

IPv6 mPvD + NEAT + SADR + Capport  
=

Tom Jones



**AWESOME**  
Hack & Interrop

Pierre Pfister

Eric Vyncke



Wenqin Shao



Kyle Larose



Michael Di Bartolomeo



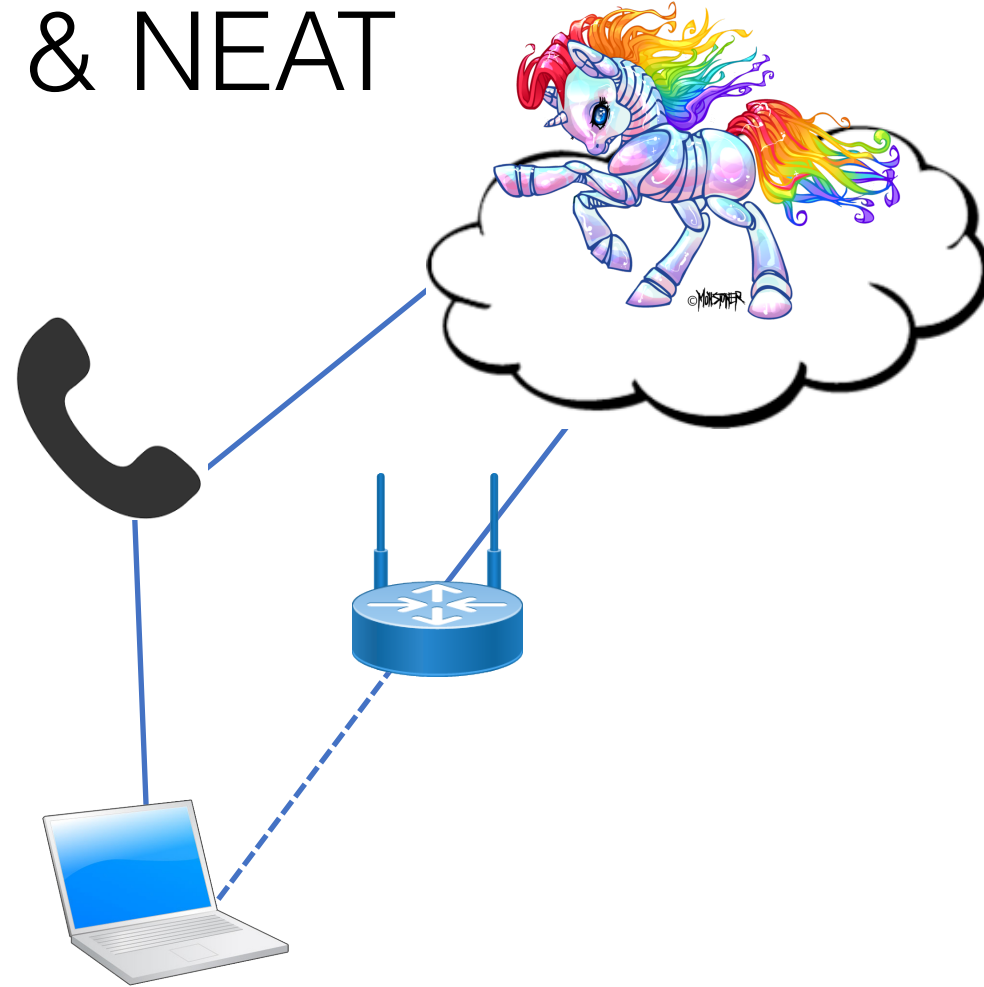
# Provisioning Domains & NEAT



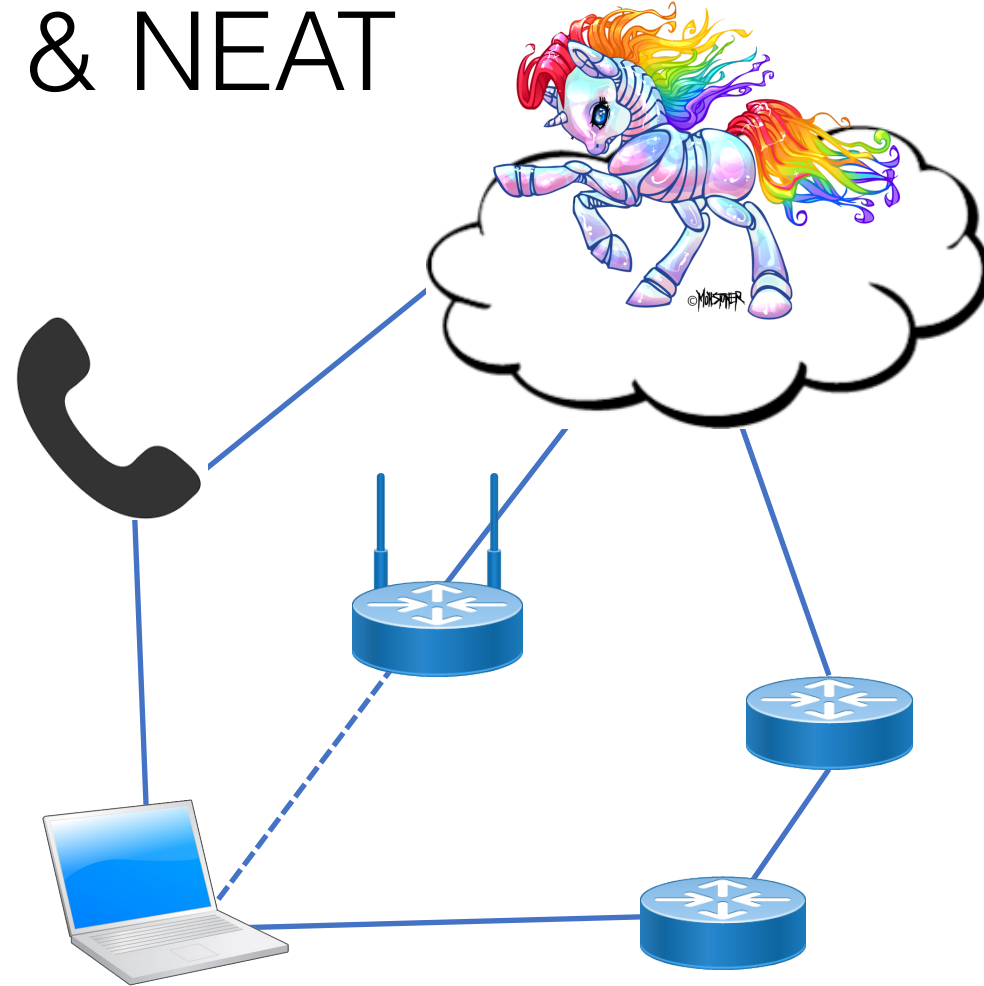
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