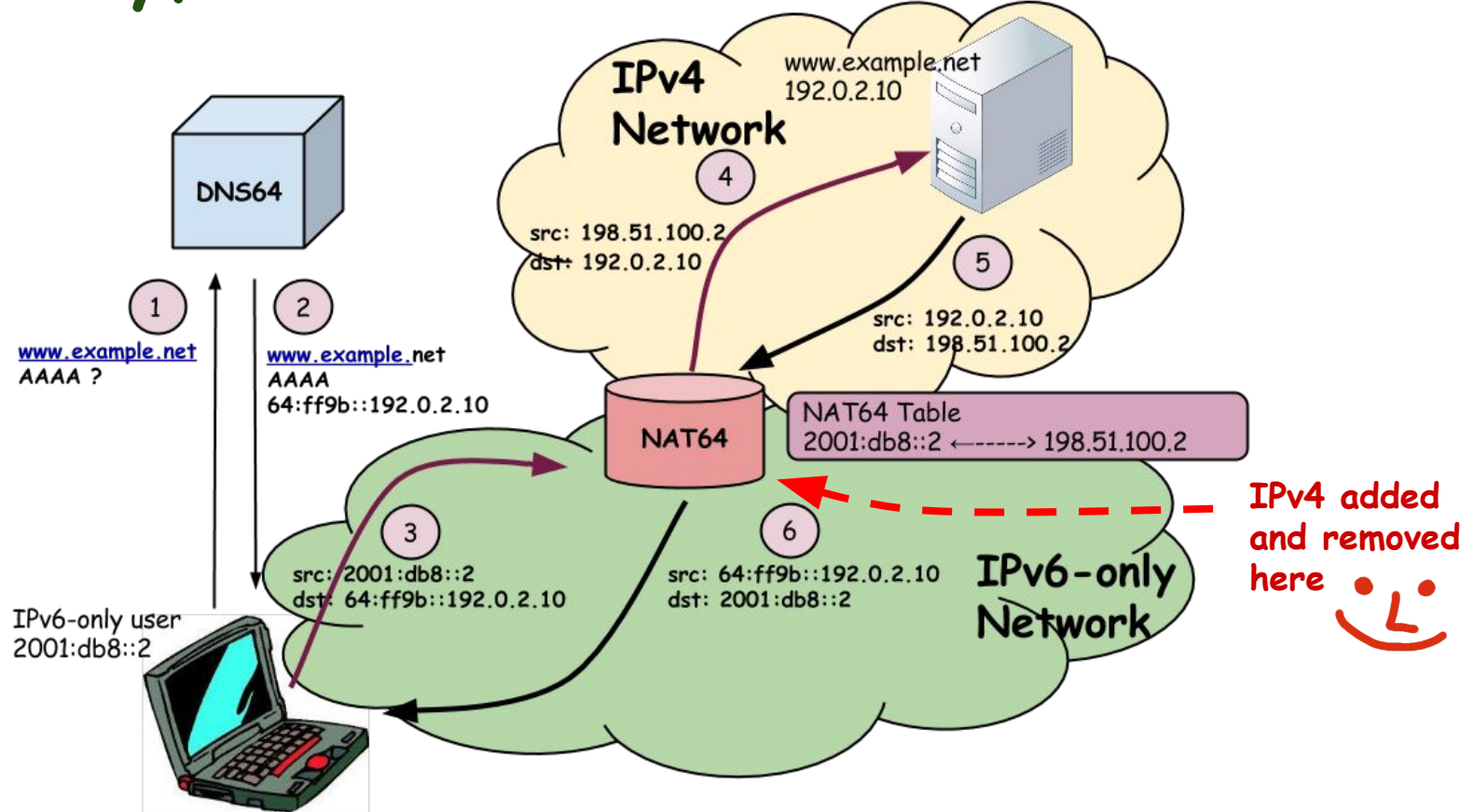# IPv6-only
has never been so easy

Jen Linkova on behalf of Google Public DNS Team

RIPE72, May 2016

IPv6-only, NAT64 and DNS64 Overview

Some IPv6-only Deployment Roadblocks

★ "I'm a network person, I do not control DNS..."
★ "My DNS does not support DNS64"
★ "I do not want to run DNS server, we are using Google DNS"

ROAD CLOSED

The Solution: Google Public DNS64

IPv6 Addresses:
- **2001:4860:4860::6464**
- *More VIPs to follow...*

Limitations:

- Now in **BETA** version
- Local NAT64 gateway must use well-known prefix 64:ff9b::/96.
- Only public (accessible from Internet) names are resolved

Try It Now!

More Details:

  https://developers.google.com/speed/public-dns/docs/dns64

Testing SSID @ RIPE72 only

- **SSID:** nat64-googledns64-EXP
- **WPA2/Personal:** iknowbesteffort

Happy IPv6 Transitioning!