Beyond Data: Building a Web of Needs

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Tim Berners-Lee, James Hendler, Ora Lassila, 2001 (paraphrased):

Tell your agent what you need, and it will arrange everything for you.

Tim Berners-Lee, 2009 (literally):

„Raw data now!“

Tell

your agent

what you need

Tell

your search engine

what you need

Tell

your e-commerce site

what you need

Tell

your hotel search engine

what you need

Tell

your social network

what you need

Tell

your classifieds portal

what you need

Tell

the Web

what you need

…so:

1. Say what you need

… and give it a URI

2. Expect to be contacted

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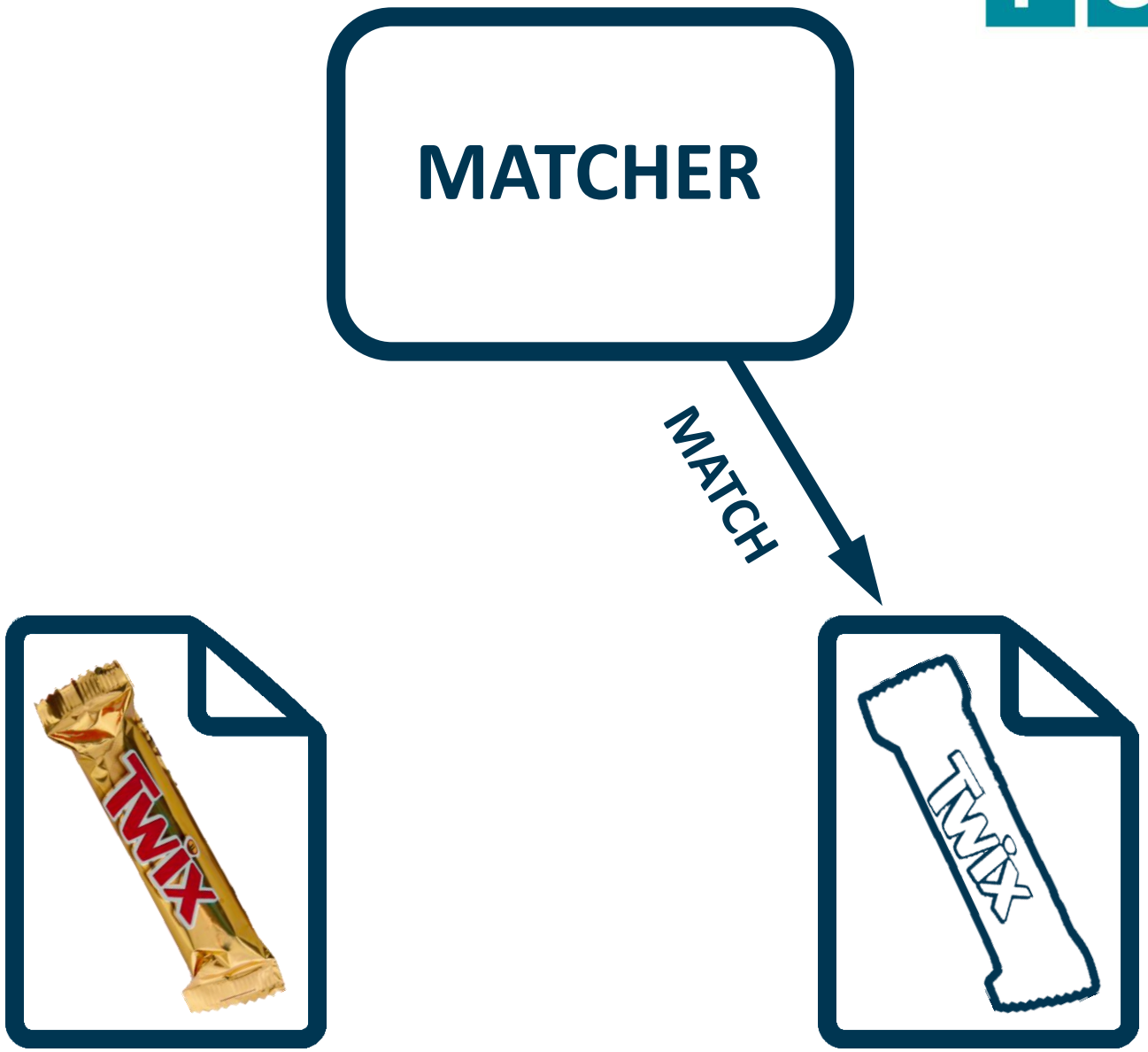
MATCHER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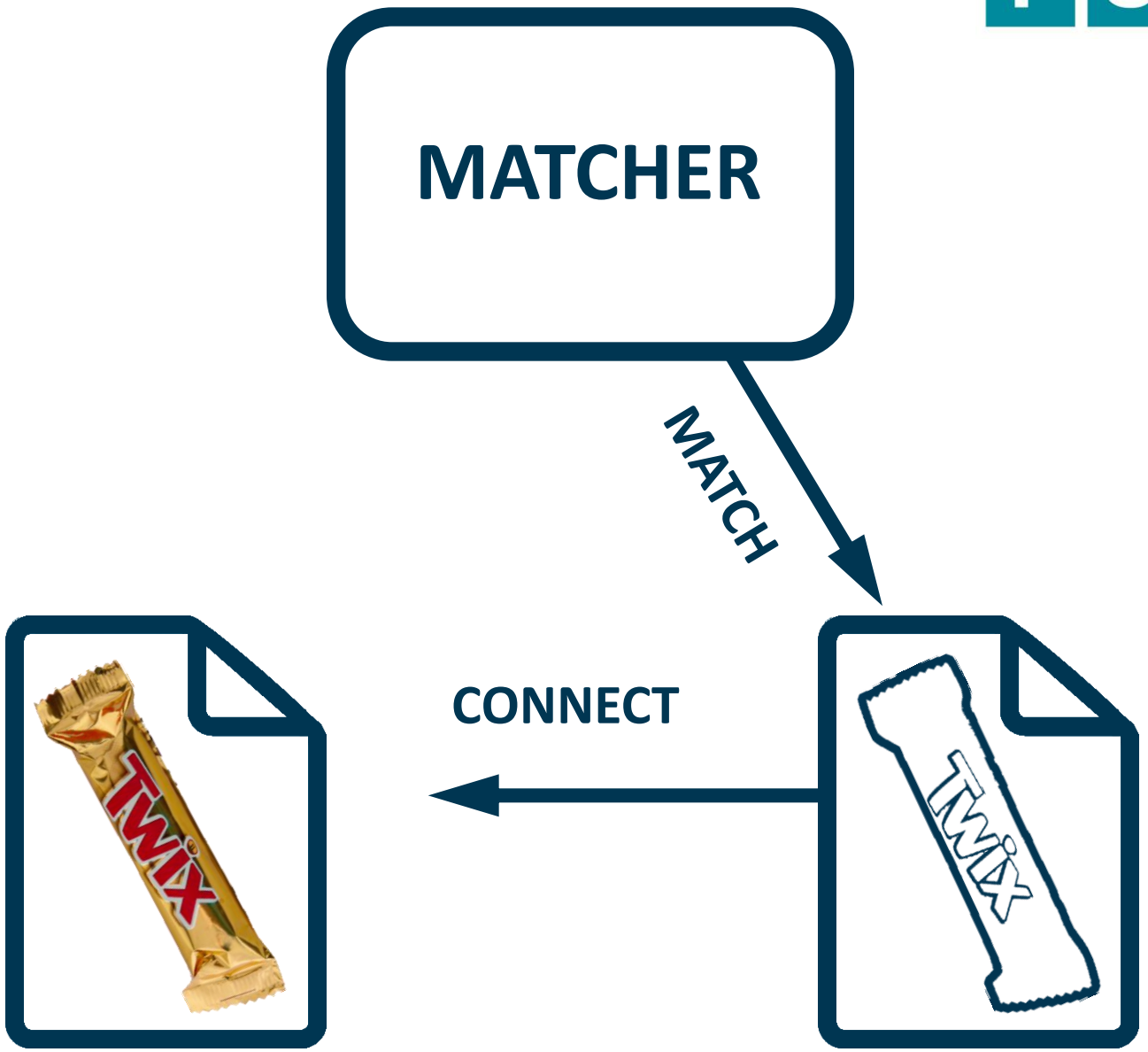
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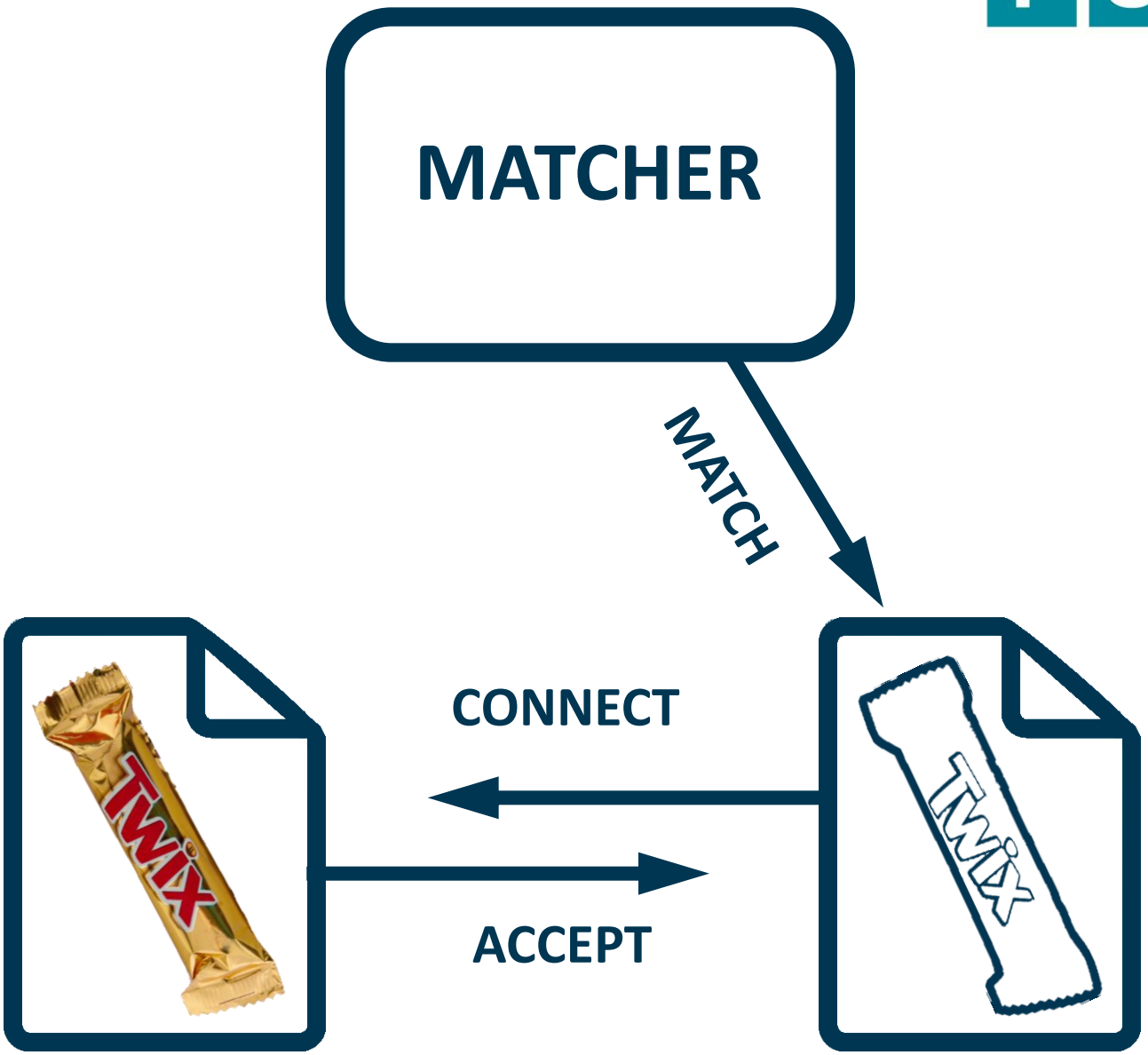
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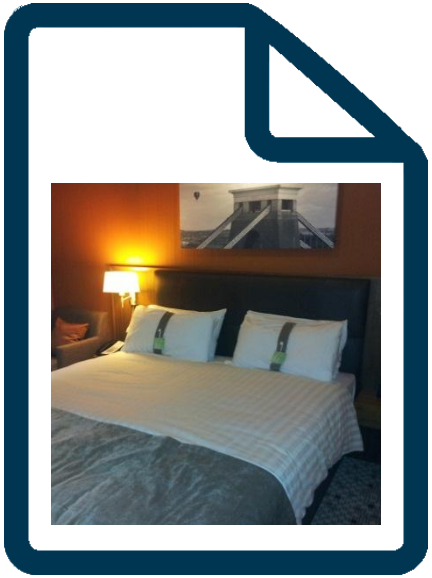

