visible in the top right of the main area.

1.3. Source Server

- Additional “source servers” can be added from below screen.

New Source Server

Host : *

Port : *

User : *

Sshkey Name : *

Sshkey Passphrase : *

submit



1.4. Source Server List

- List of "Source servers" can be viewed with pagination.
- "Source server" can be modified as well as removed.
- "Source server" can be searched and sorted.

Source Server [Add New](#) Home > Source Server > List

List of all Source servers

Show entries Search:

Sr	Host	Port	User	Sshkey Name	Sshkey Passphrase	Created At	Action
1	113.20.12.17	22	root	mig[REDACTED]	pR[REDACTED](a	14 / 06 / 2017	 

Showing 1 to 1 of 1 entries Previous **1** Next

1.5. Destination Server

- Additional “destination servers” can be added from below screen.

New Destination Server

Host : *

User : *

Hash Key : *

No file selected.

Either upload a file or copy paste key below text area

1.6. Destination Server List

- List of “destination servers” can be viewed with pagination.
- “Destination server” can be modified and removed.
- “Destination server” can be searched and sorted.

Destination Server [Add New](#) Home > Destination Server > List

List of all Destination servers

Show entries Search:

Sr	Host	User	Hashkey	Created At	Action
1	cp:2087	root	a105183c91598e0b4412768d2fa78acc 42504826f342d80f1d4a40e8d44e5d0d 1d0f53e28f0b3b53e90fab029964f75f 0ac0b06b077b07d13b69b6957d255de8 5283922d7841330bf94e7b55e1fb7859 28858d297482c53e74c17476fd311569 6d61db9769f91ea7a4d9f51b784e21dd cef28837df9bccfa7494a7ae37223cfb b3579252c9beaa00d4528c79d204bbc7 03cb661b298c9061008402a29739c21e 90df45249cb90b22fd62bc99fb5bd11e baae0d5bf217e65baab7c40876effafd	12 / 06 / 2017	 

Showing 1 to 1 of 1 entries Previous **1** Next

1.7. Full Migration

- Single / bulk domains from selected “source server” can be migrated to “destination server”.
- Full migration API are also developed to integrate in to third party system.
- Corresponding website, database and email accounts associated with the domain can be migrated to destination server.

