

// MULTI-CLOUD IN REALITY: CLOUD-SWITCHING AUTOMATED AS OPEN SOURCE SOLUTION

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But Why?

Tool Stacks



PM+Docs

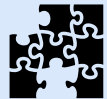
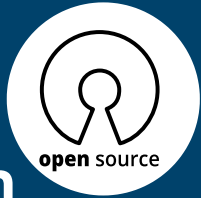


Software Dev



DevOps

...



Integrations



AI Assistant



Low Ops

Infra



Cloud Providers



On Prem



K8s



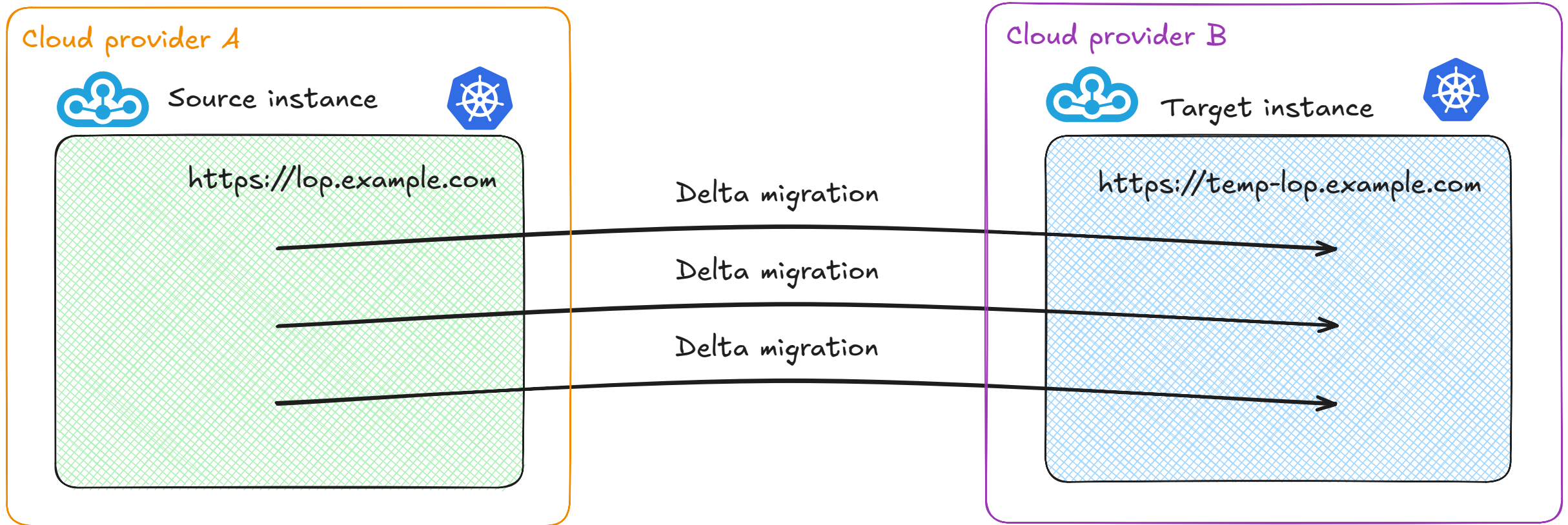
SCS

Automatic Cloud Switching

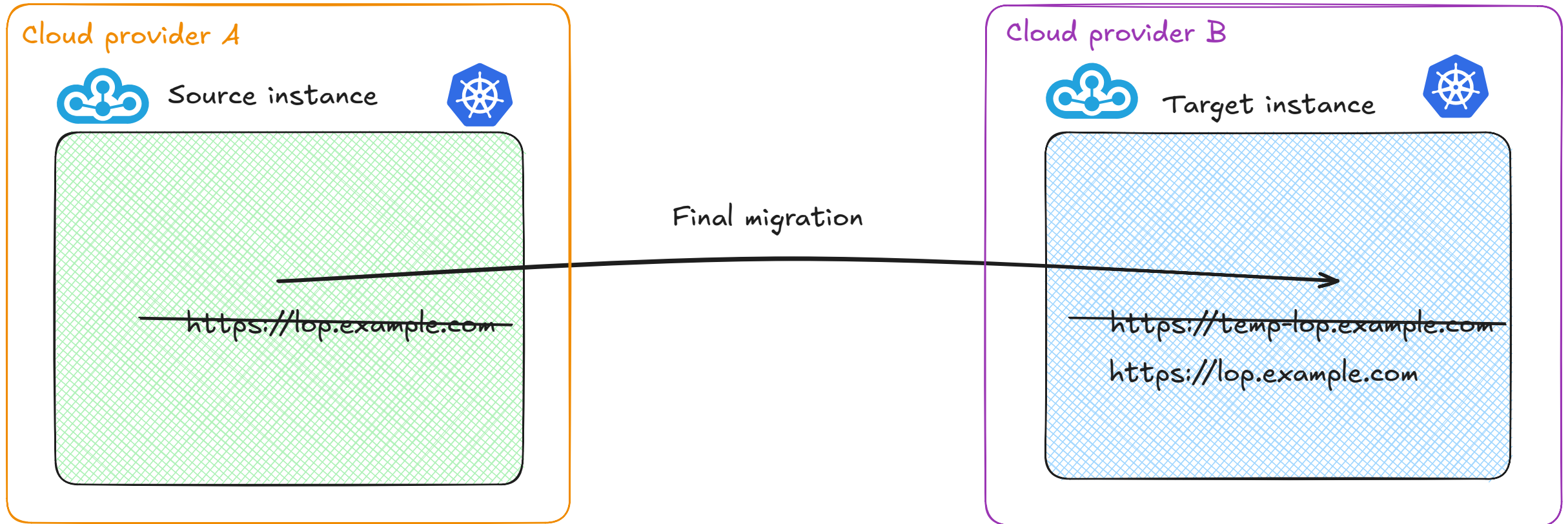
Automatic Cloud Switching