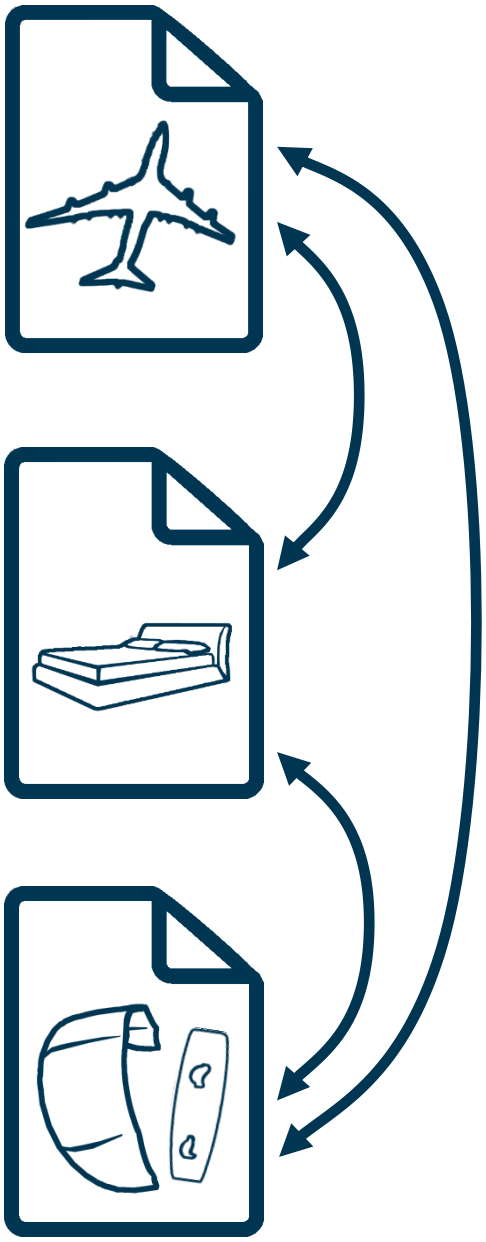

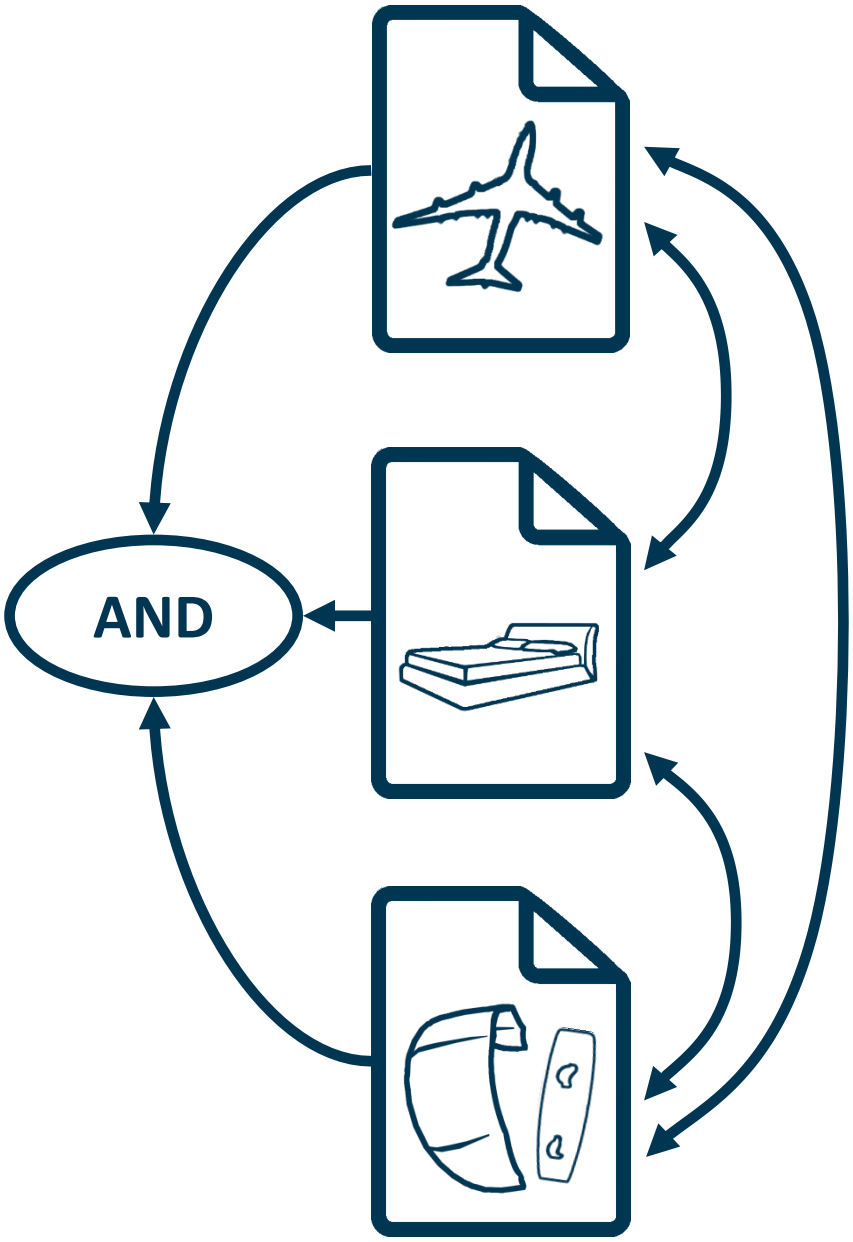
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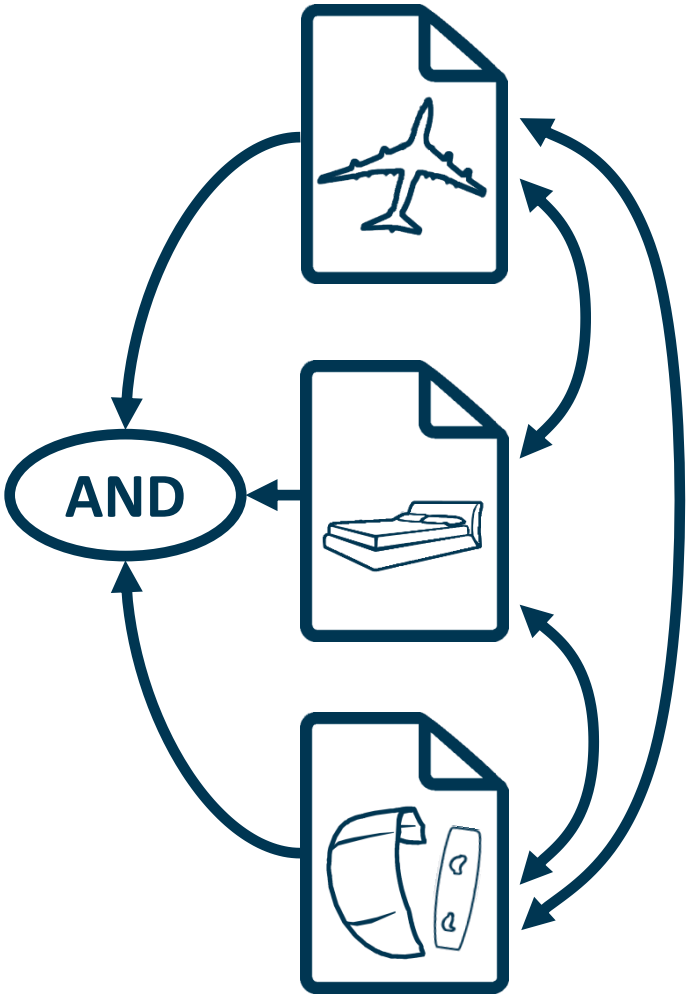
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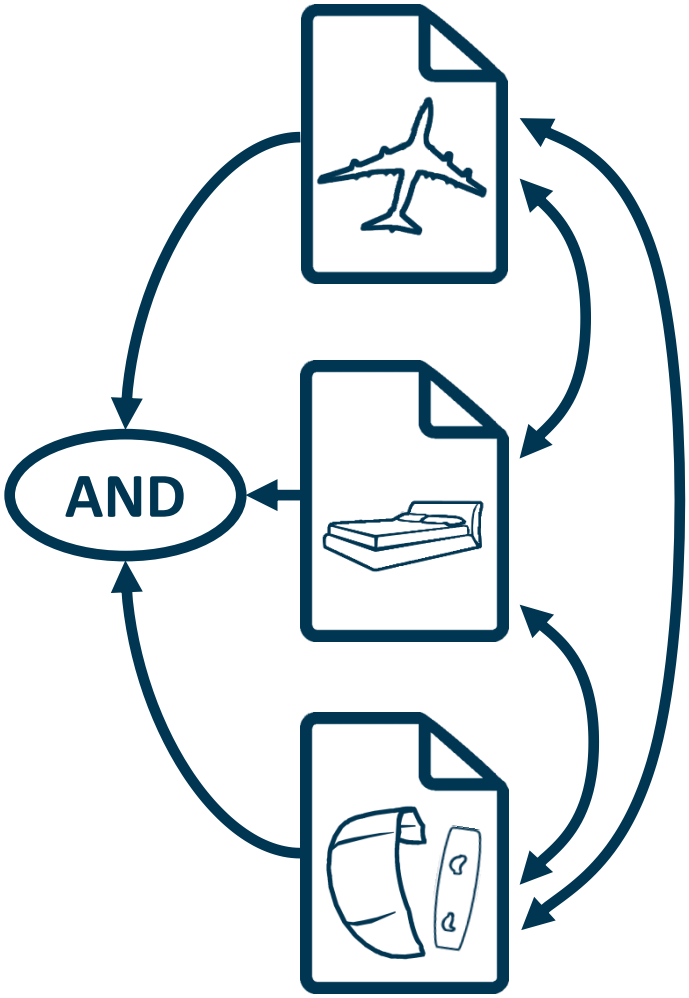

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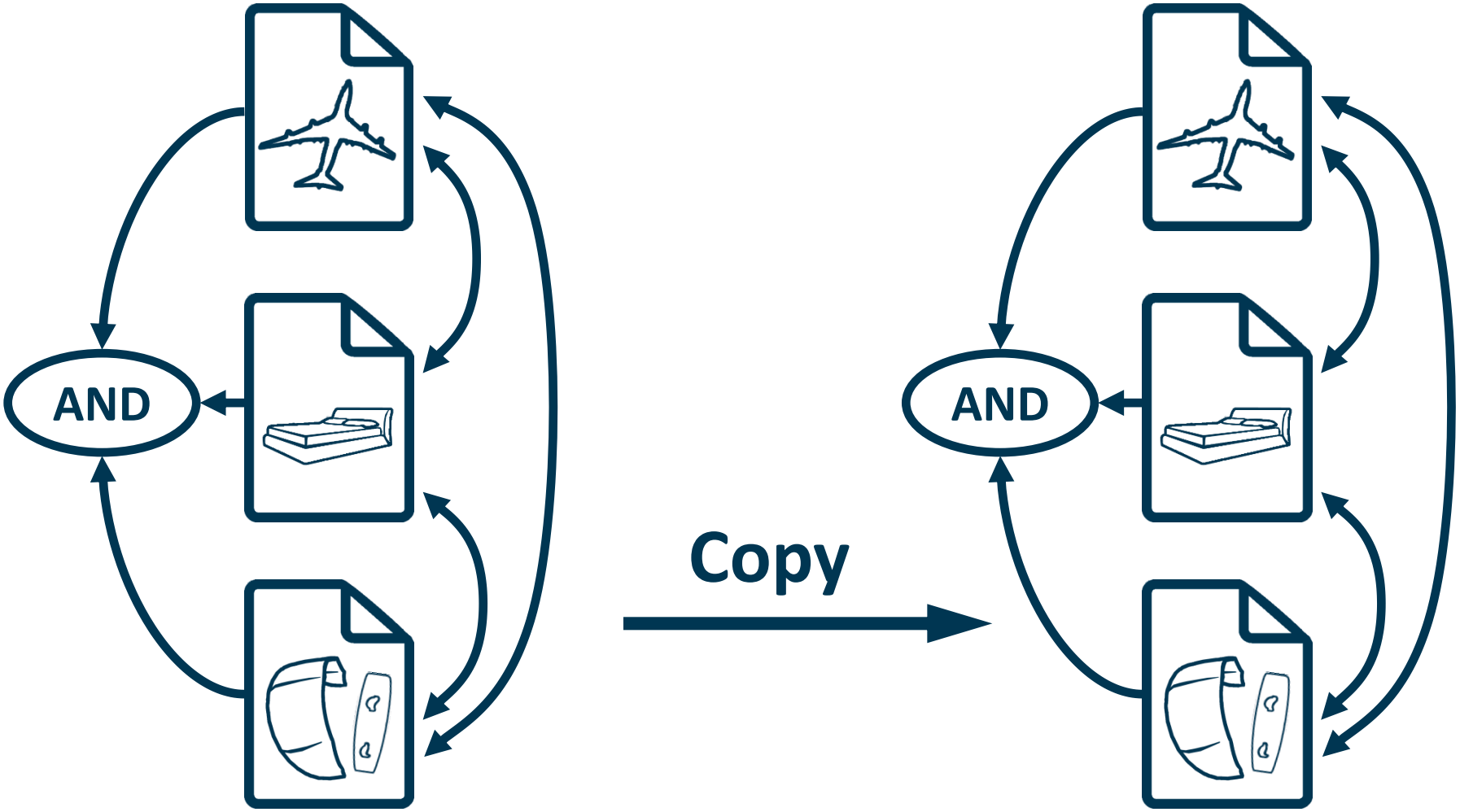
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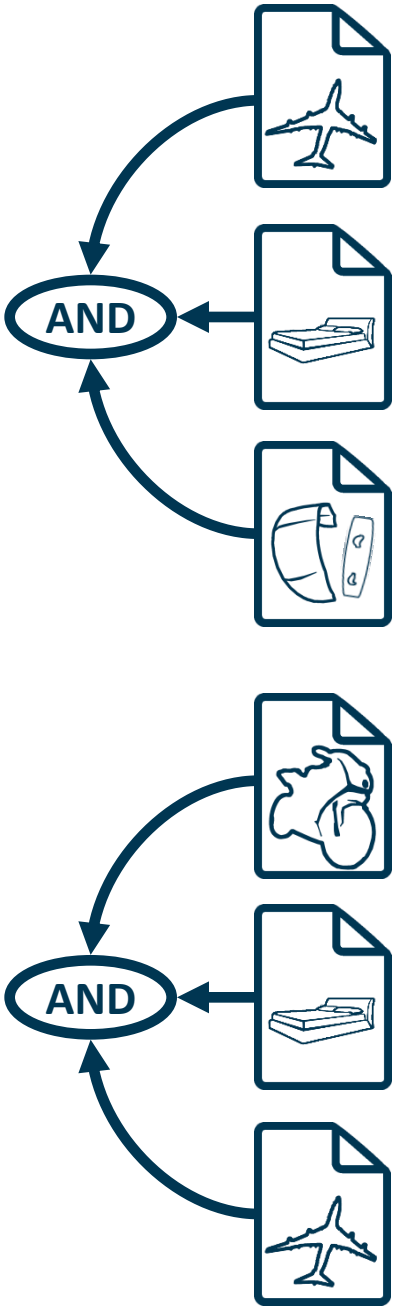
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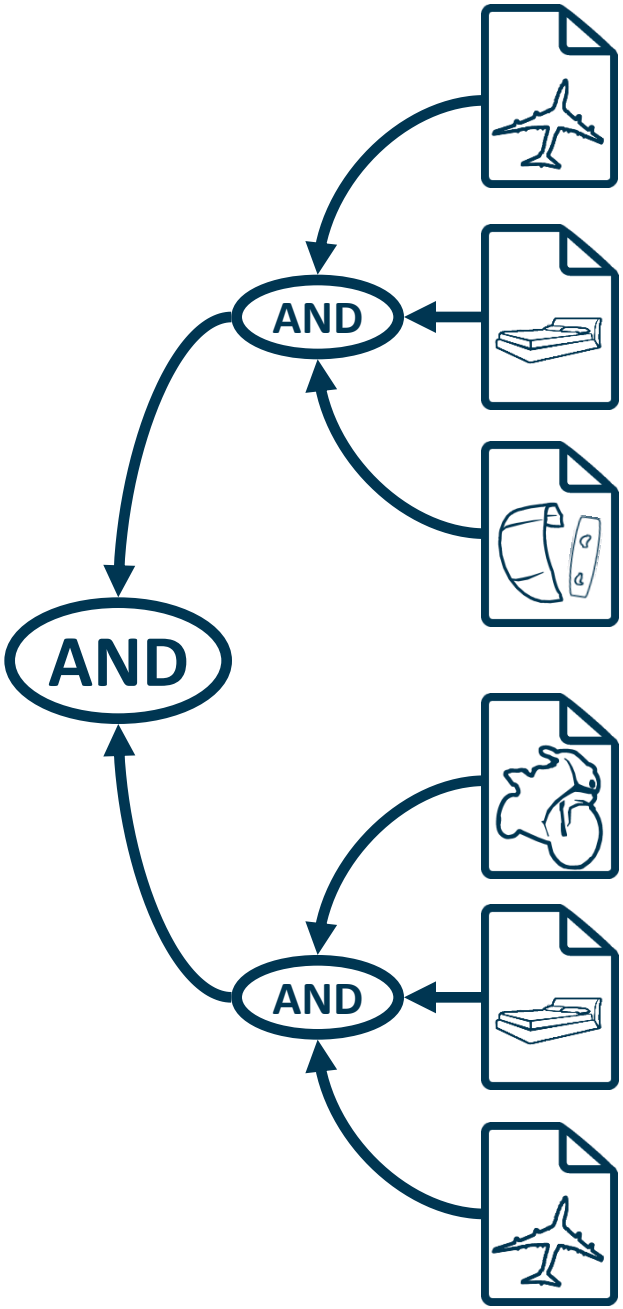
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http://www.flickr.com/photos/quiddle/3379070745