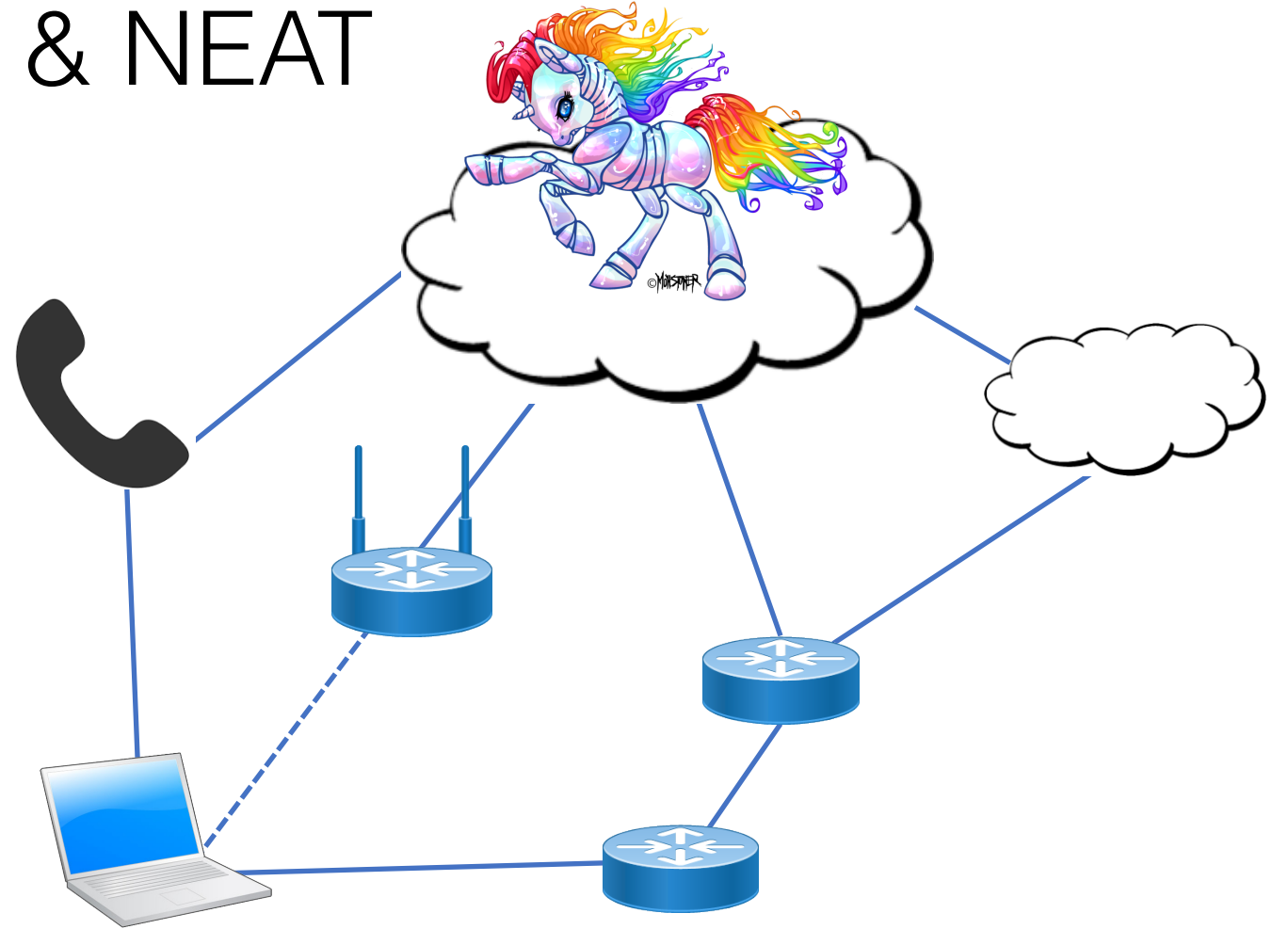
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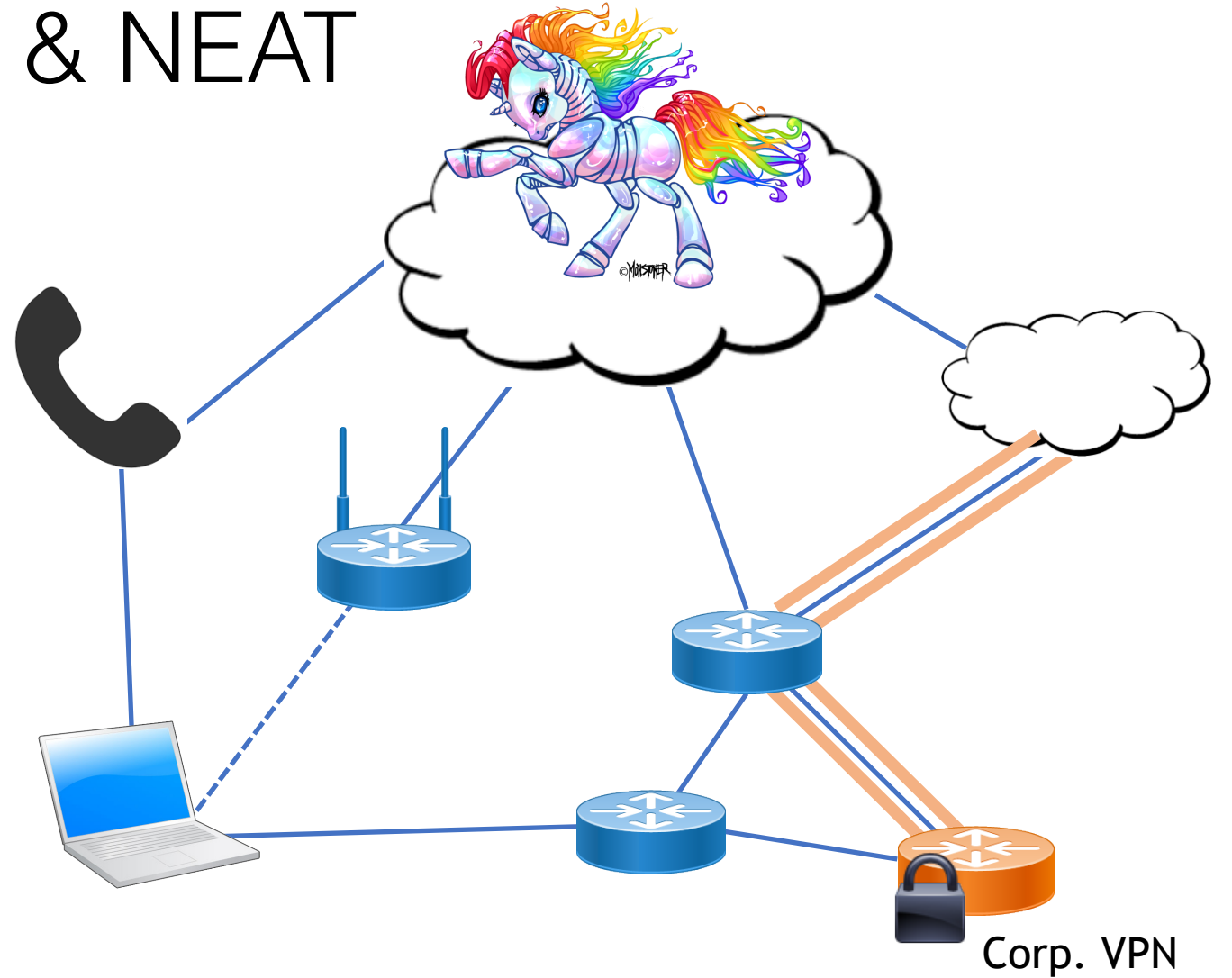
