

# Load balancing with HAProxy

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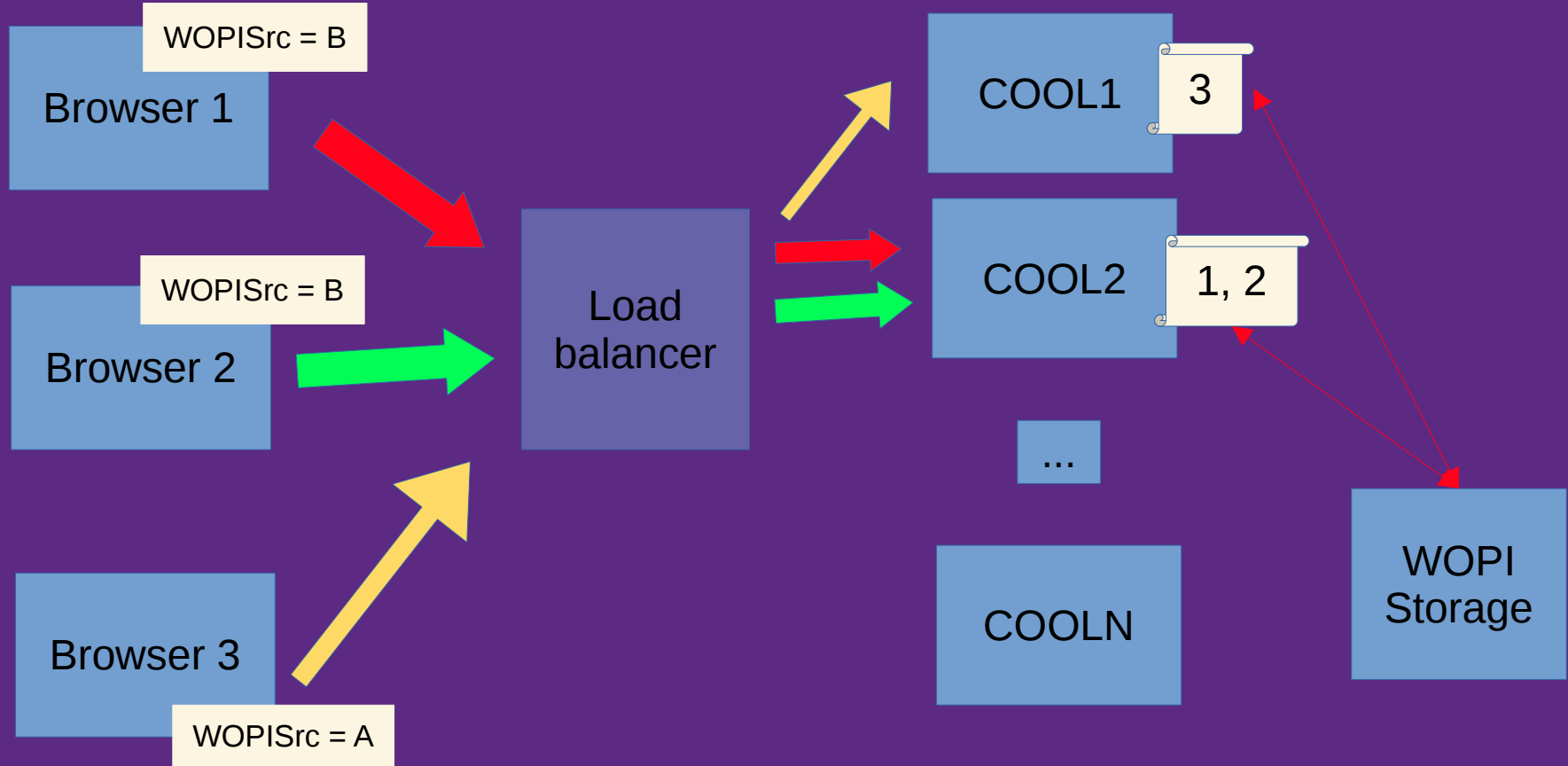
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# Agenda