Cpanel Migration Home > Cpanel Migration

Cpanel Migration

Source Server : *

113.20.12.17

Migration Type : *

Full

Partial

Destination Server : *

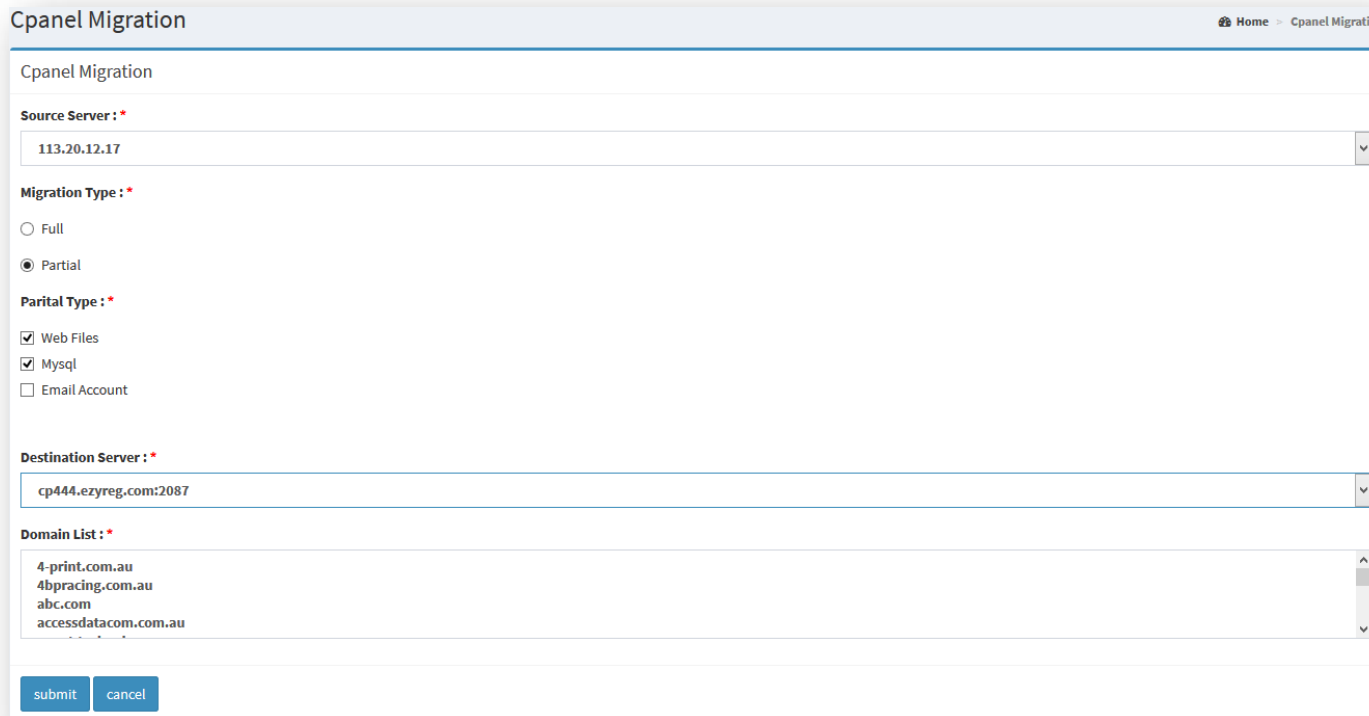
cp444.ezyreg.com:2087

Domain List : *

- 4-print.com.au
- 4bpracing.com.au
- abc.com
- accessdatacom.com.au

1.8. Partial Migration

- During partial migration either website, database, Email account or All from selected “source server” can be migrated to “destination server”.
- Corresponding website, database and email accounts associated with the domain can be migrated to “destination server”.
- Email accounts are properly created, zones are transferred and converted, as well as databases user and account information is configured programmatically to run the website and make it live.



The screenshot shows the Cpanel Migration interface. At the top, it says "Cpanel Migration" with a breadcrumb "Home > Cpanel Migration". The main form has the following fields and options:

- Source Server :** A dropdown menu with the value "113.20.12.17".
- Migration Type :** Radio buttons for "Full" and "Partial". "Partial" is selected.
- Partial Type :** Checkboxes for "Web Files", "Mysql", and "Email Account". "Web Files" and "Mysql" are checked.
- Destination Server :** A dropdown menu with the value "cp444.ezyreg.com:2087".
- Domain List :** A list box containing "4-print.com.au", "4bpracing.com.au", "abc.com", and "accessdatacom.com.au".

At the bottom of the form are "submit" and "cancel" buttons.

1.9. Status Report

- Status report after migration can be seen in below screen.
- Domain can be searched to view the status after migration.
- Number of domains from selected destination server can be seen to know the status.
- Status report API are also developed to integrate in to third party system.

Status report Home > Status reports

Domain migration reports

Destination server:

Show entries Search:

Sr	Source	Destination	Domain	Migration type	Data type	Status	Created At
1	113.20.12.17	cp444.ezyreg.com:2087	dev-test-domain4.com	full	full	COMPLETED	27 / 06 / 2017
2	113.20.12.17	cp444.ezyreg.com:2087	4-print.com.au	full	full	RUNNING	03 / 07 / 2017

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1.10. Activity Log

- Logger is integrated after each step when migration is initiated till end of migration.
- Domain name can be searched to view activity logs.
- Destination server can be selected to view its domain migration activity log.
- JSON response is also captured and viewed on single click.
- Activity log can be sorted by each column.
- Activity log API are also developed to integrate in to third party system.

Activity Logs Home - Status logs

Migration activity logs

Destination server:

Show entries Search:

Sr	Source	Destination	Domain	API	Response	Status	Created At
1	113.20.12.17	cp444.ezyreg.com:2087	dev-test-domain4.com	Migration initiated	View JSON response	COMPLETED	20 / 06 / 2017 - 12:04 PM
2	113.20.12.17	cp444.ezyreg.com:2087	dev-test-domain4.com	enqueue_transfer_item api	View JSON response	COMPLETED	20 / 06 / 2017 - 12:04 PM
3	113.20.12.17	cp444.ezyreg.com:2087	dev-test-domain4.com	start_transfer_session api	View JSON response	COMPLETED	20 / 06 / 2017 - 12:04 PM
4	113.20.12.17	cp444.ezyreg.com:2087	dev-test-domain4.com	Migration check trasfer session: get_transfer_session_state api	View JSON response	COMPLETED	20 / 06 / 2017 - 12:04 PM
5	113.20.12.17	cp444.ezyreg.com:2087	dev-test-domain4.com	get_transfer_session_state api	View JSON response	COMPLETED	20 / 06 / 2017 - 12:06 PM
6	113.20.12.17	cp444.ezyreg.com:2087	dev-test-domain4.com	Migration COMPLETED	View JSON response	COMPLETED	20 / 06 / 2017 - 12:06 PM
11	113.20.12.17	cp444.ezyreg.com:2087	dev-test-domain4.com	Migration initiated	View JSON response	COMPLETED	21 / 06 / 2017 - 05:07 AM
12	113.20.12.17	cp444.ezyreg.com:2087	dev-test-domain4.com	enqueue_transfer_item api	View JSON response	COMPLETED	21 / 06 / 2017 - 05:07 AM
13	113.20.12.17	cp444.ezyreg.com:2087	dev-test-domain4.com	start_transfer_session api	View JSON response	COMPLETED	21 / 06 / 2017 - 05:07 AM
14	113.20.12.17	cp444.ezyreg.com:2087	dev-test-domain4.com	Migration check trasfer session: get_transfer_session_state api	View JSON response	COMPLETED	21 / 06 / 2017 - 05:07 AM

Showing 1 to 10 of 171 entries (filtered from 202 total entries)

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