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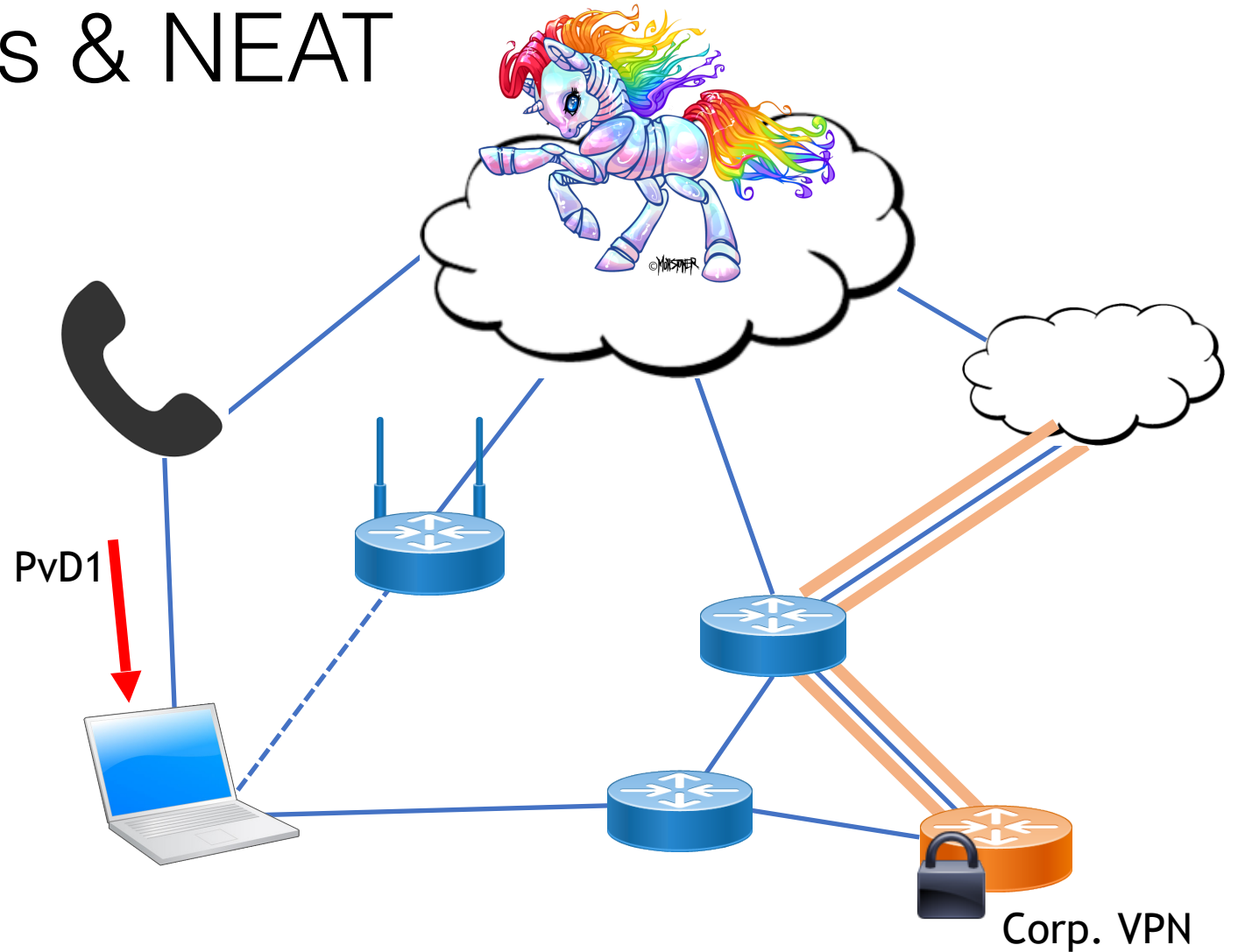
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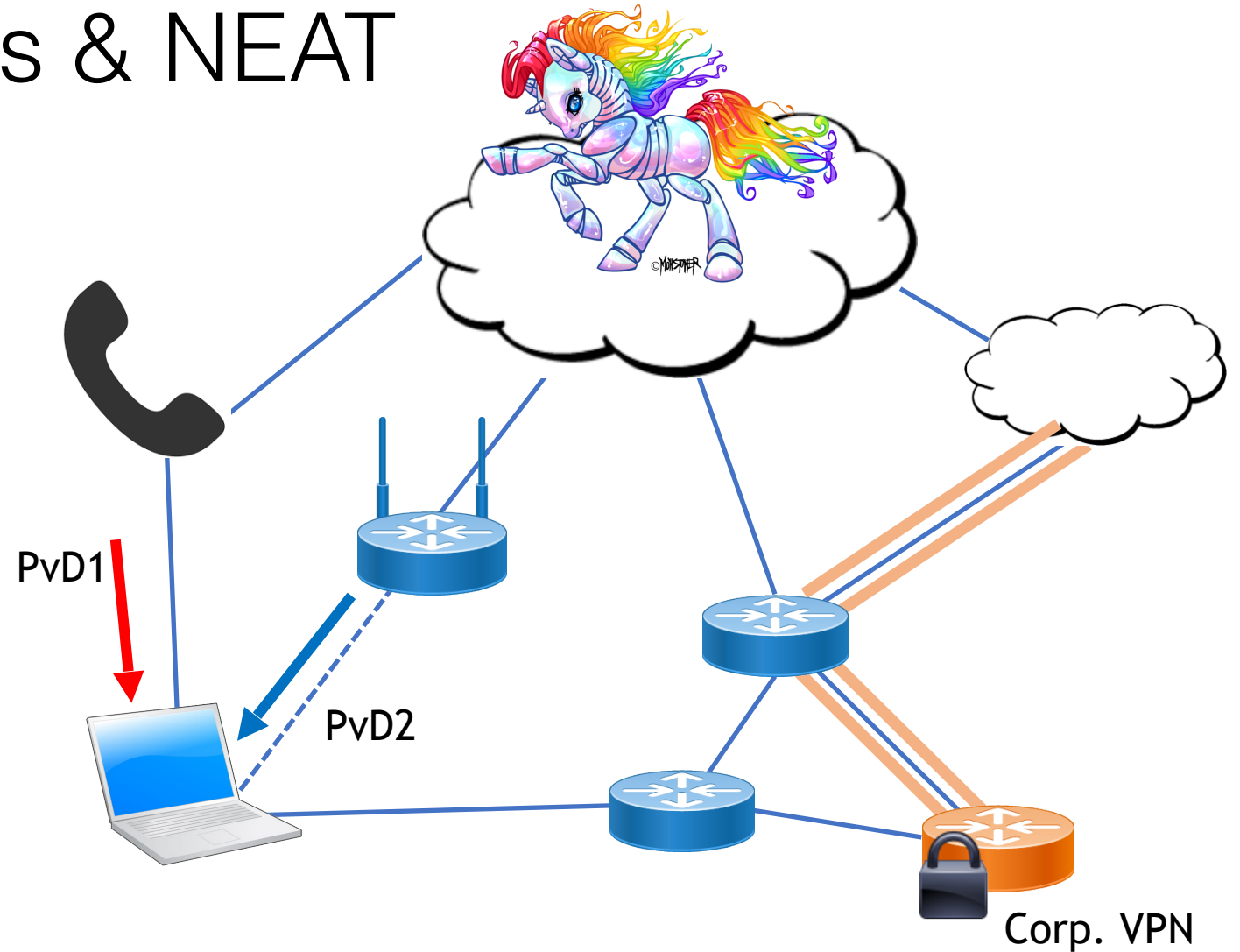