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Not only for buying and selling

http://www.flickr.com/photos/alexindigo/2571707647

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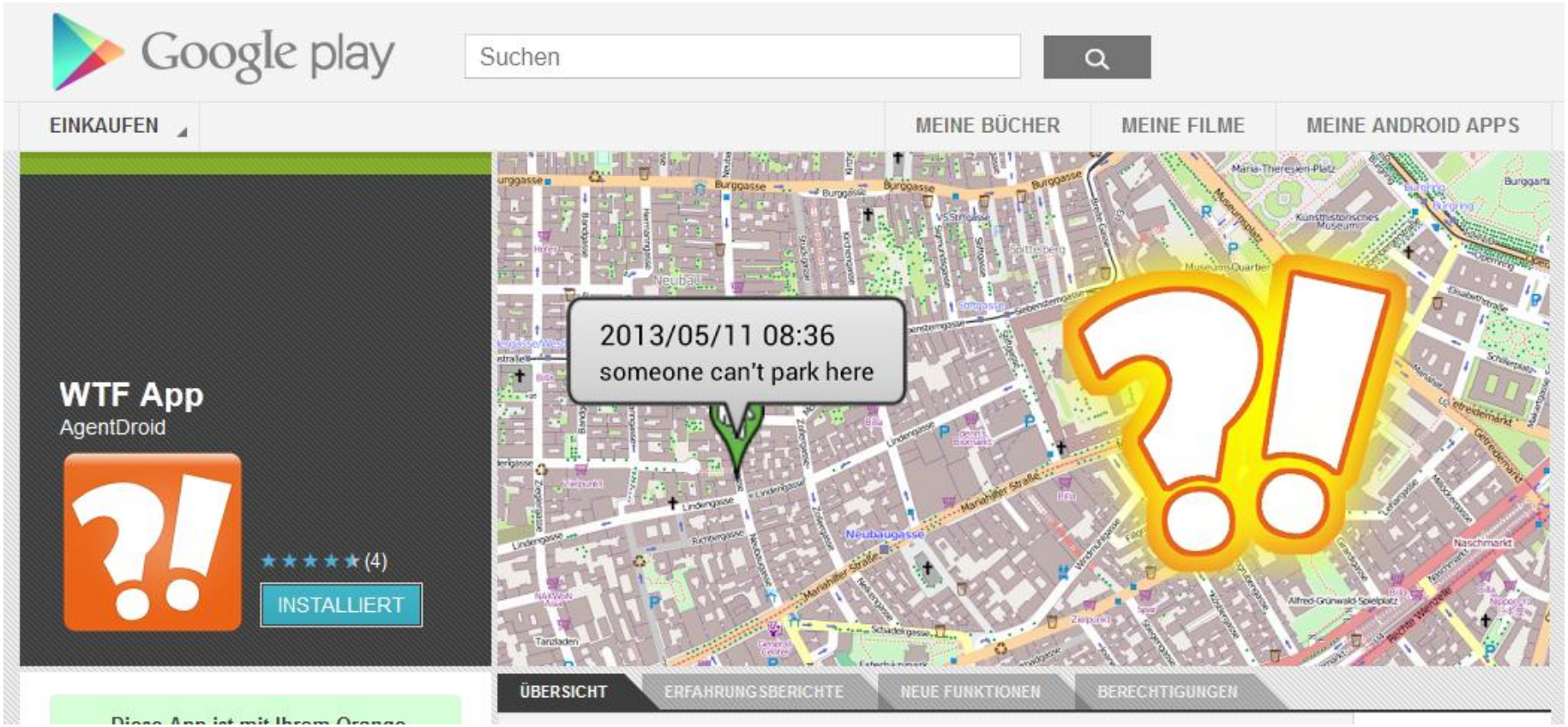
Solving
what you can‘t solve
on your own



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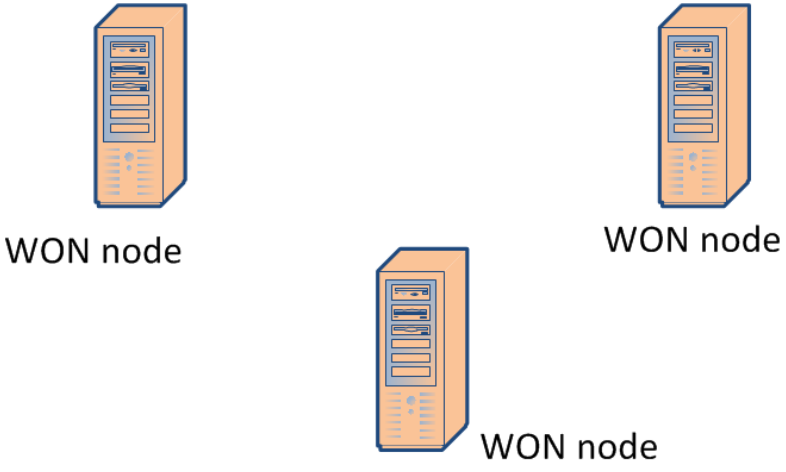
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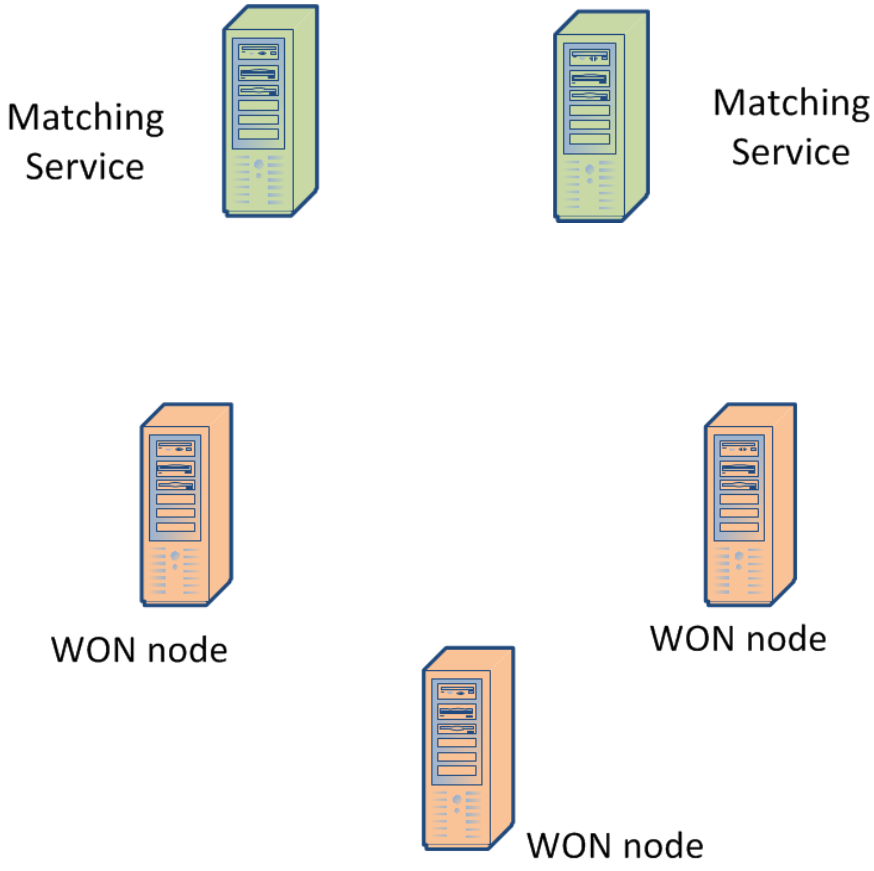
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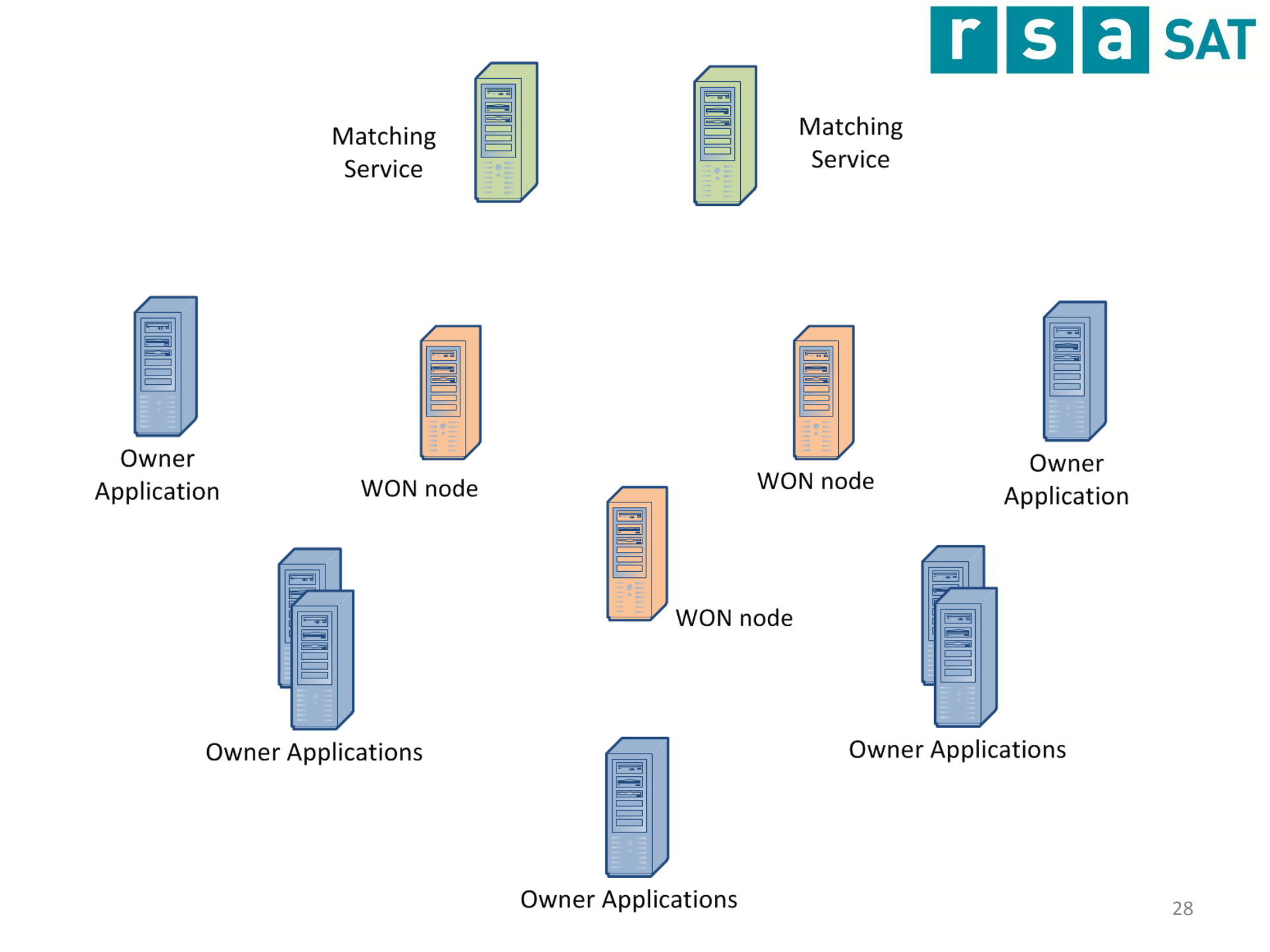
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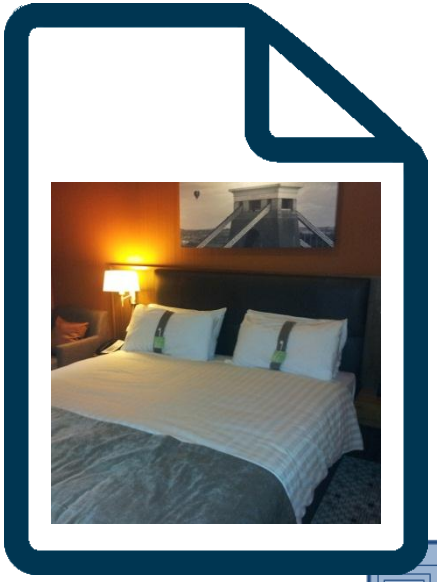