Delta migration



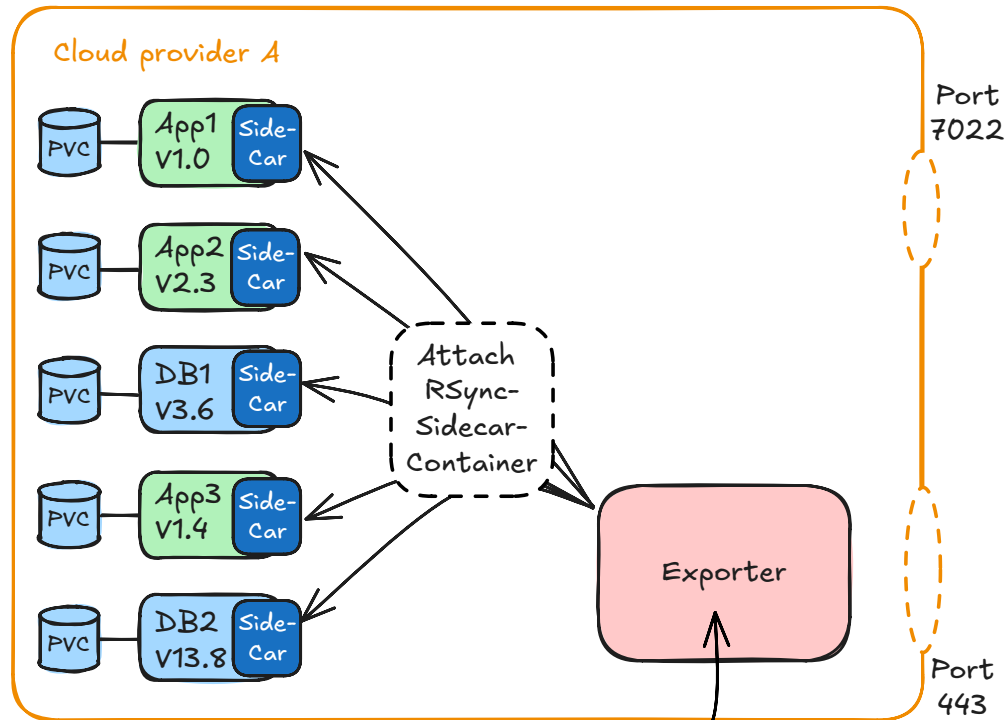
Final migration

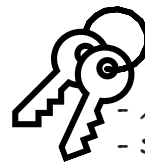


Preparing the migration



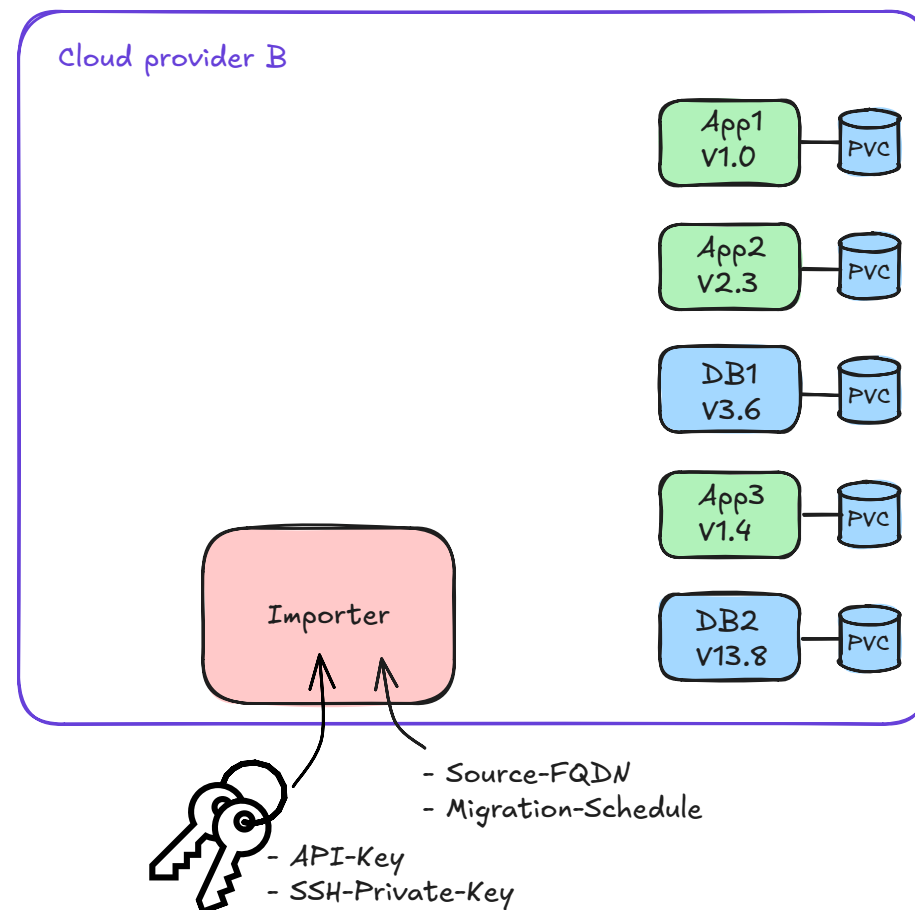
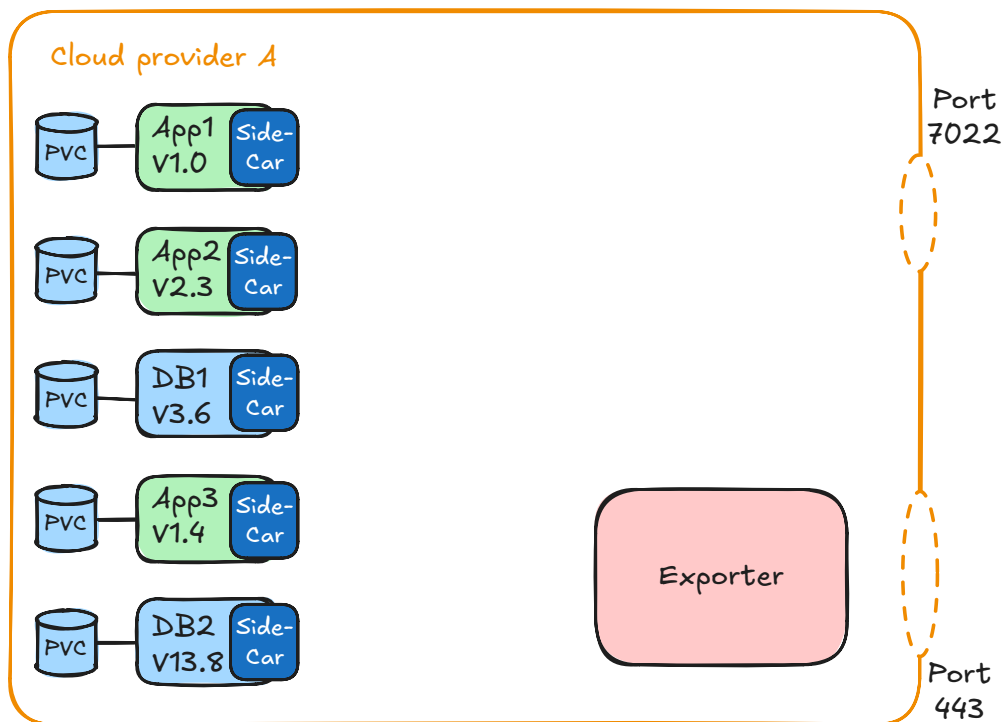
Prepare source instance