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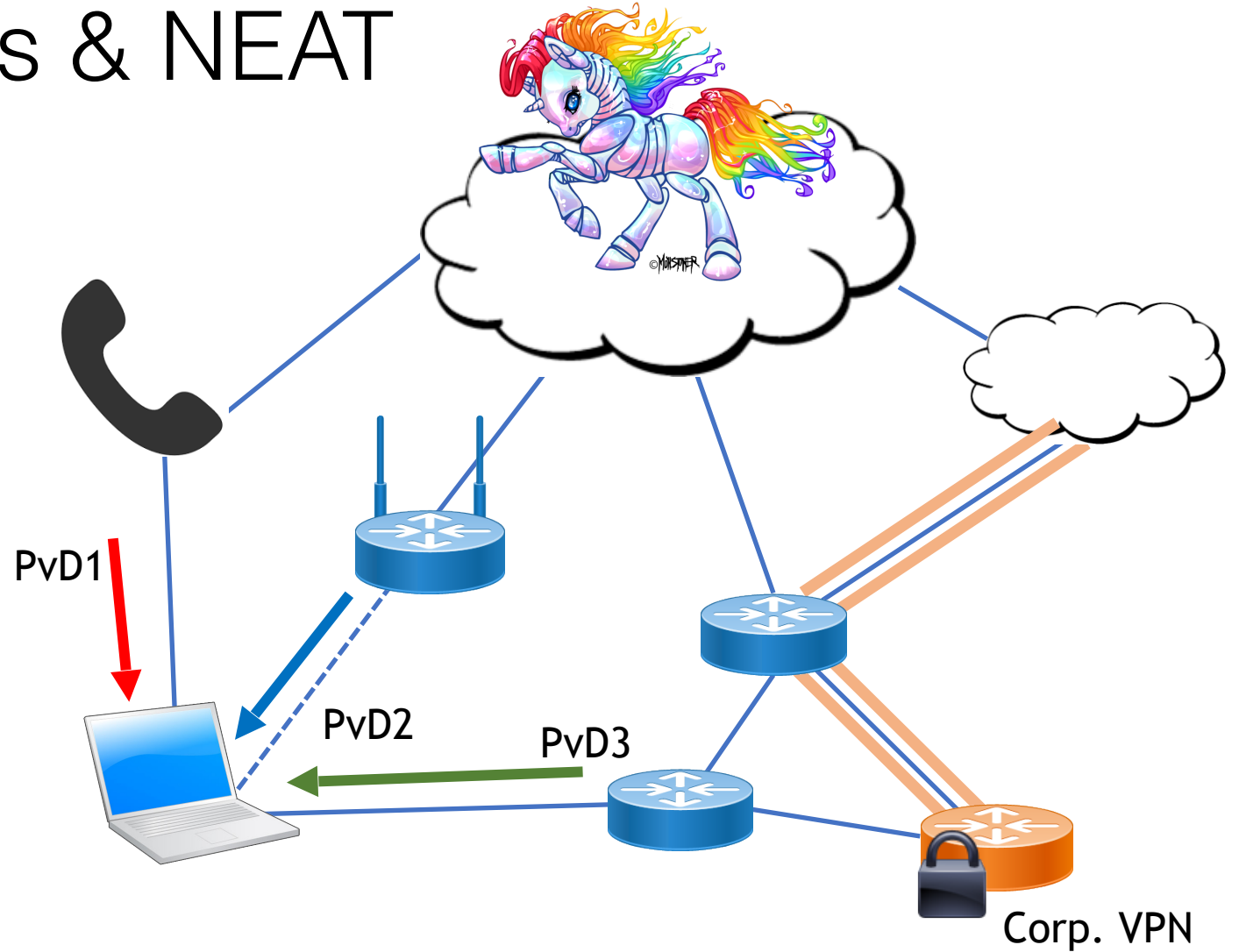




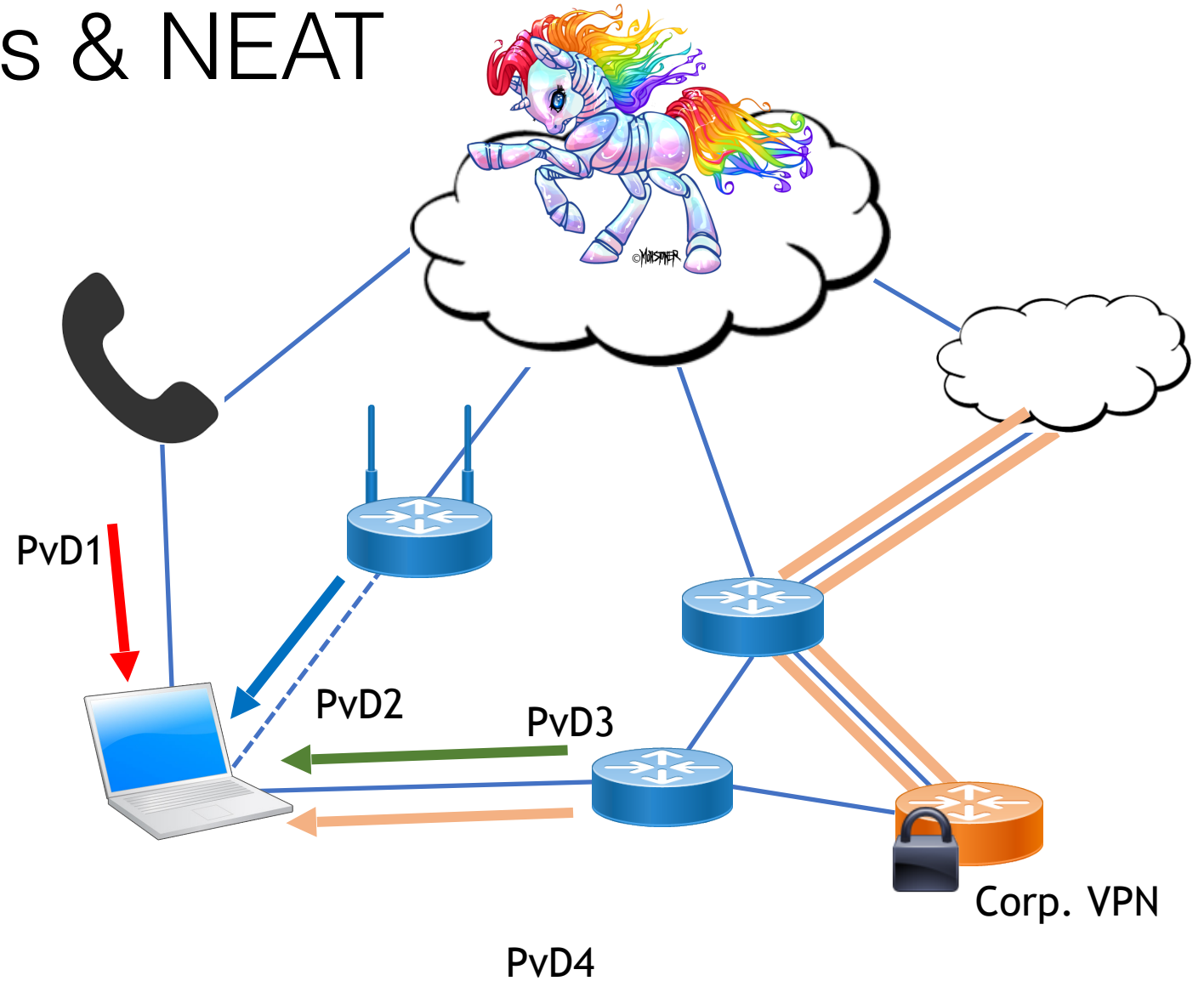
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