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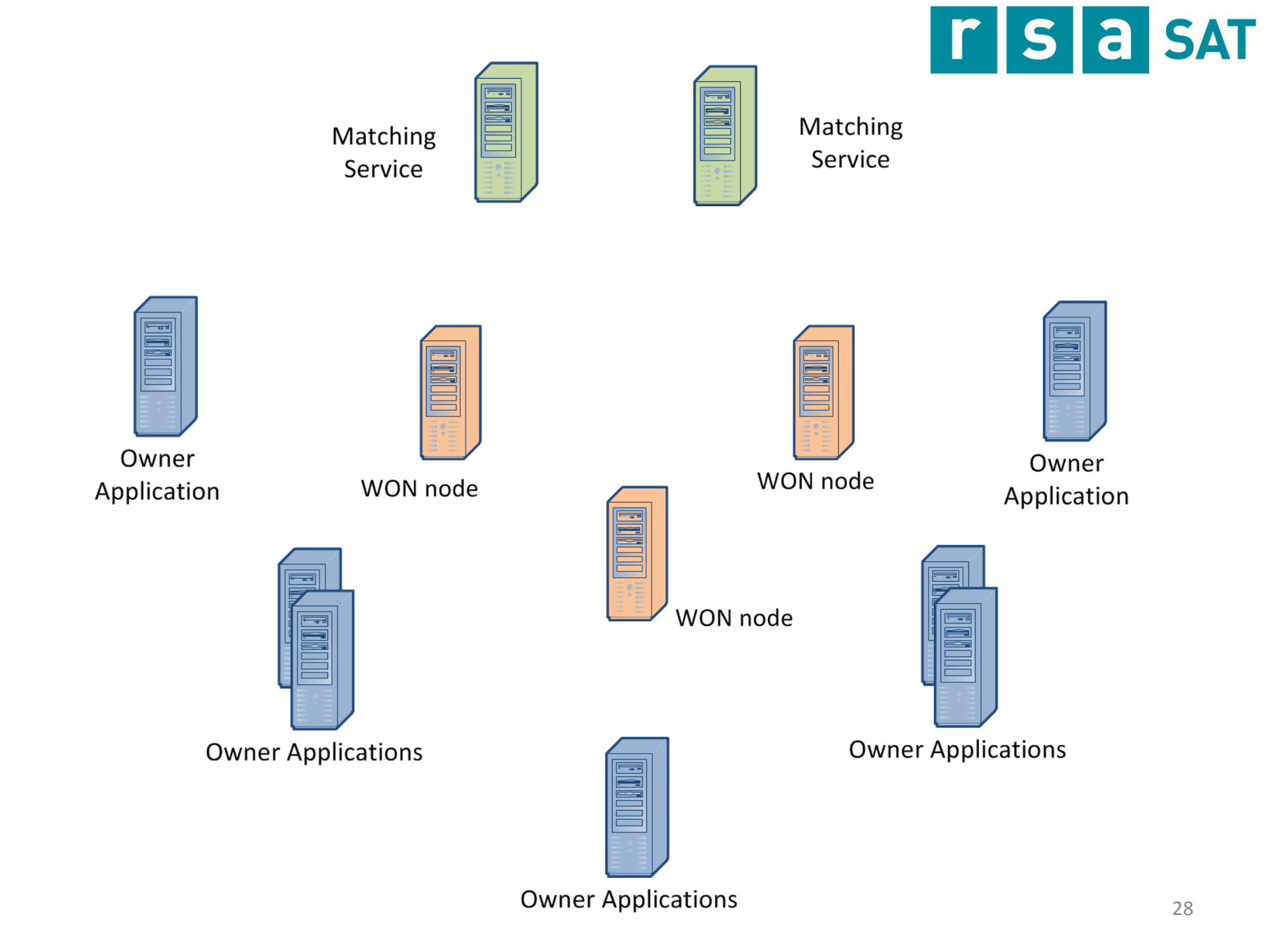
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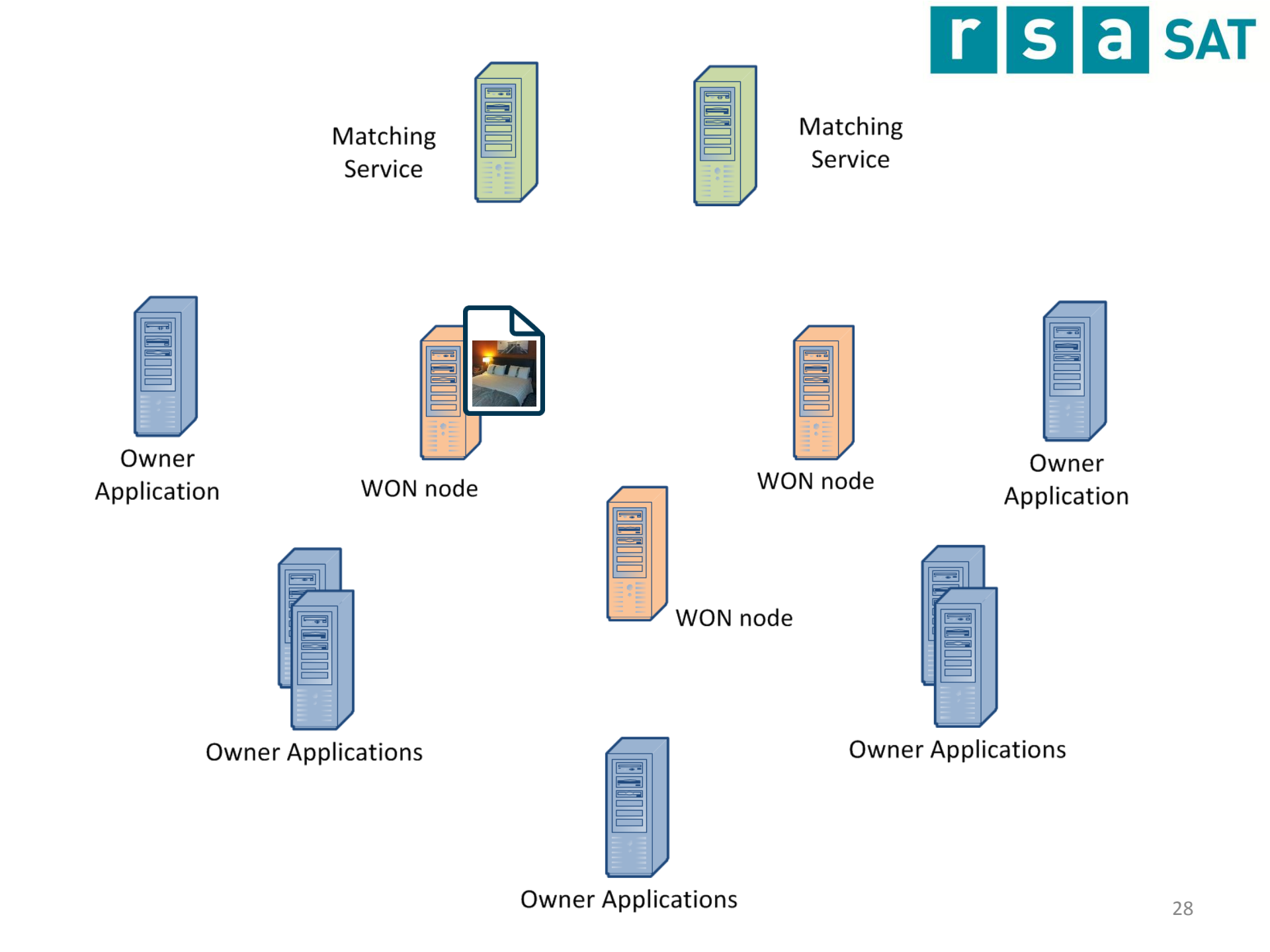
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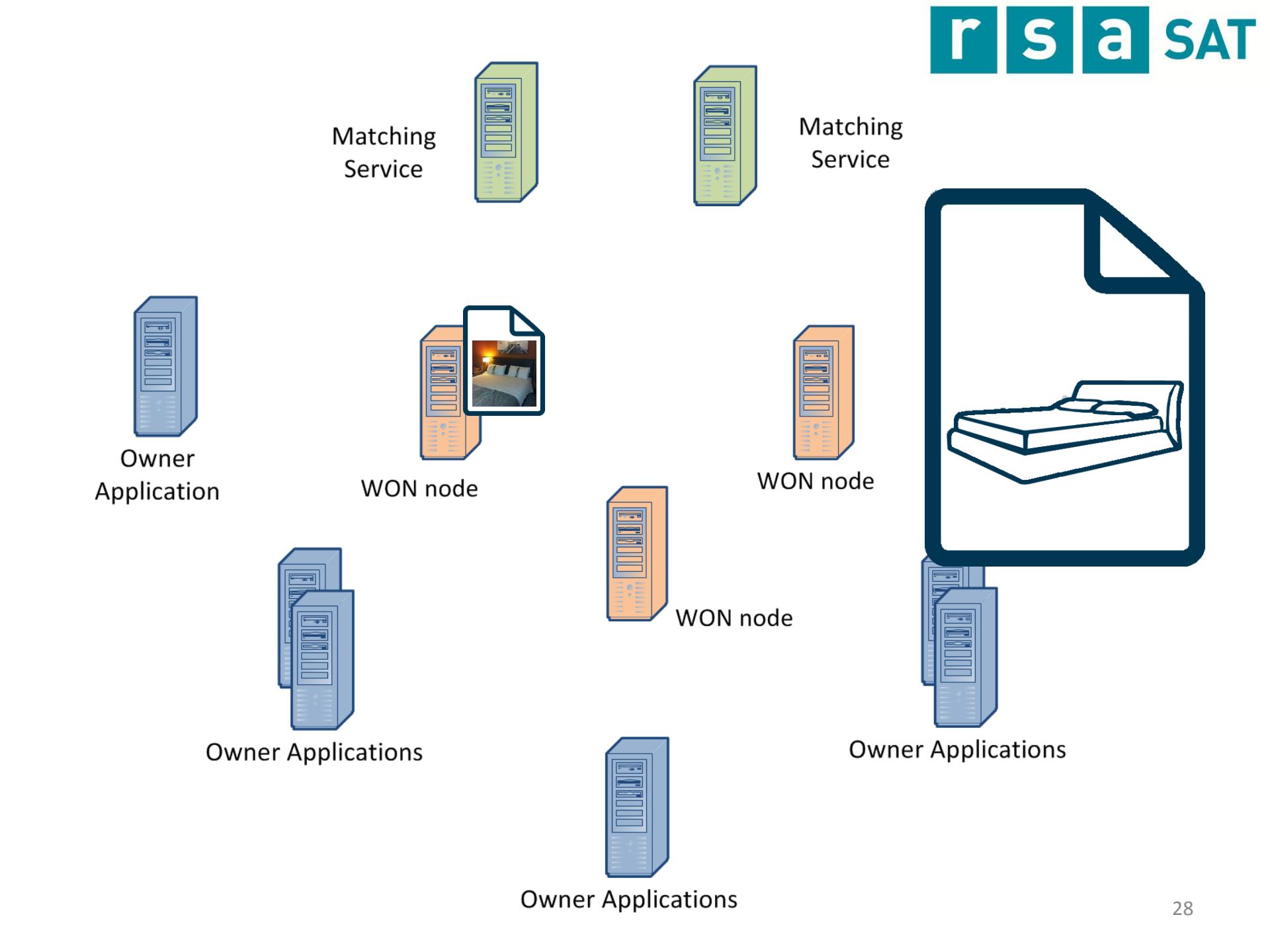
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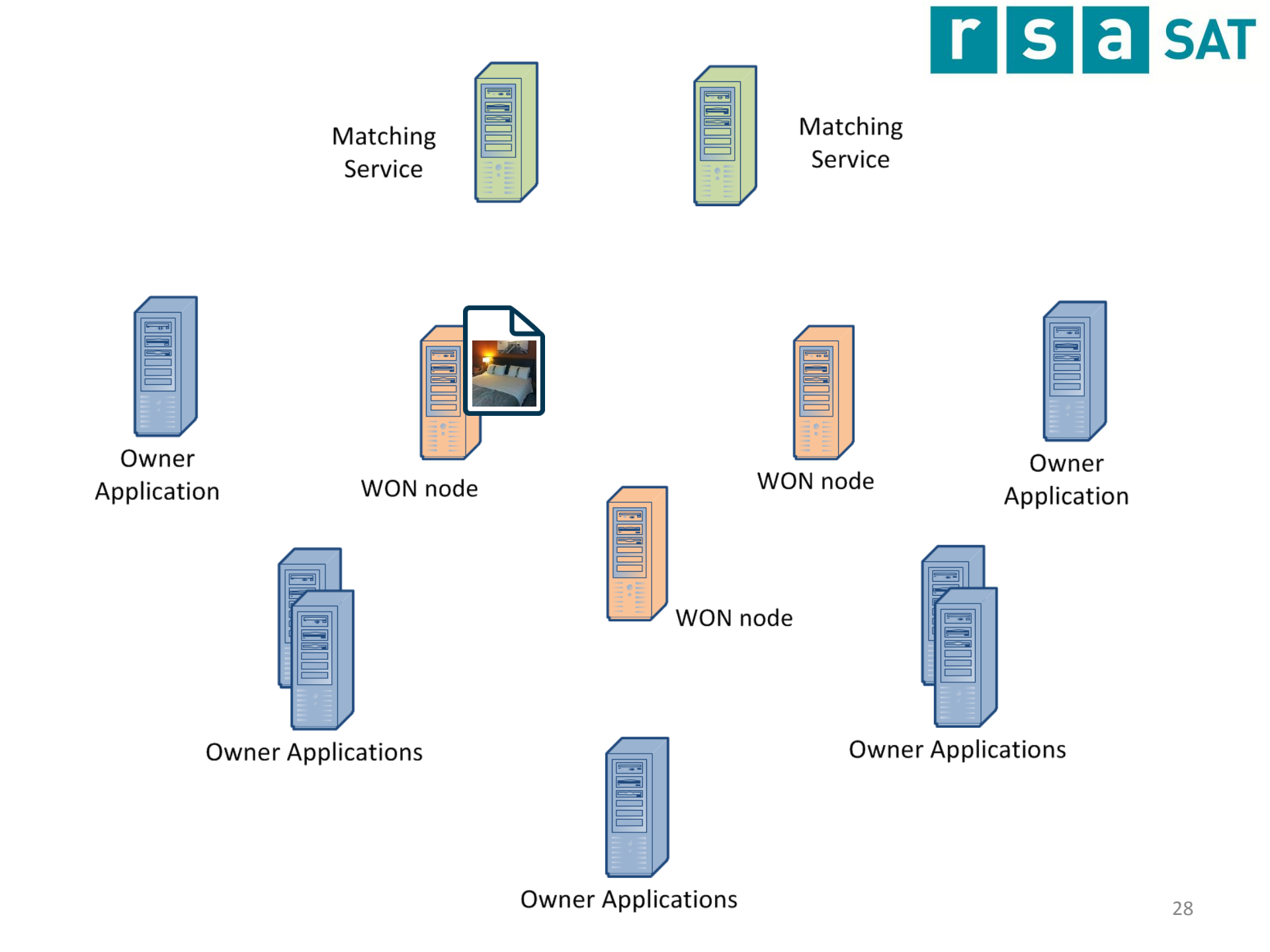
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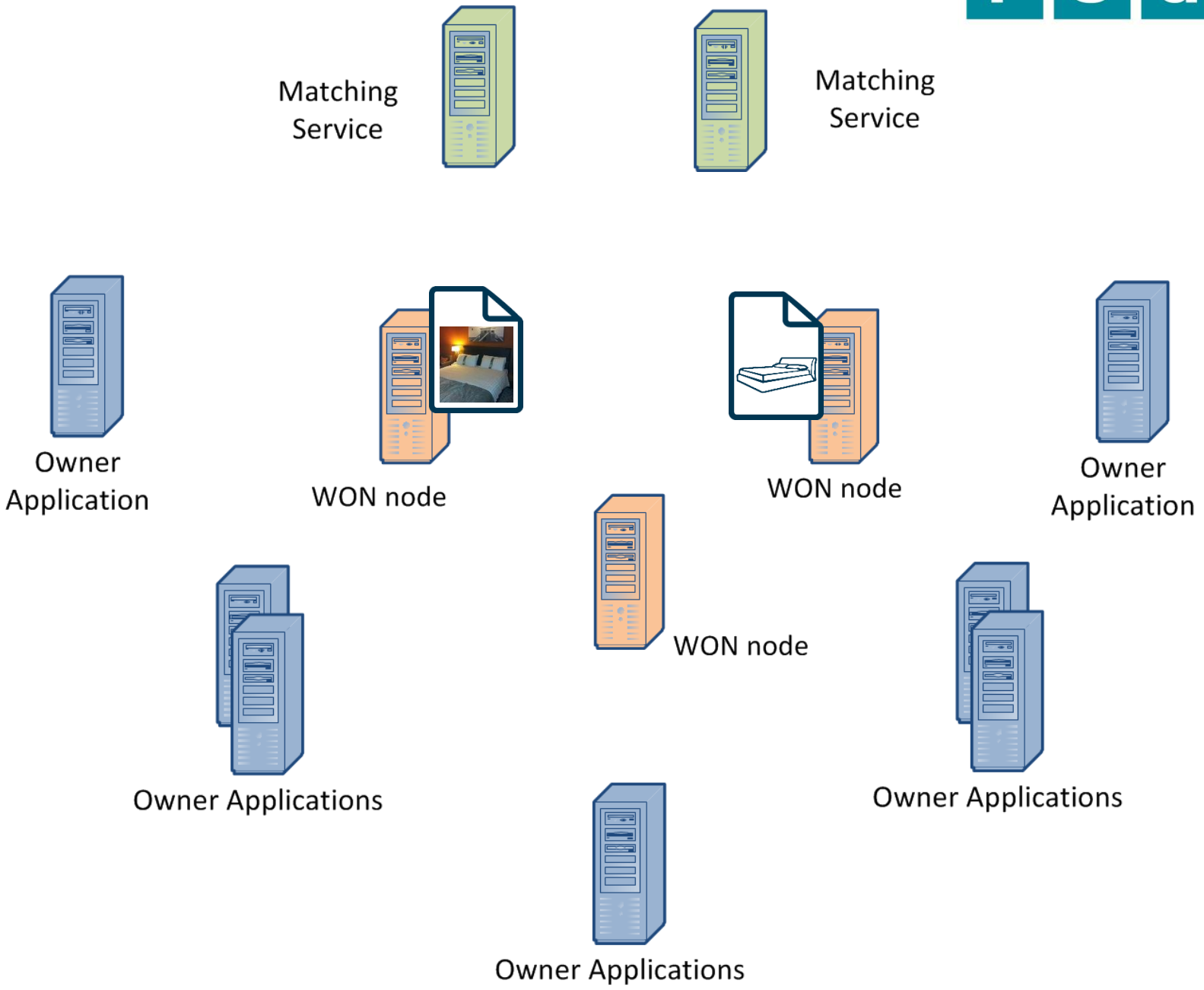