- Load balancing - how it works?
- Which features depend on load balancing?
- Example problems we had
- How to setup on your own (HAProxy)

# Load balancing - how it works?



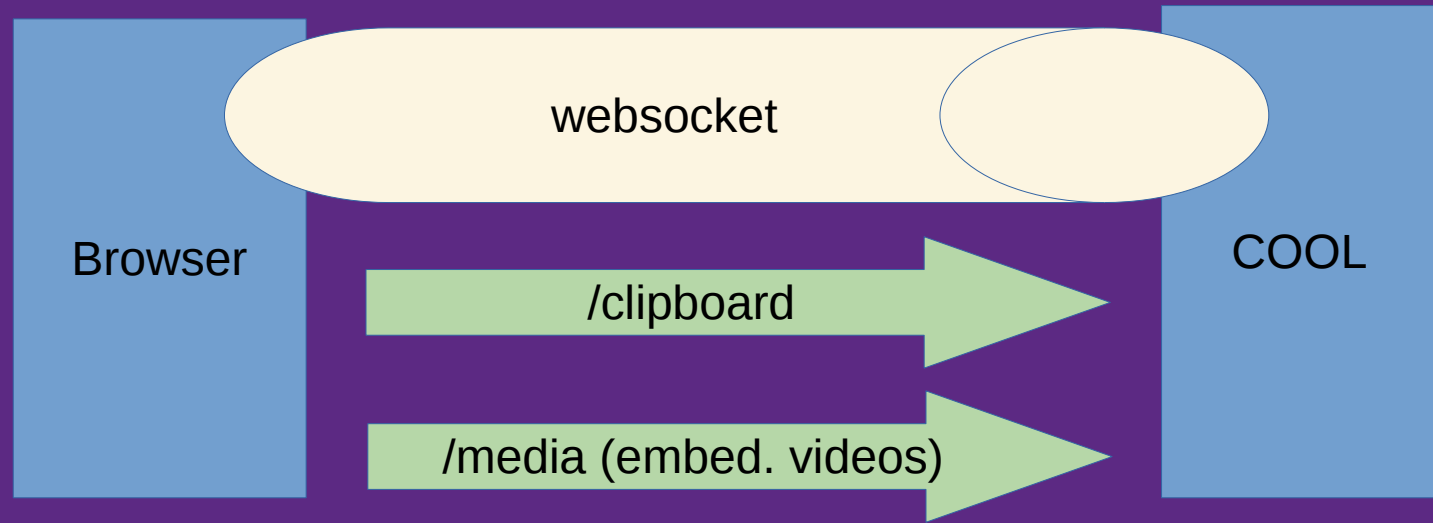
# Load balancing - how it works?

**http://haproxyexample.example.com:9980**/browser/619c3e6/  
cool.html?

**WOPISrc=http://nextcloud.example.com:8080//index.php/apps/richdocuments/wopi/files/307\_ocigiuiuxl2u**

**ws://haproxyexample.example.com:9980**/cool/  
http%3A%2F%2Fnextcloud.example.com%3A8080%2F%2Findex.p  
hp%2Fapps%2Frichdocuments%2Fwopi%2Ffiles%2F307\_ocigiuiux  
l2u%3Faccess\_token%3DnK1cKR3ldPtvIvjtaRnOhCKk9mNvLmN4%26  
access\_token\_ttl%3D0/ws?**WOPISrc=http://**  
**nextcloud.example.com:8080//index.php/apps/richdocuments/**  
**wopi/files/307\_ocigiuiuxl2u&compat=/ws**

# Which features depend on load balancing?



Also all the operation which try to open file from WOPI storage:

- Save as
- Rename
- Reconnect (after crash, lost connection)

## Example problems we had:

- integrator not using encoded WOPISrc to open file
- regression which caused that we tried to use decoded WOPISrc
- duplicated “/” in richdocuments
- WOPISrc encoded 2 times on rename

# Demo: HAProxy

# Thanks !



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