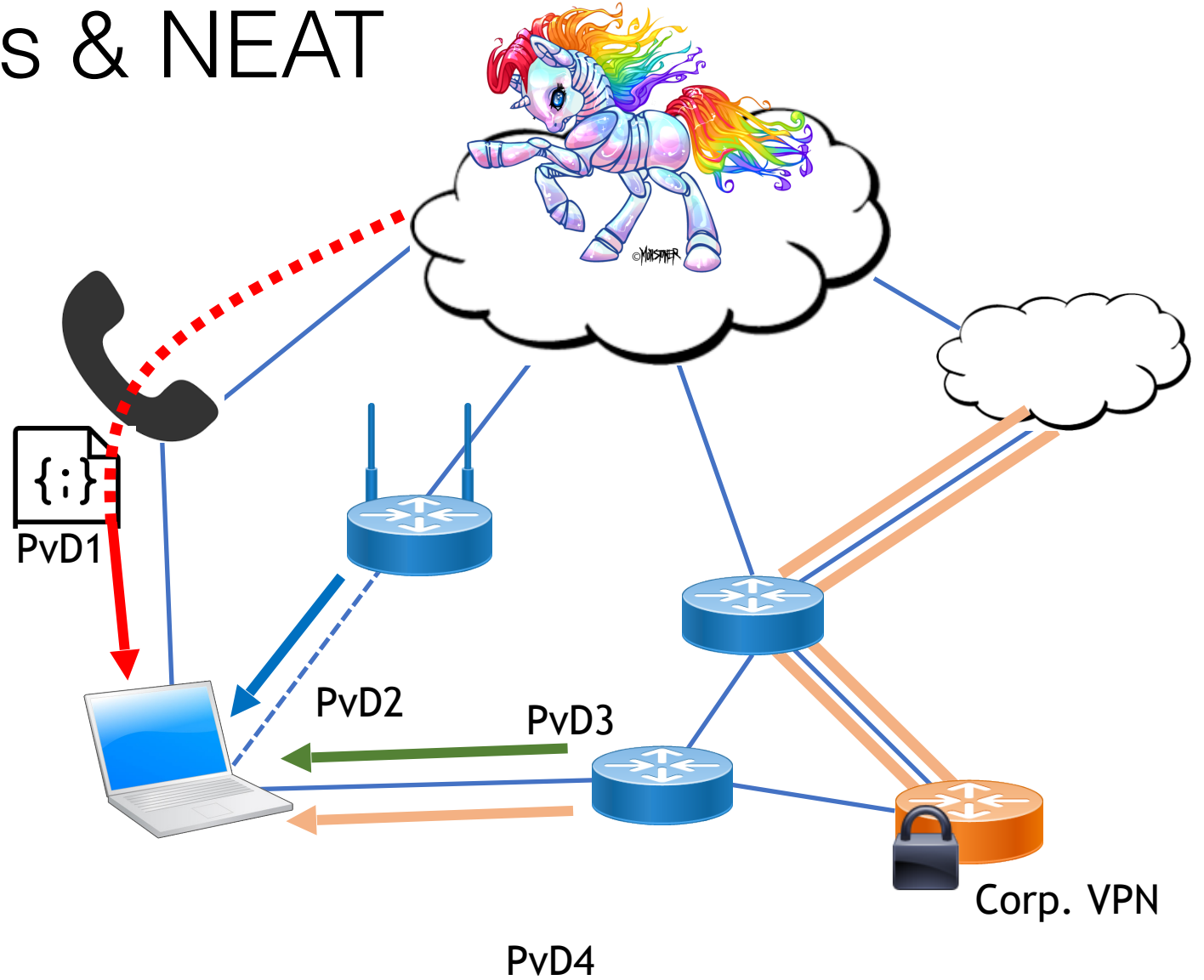
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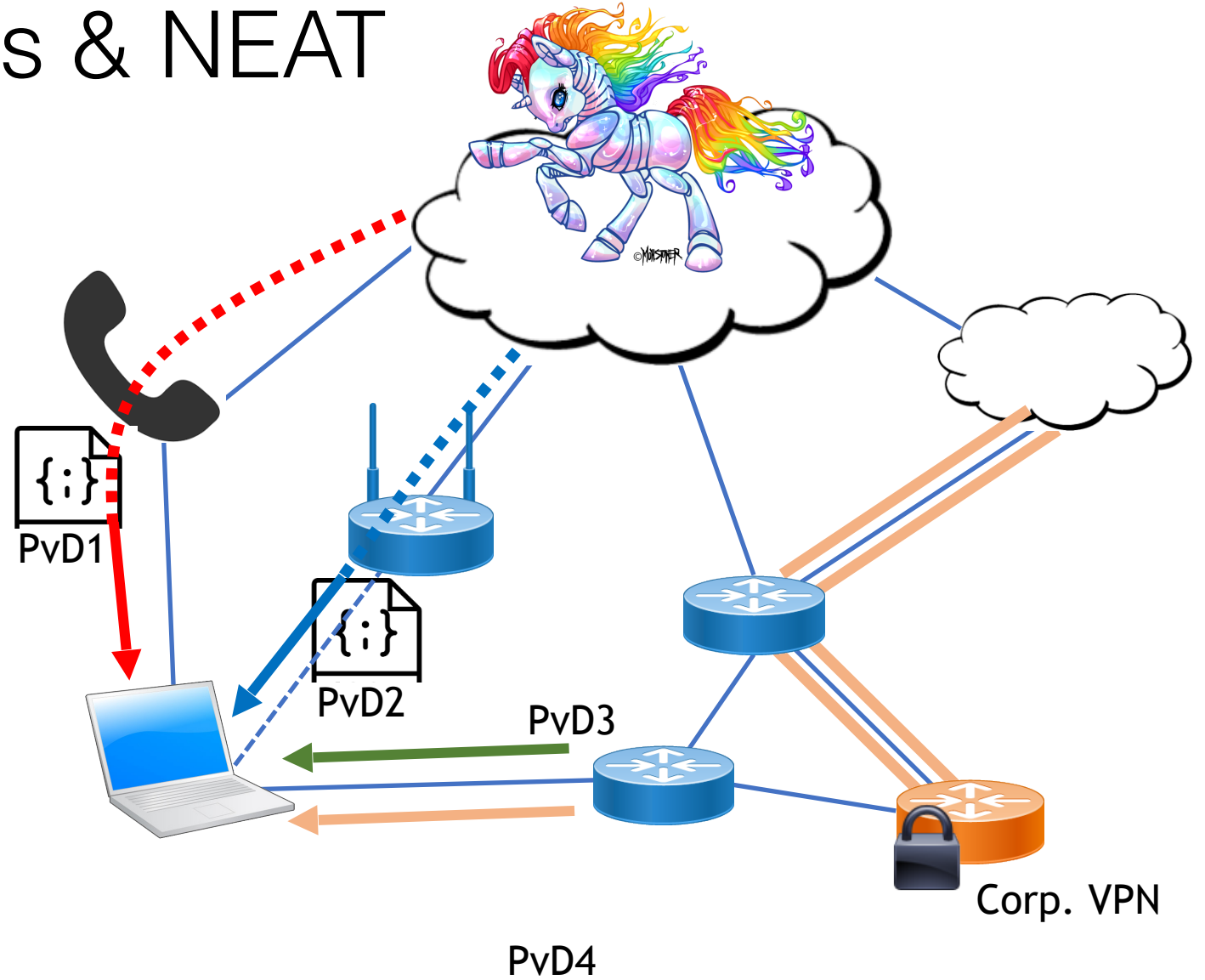