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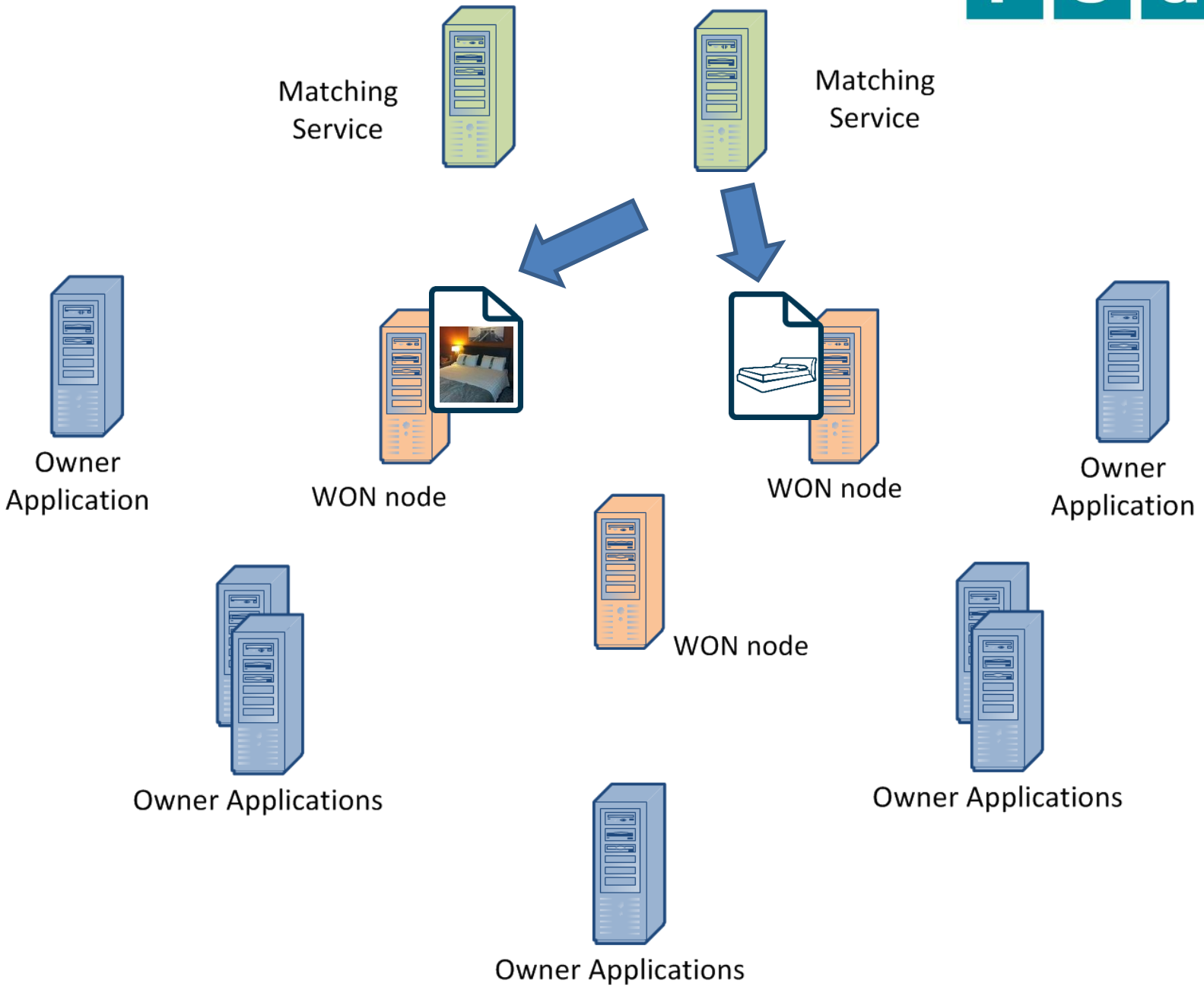
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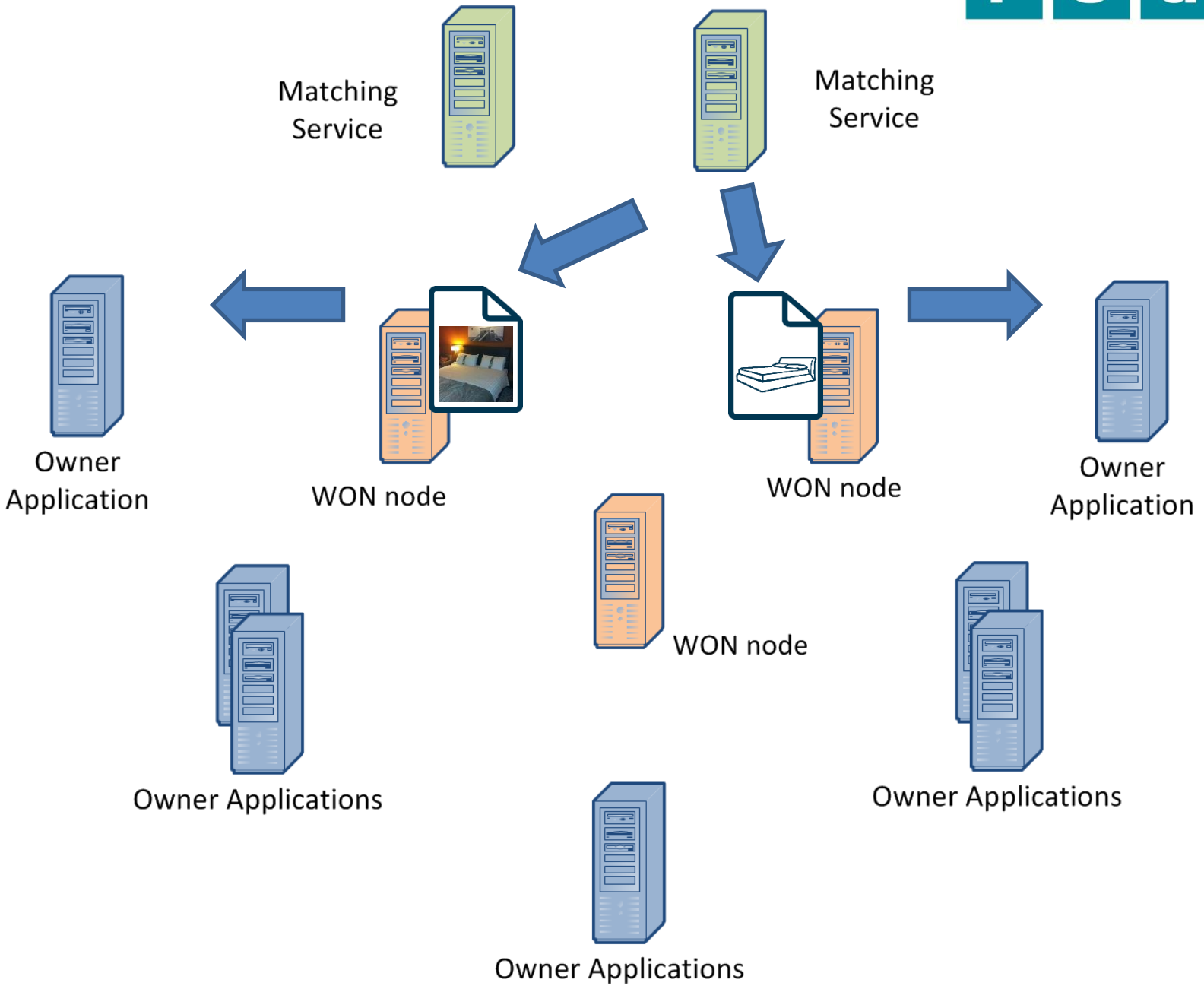
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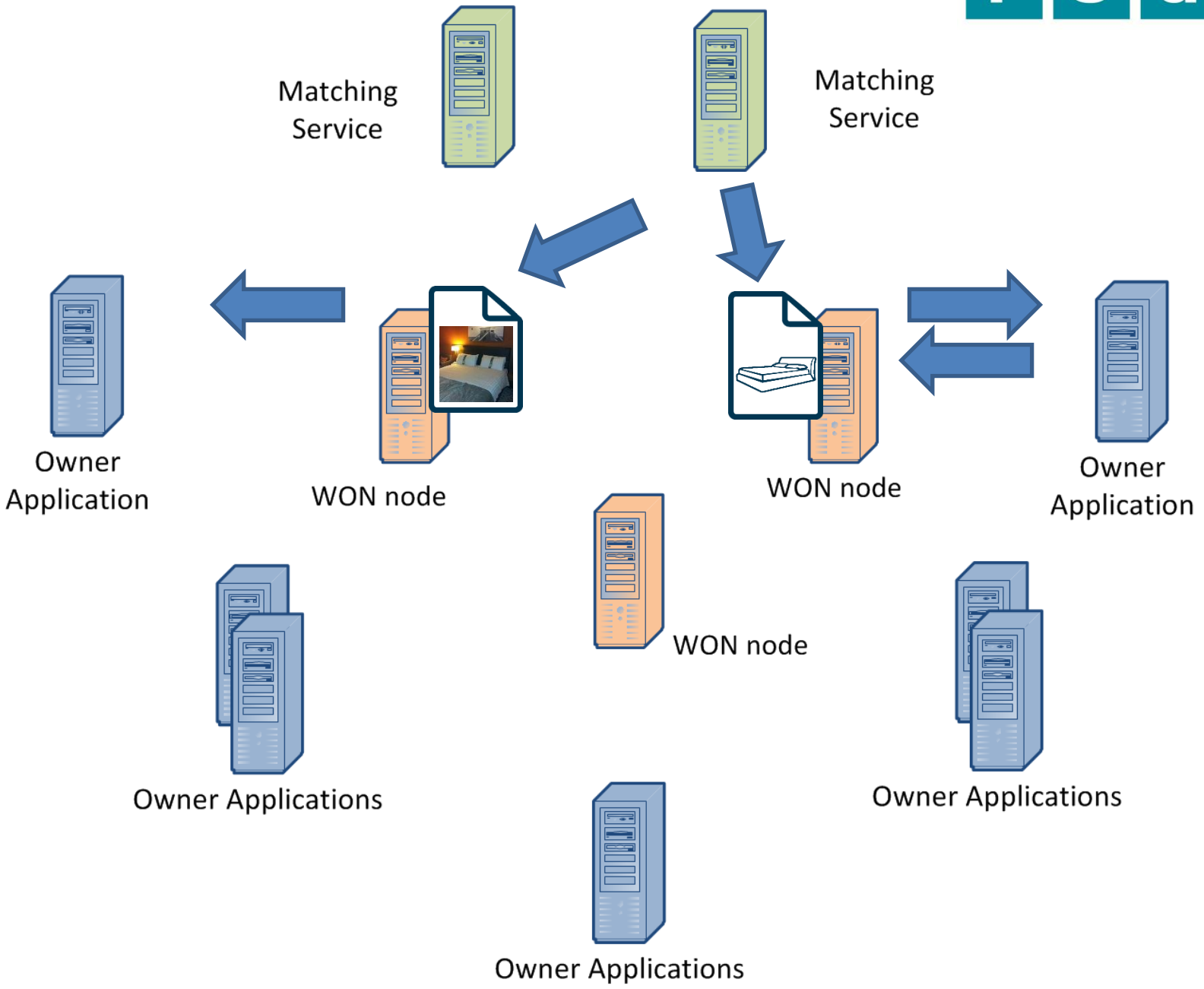
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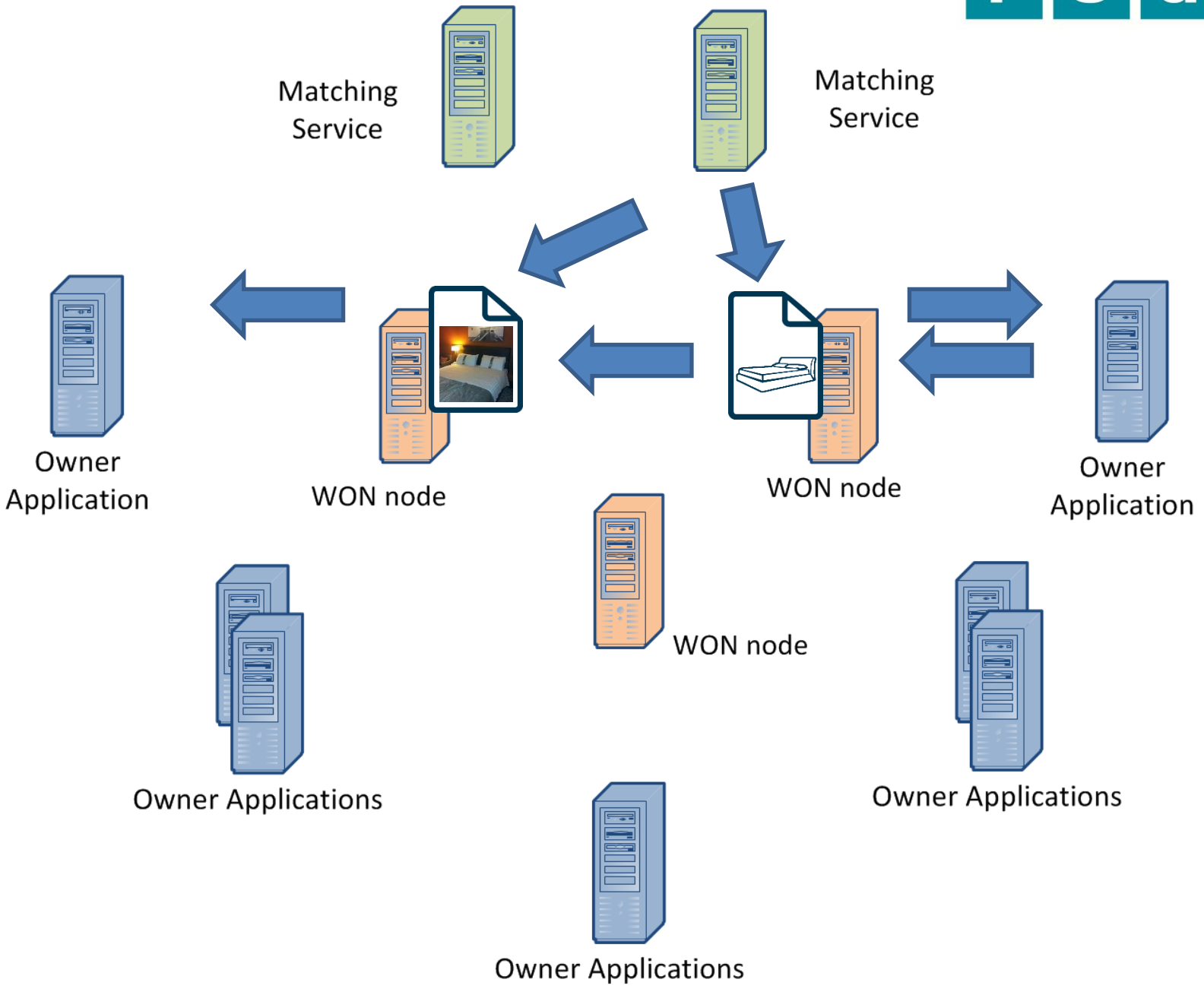
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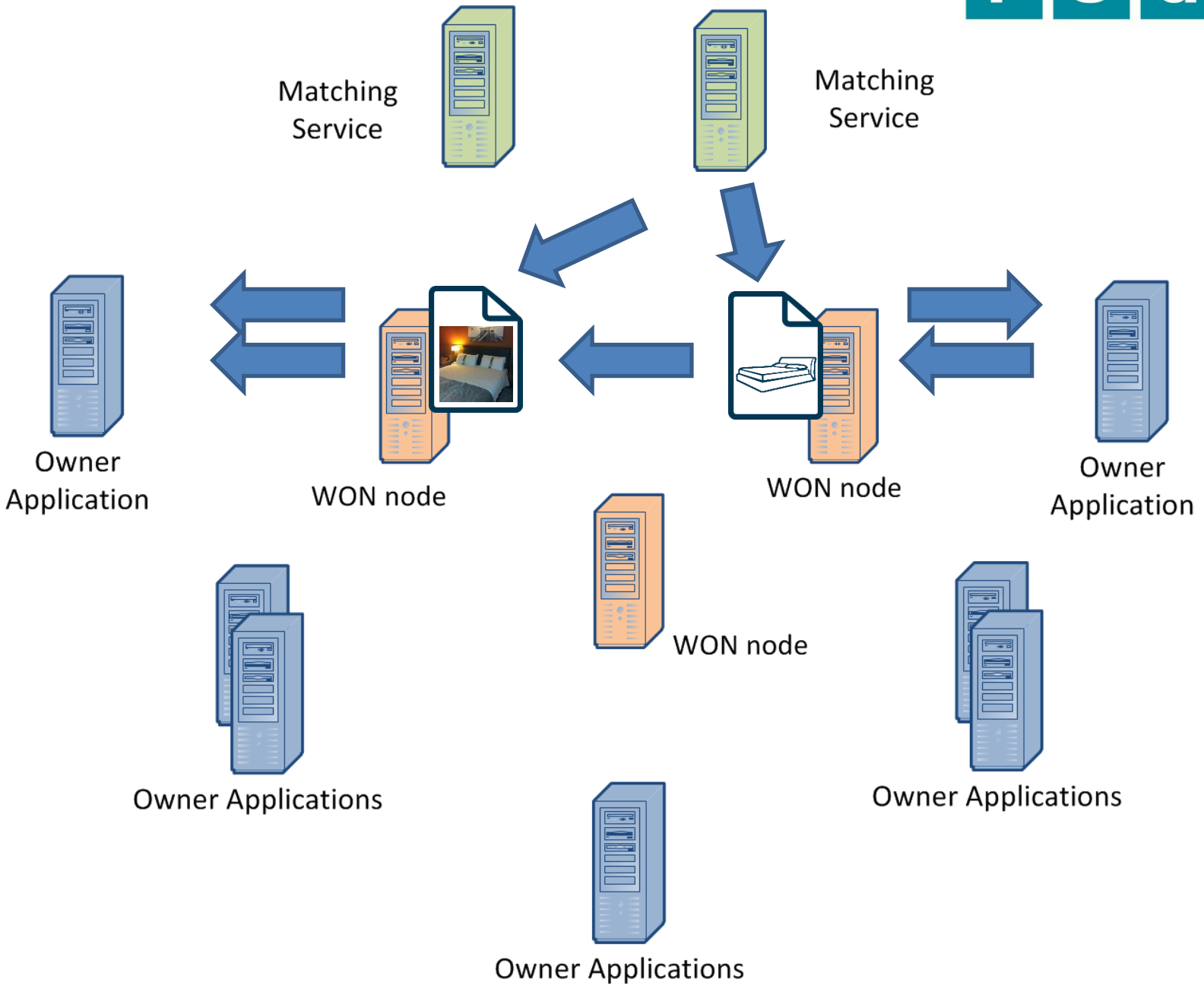