 - API-Key
- SSH-Public-Key



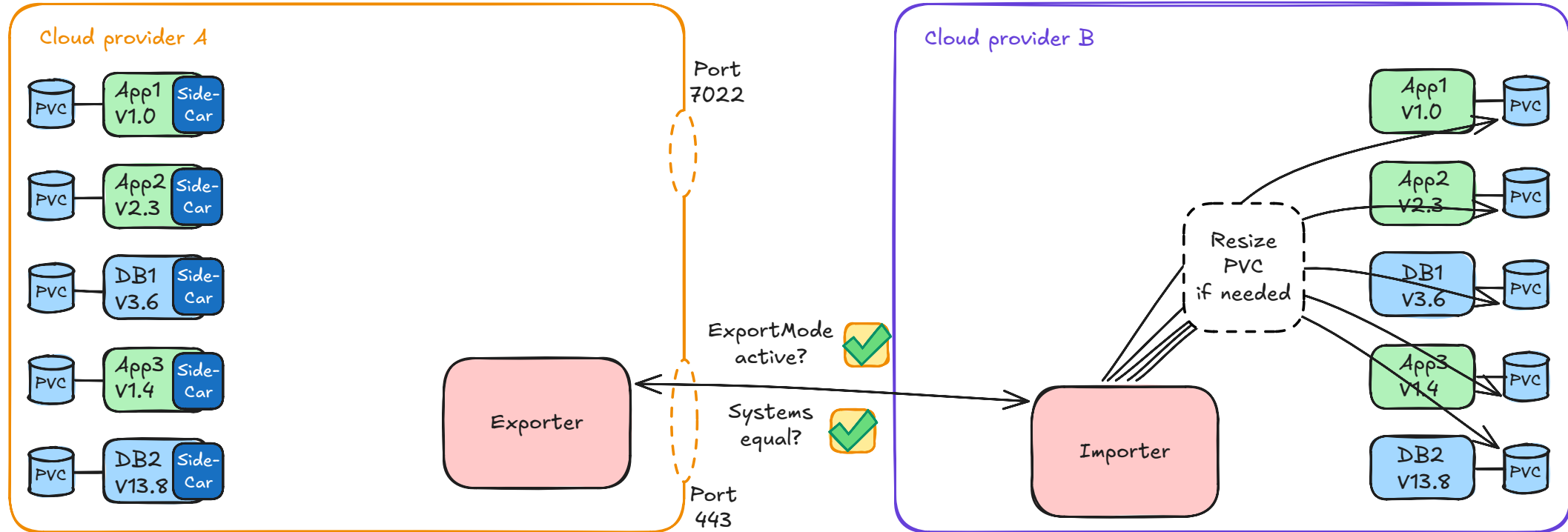
Prepare target instance



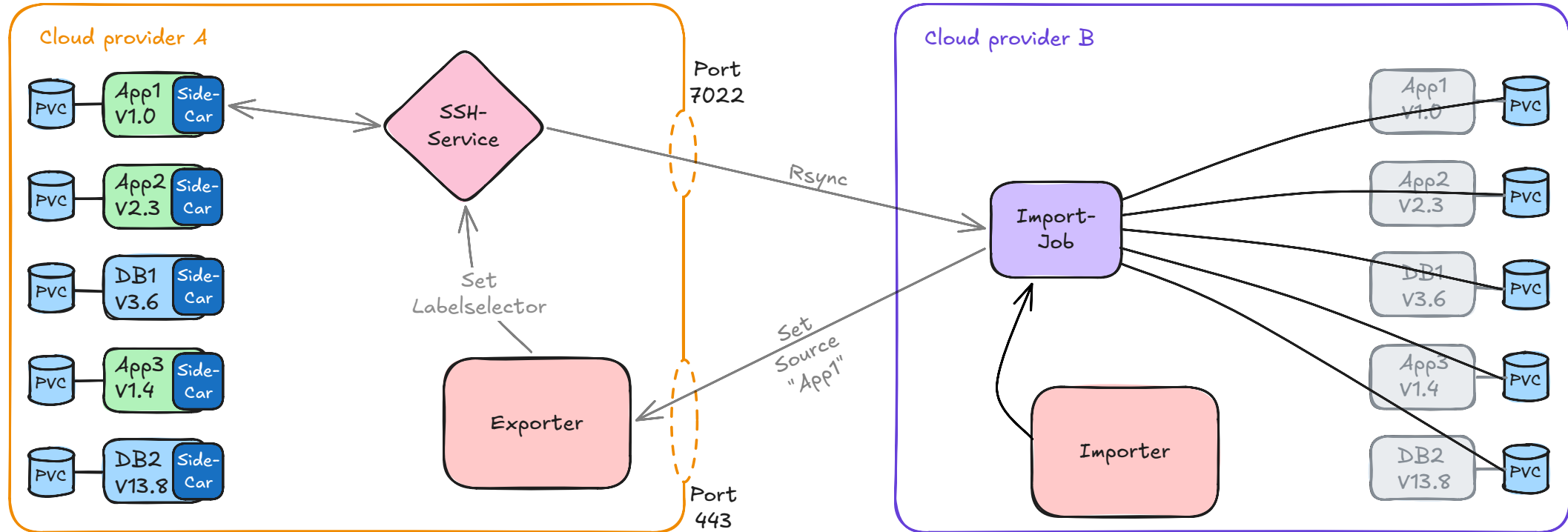
Executing the migration



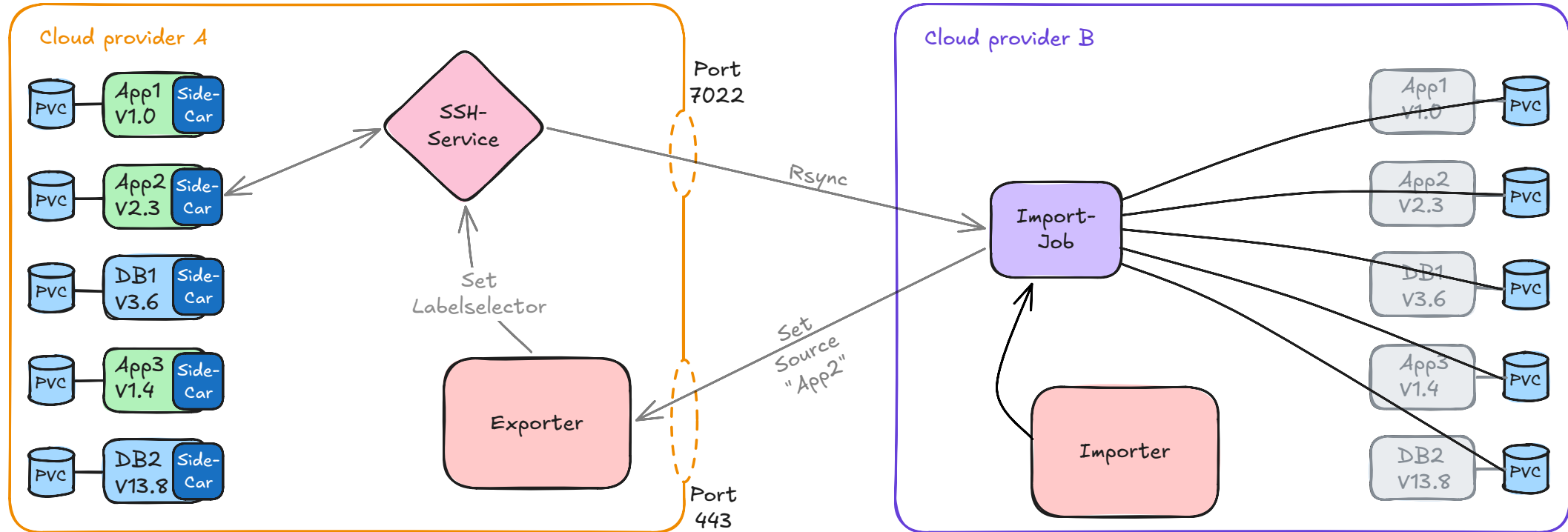
Verify preconditions



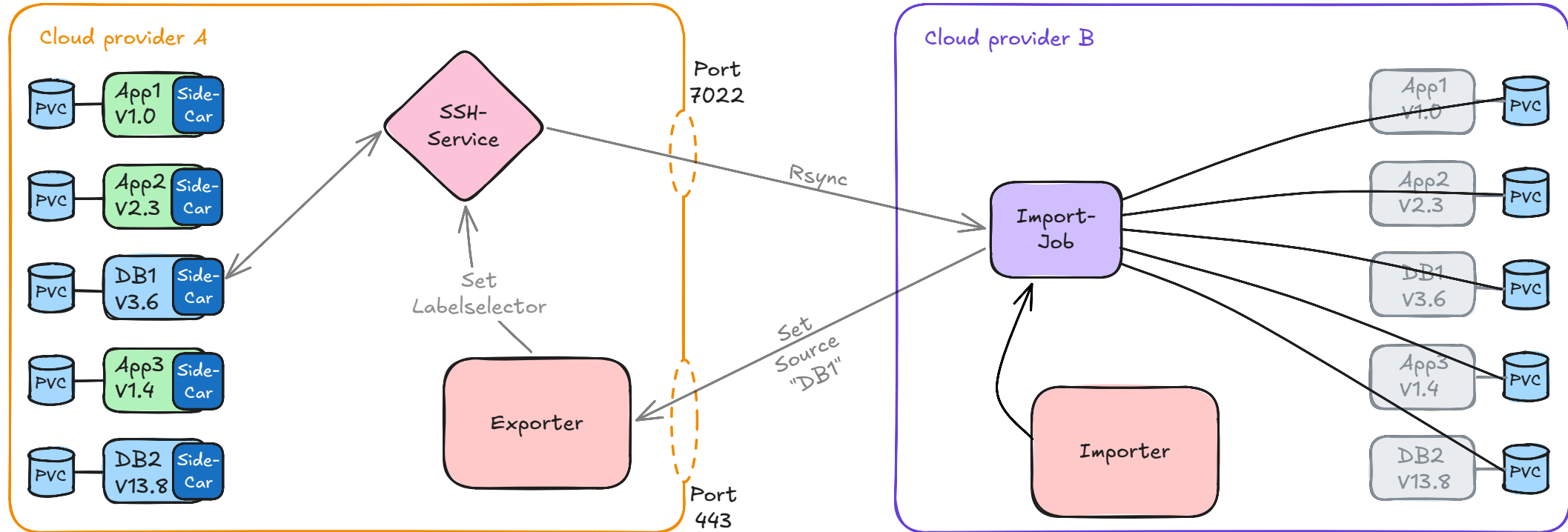