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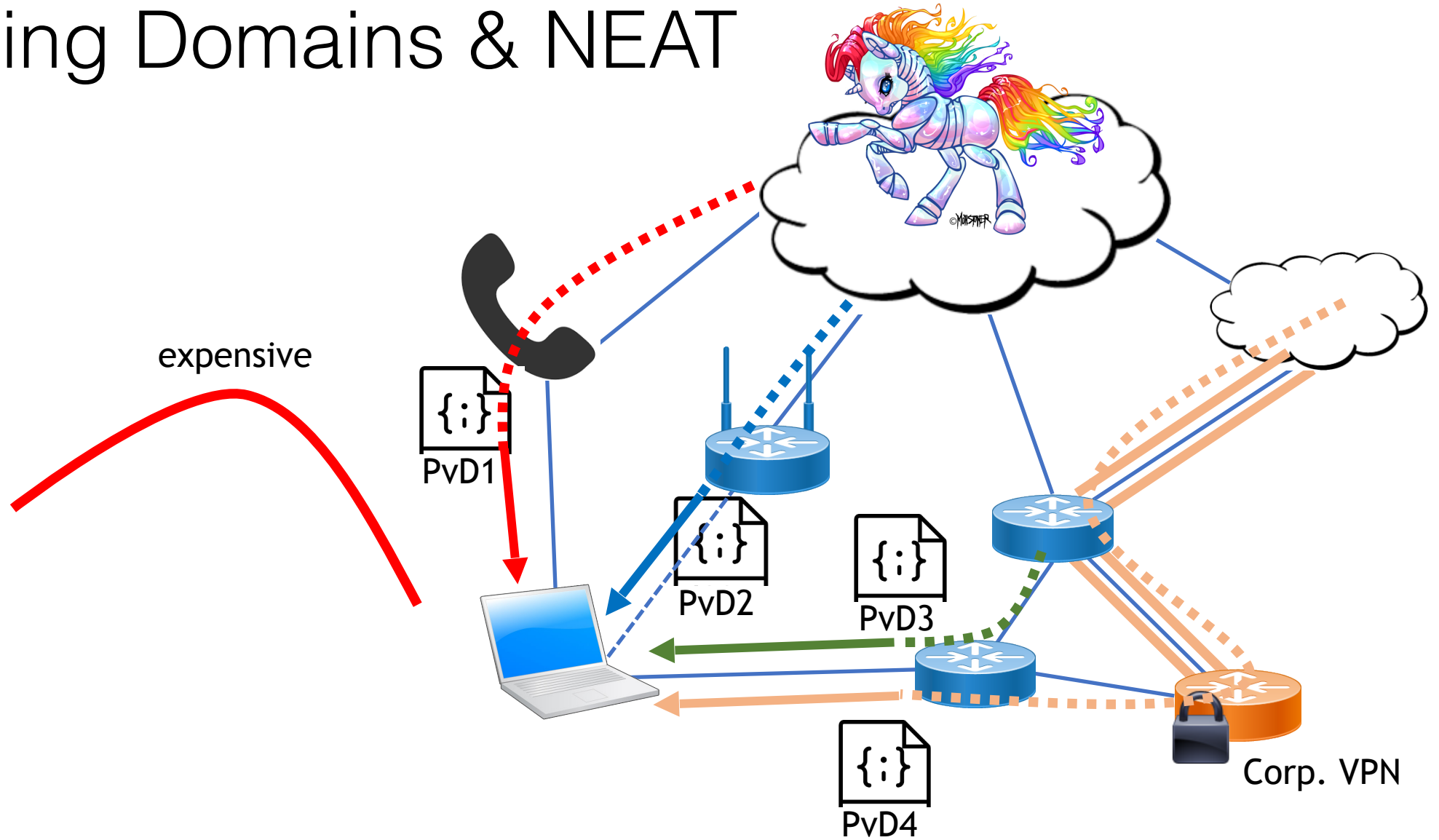
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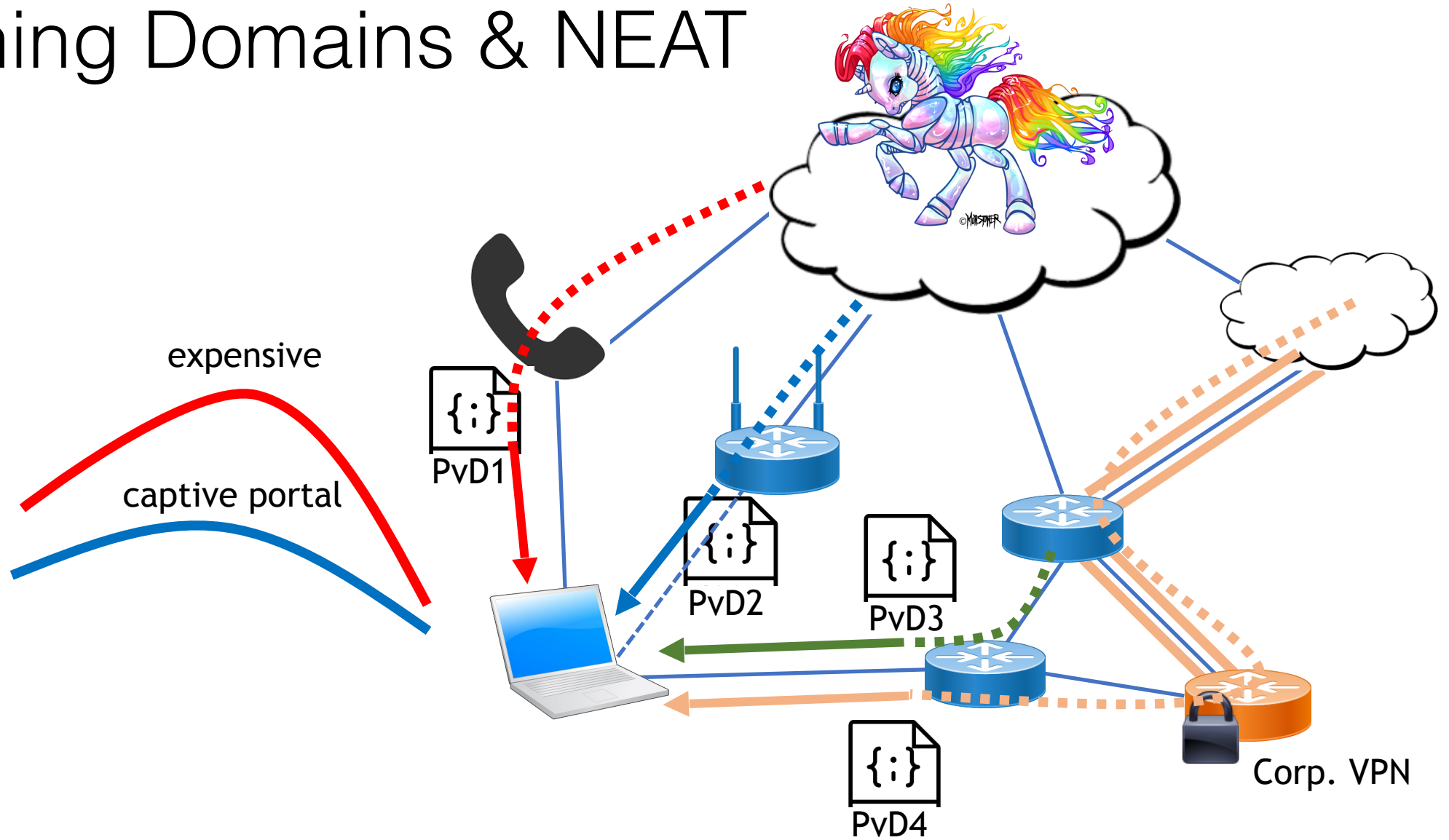