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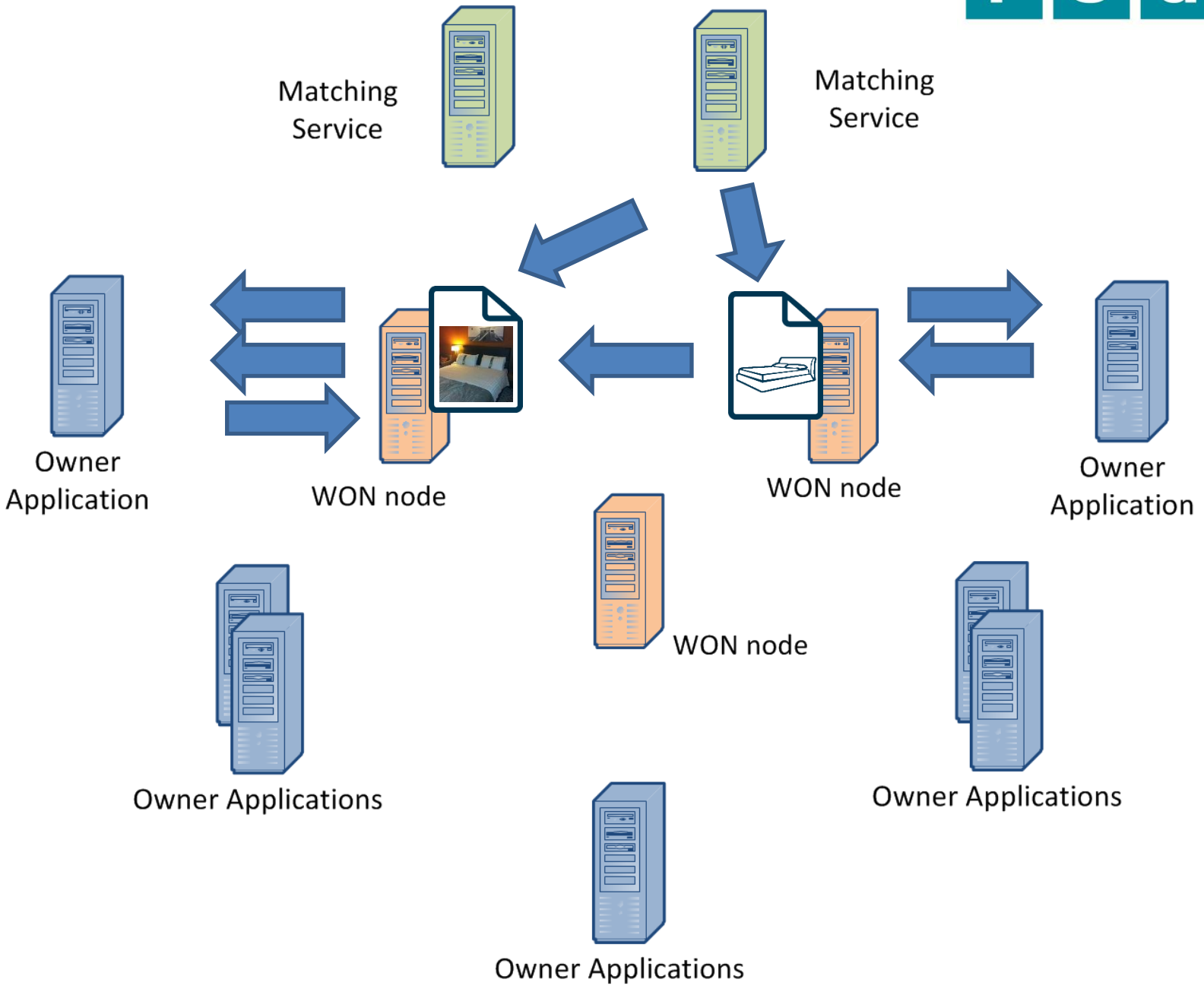
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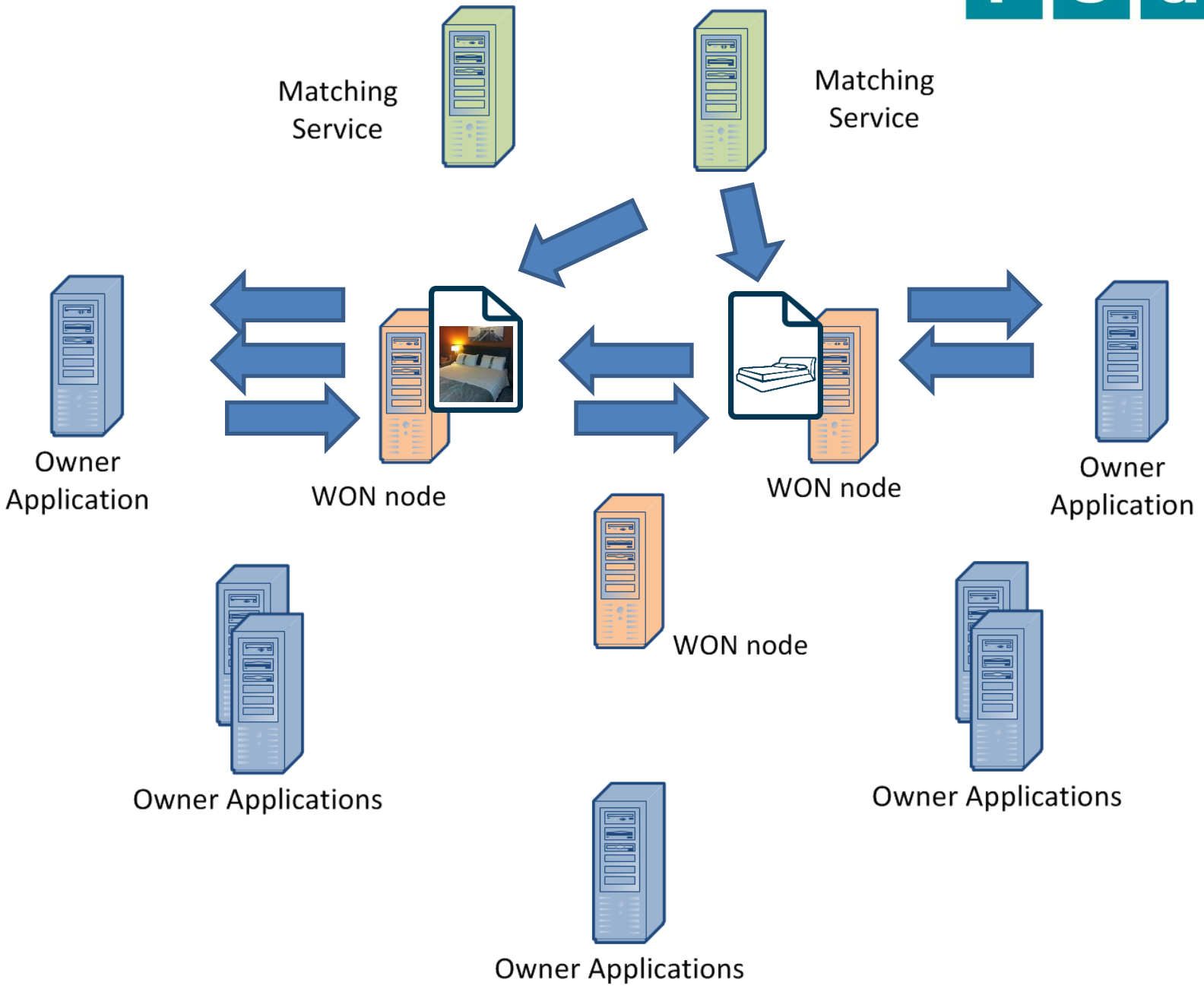
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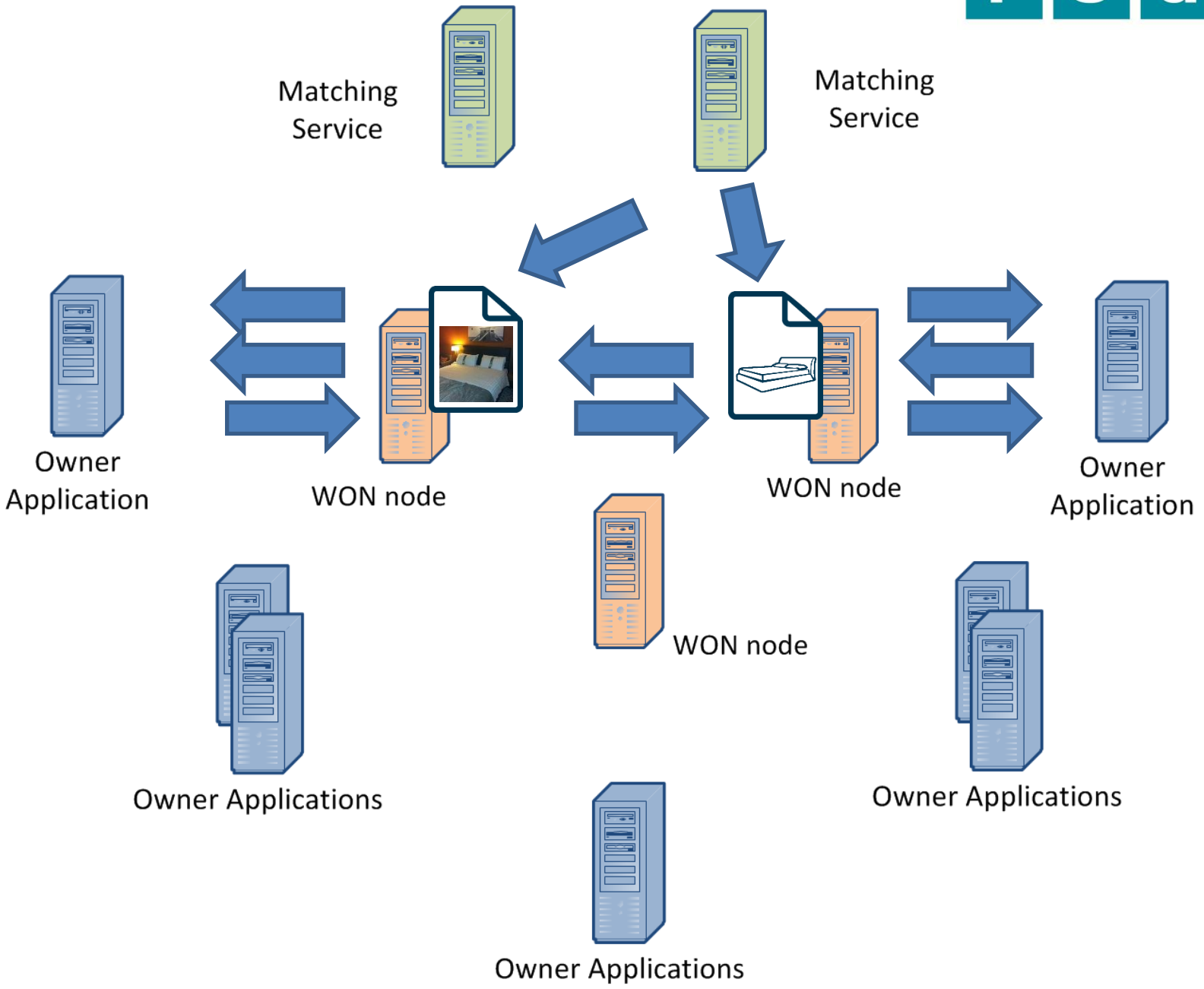
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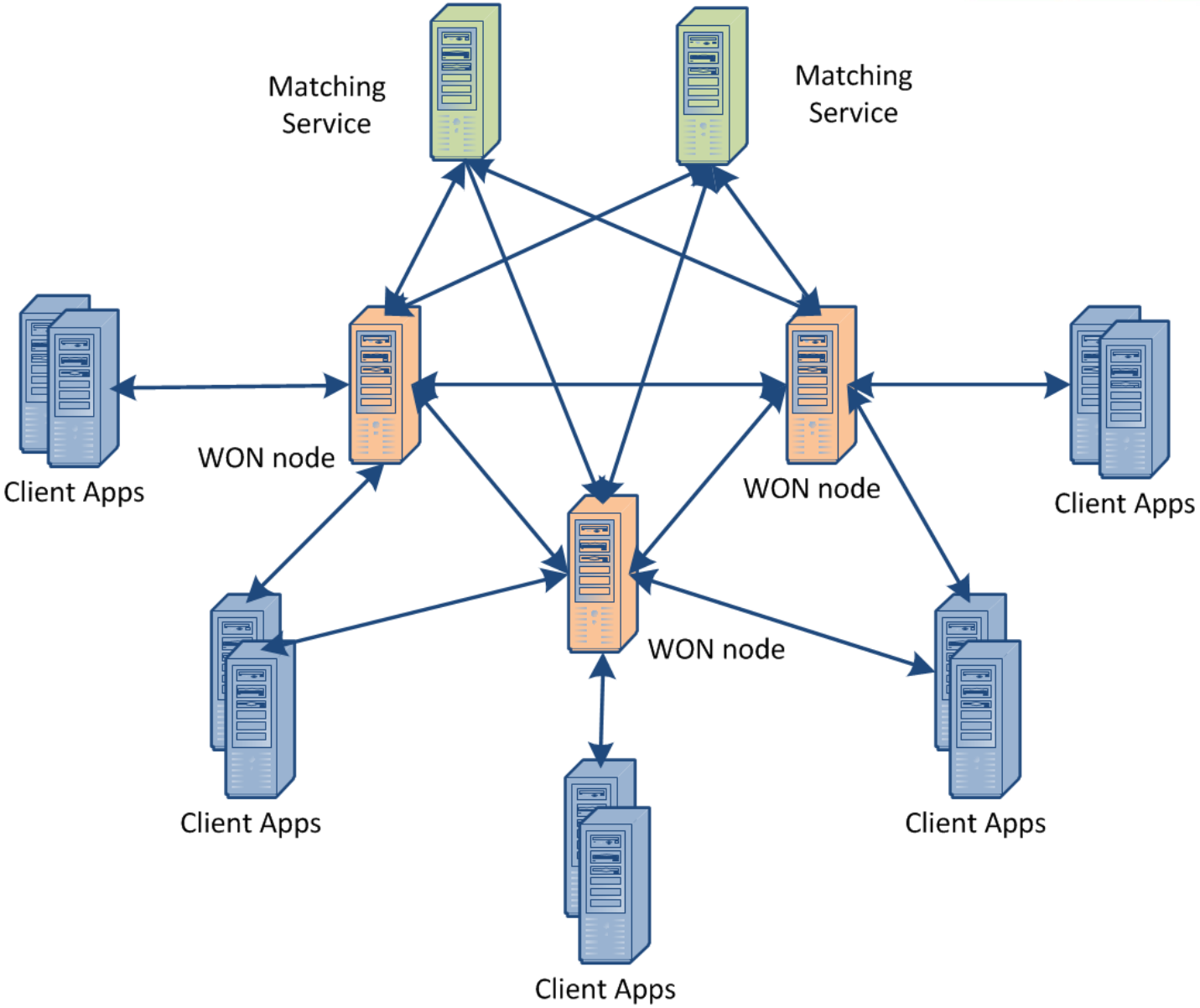
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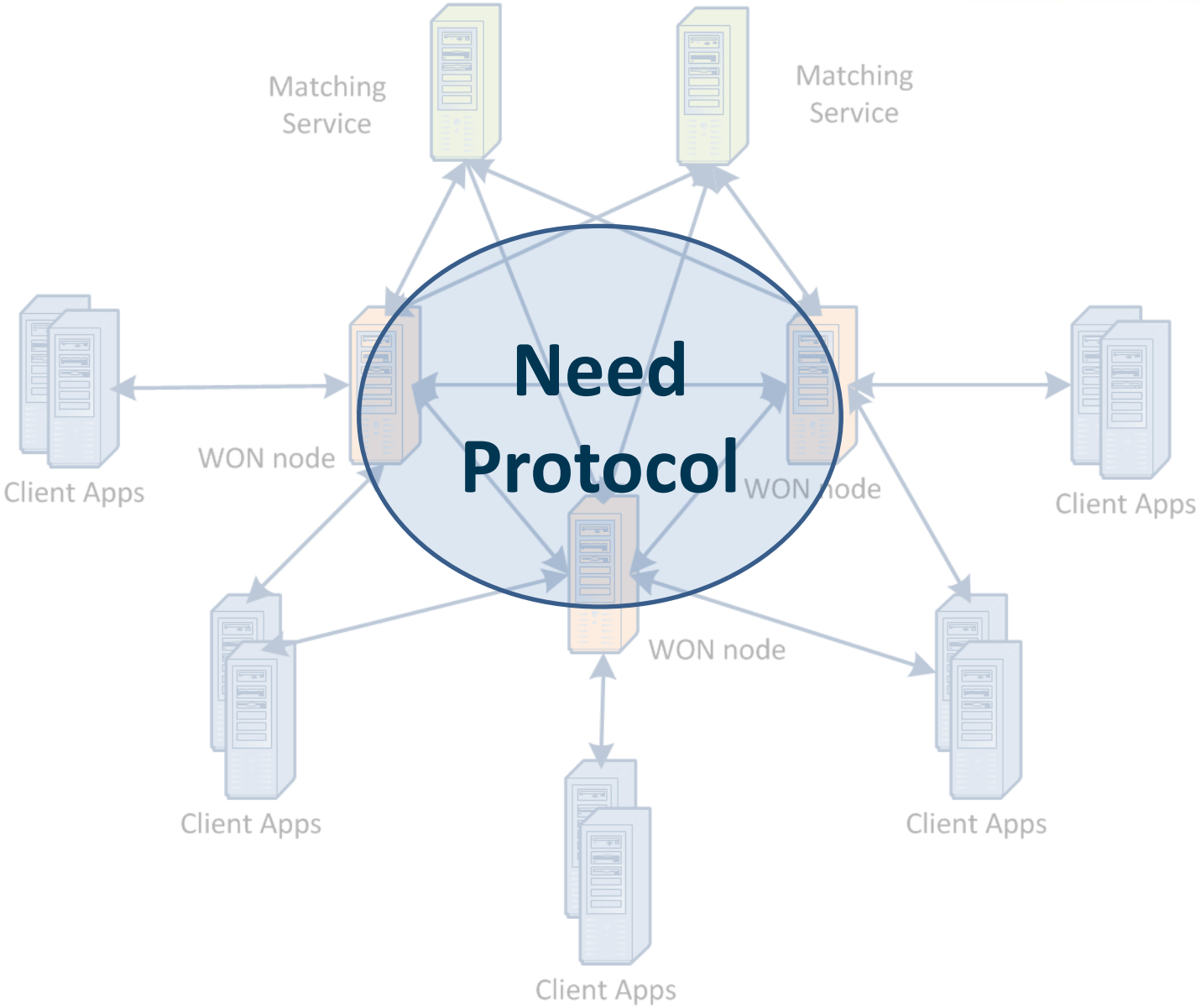
Matching Service