Migrate volume data



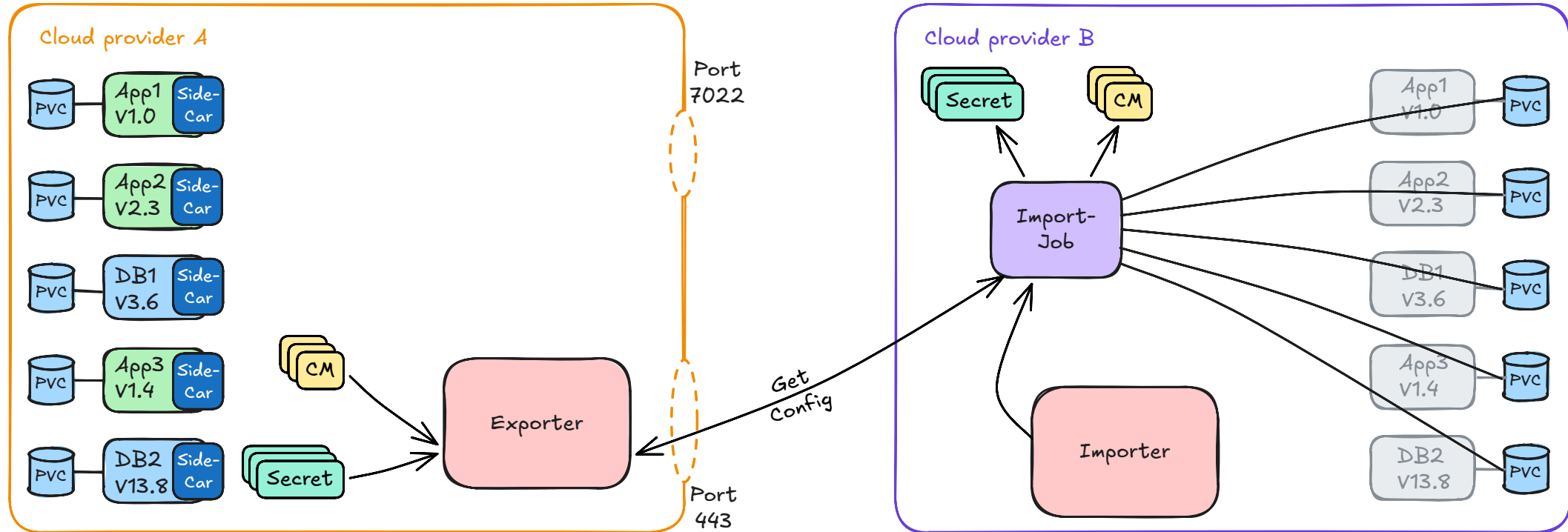
Migrate volume data



Migrate volume data



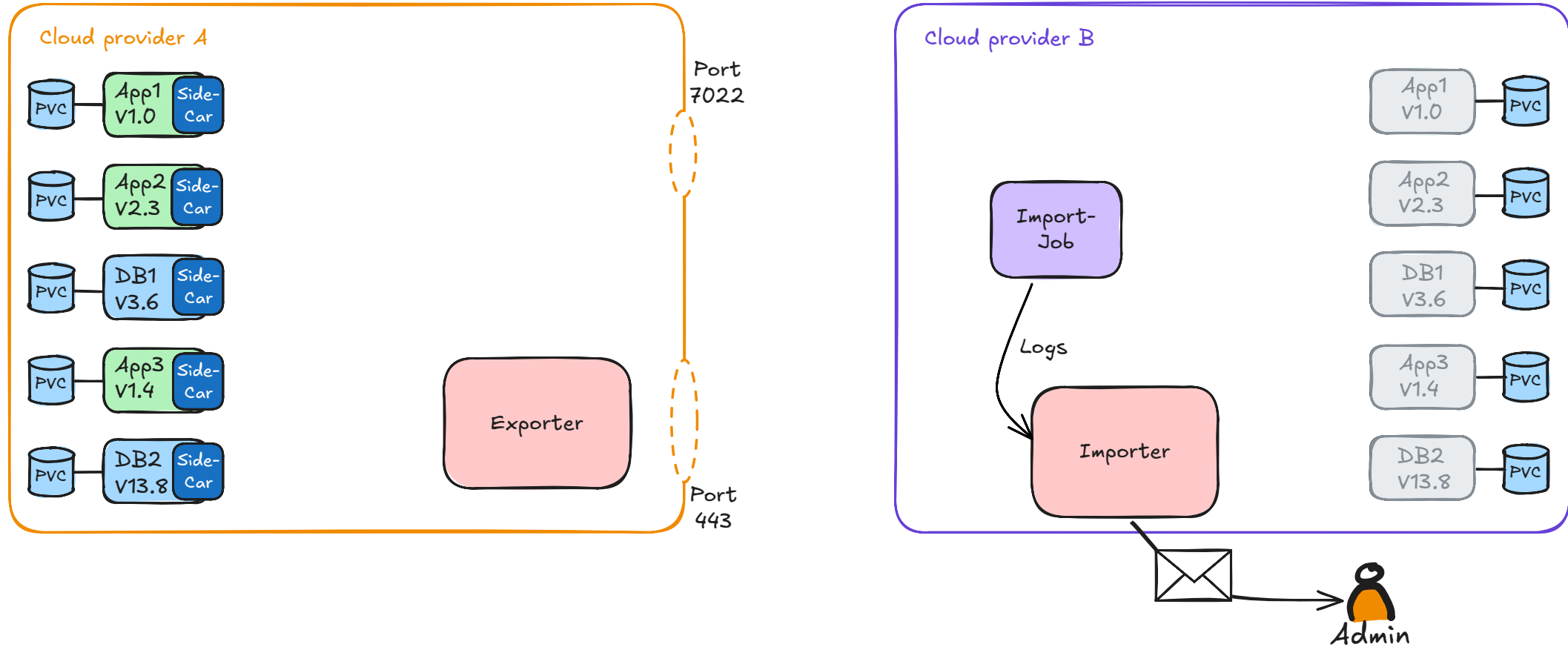
Migrate configuration data



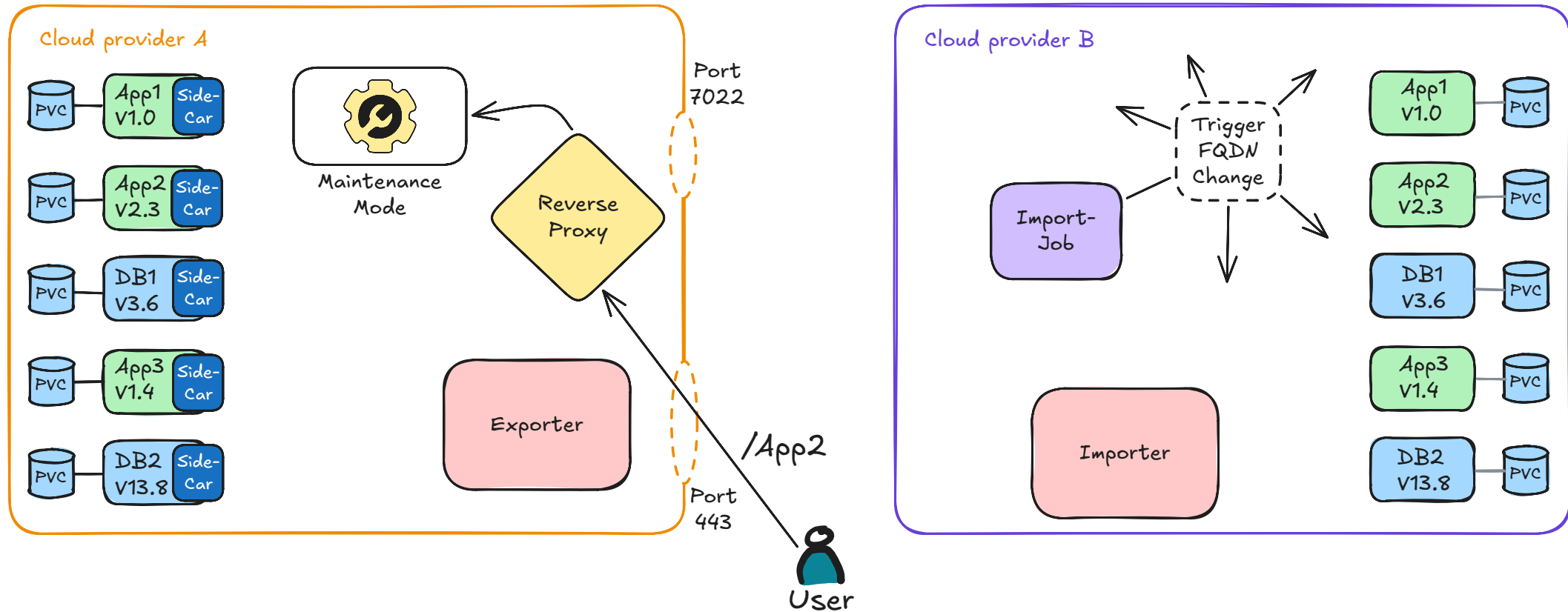
Finishing the migration



Finish migration



Additional steps on final migration



Conclusion



Migration without the usual pain

-  Repeatable migrations → safe to test
-  Delta-based transfer with rsync
-  Minimal network requirements (443 + SSH)

What we learned

-  PoCs helped de-risk key decisions
-  Separation (exporter / importer) kept it flexible
-  Manual testing became a bottleneck

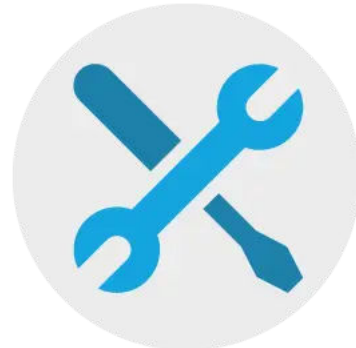
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 cludogu/ces-exporter  cludogu/ces-importer



Blog Post

Red Stack
Magazin

03/26
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Image sources

- Automatic Cloud Switching

https://www.freepik.com/free-vector/cloud-network-technology-icon-white-gradient-background_16406372.htm