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Need Protocol
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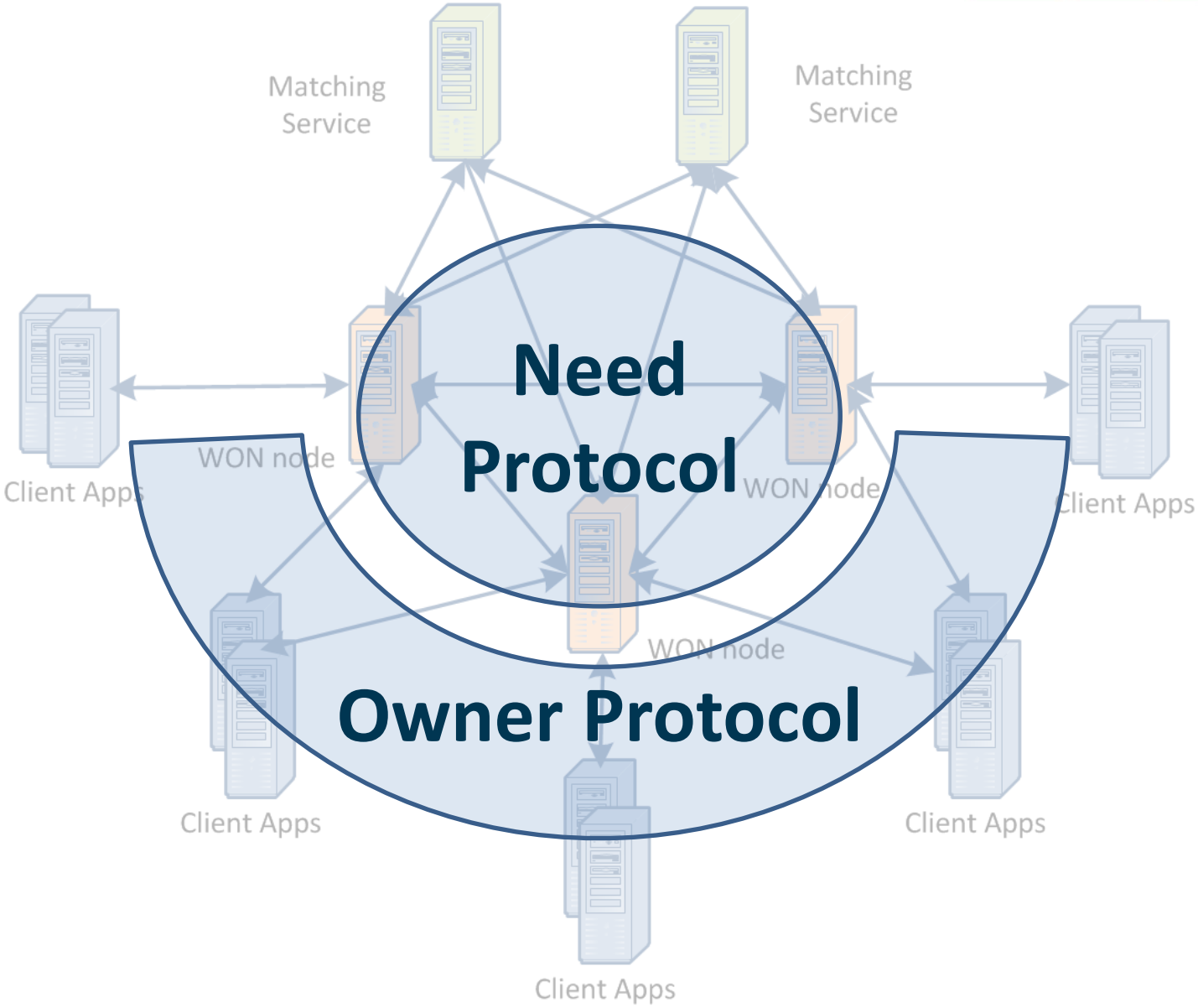
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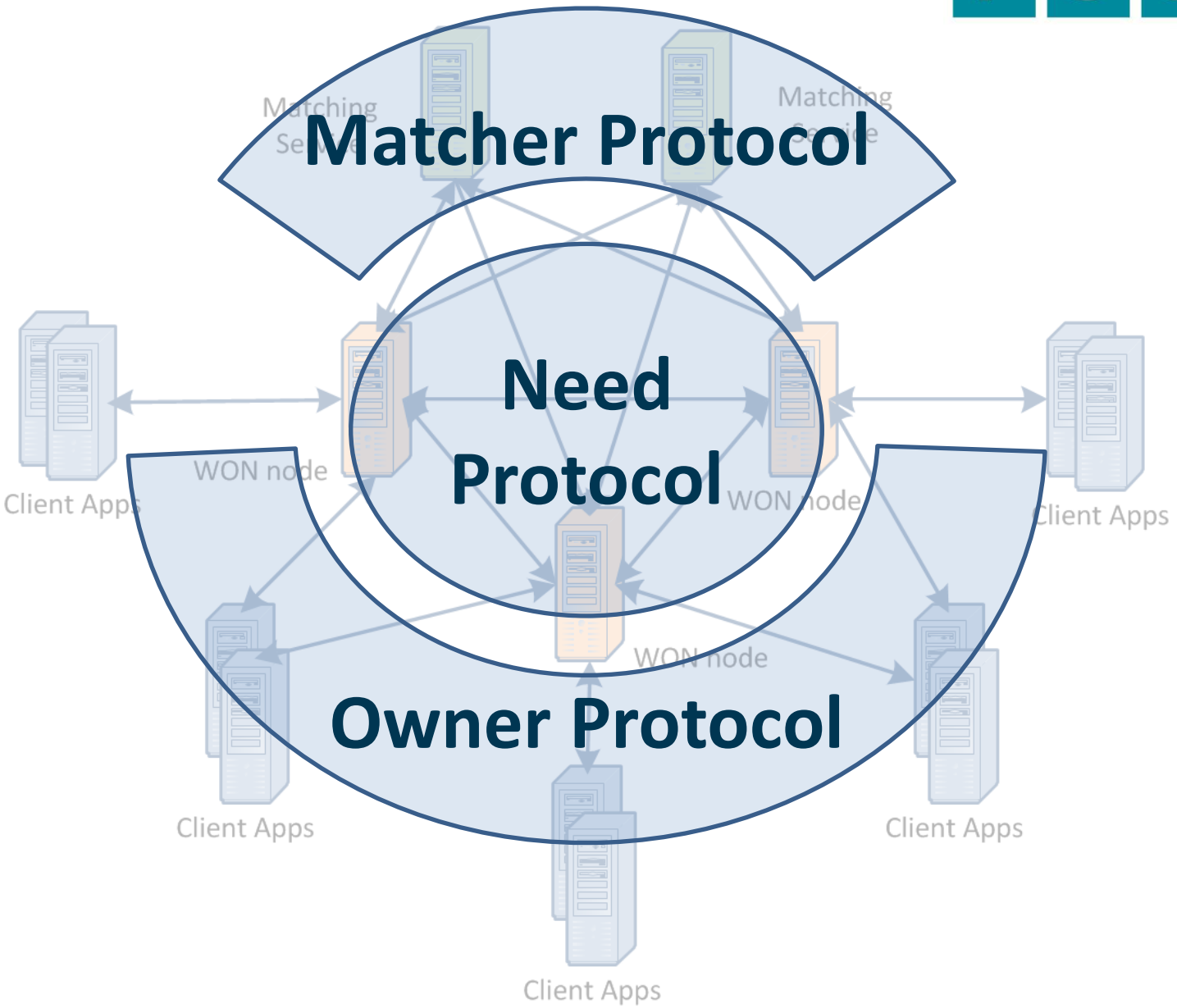
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Client Apps

http://www.flickr.com/photos/86530412@N02/8210762750/

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Communication protocols

https://secure.flickr.com/photos/cavale/726697457/

Matching

https://secure.flickr.com/photos/presidioofmonterey/4621156723/

Description language for needs

https://secure.flickr.com/photos/thebarrowboy/6205580246/

User Interaction Design

Challenges:

Many.
You can help.

→ open infrastructure
→ open source

github.com/researchstudio-sat/webofneeds/

http//github.com/researchstudio-sat/webofneeds
http://bit.ly/10ntJUi

@fkleedorfer Florian Kleedorfer
@cm_busch Christina Maria Busch
@webofneeds

http://sat.researchstudio.at