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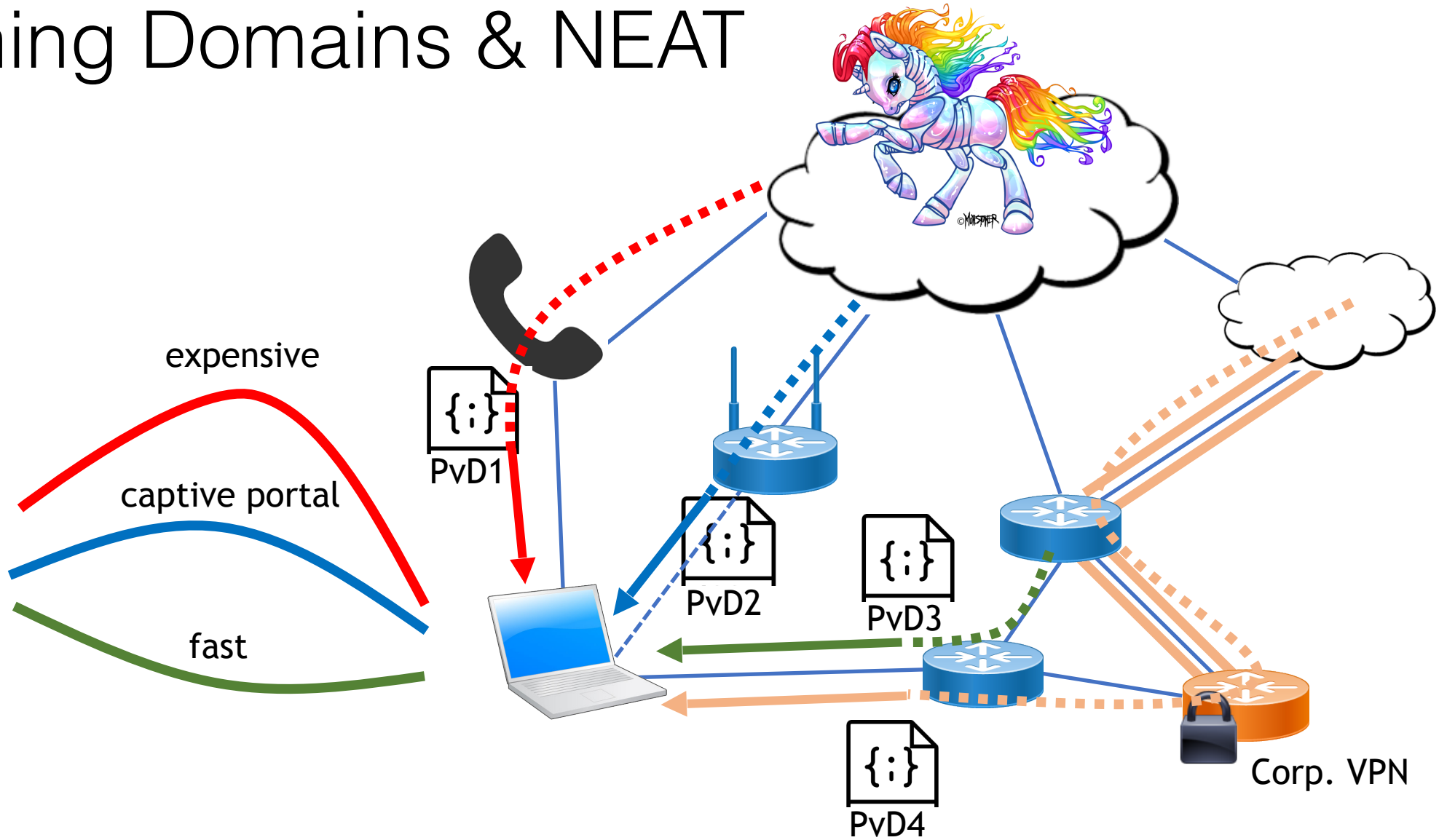




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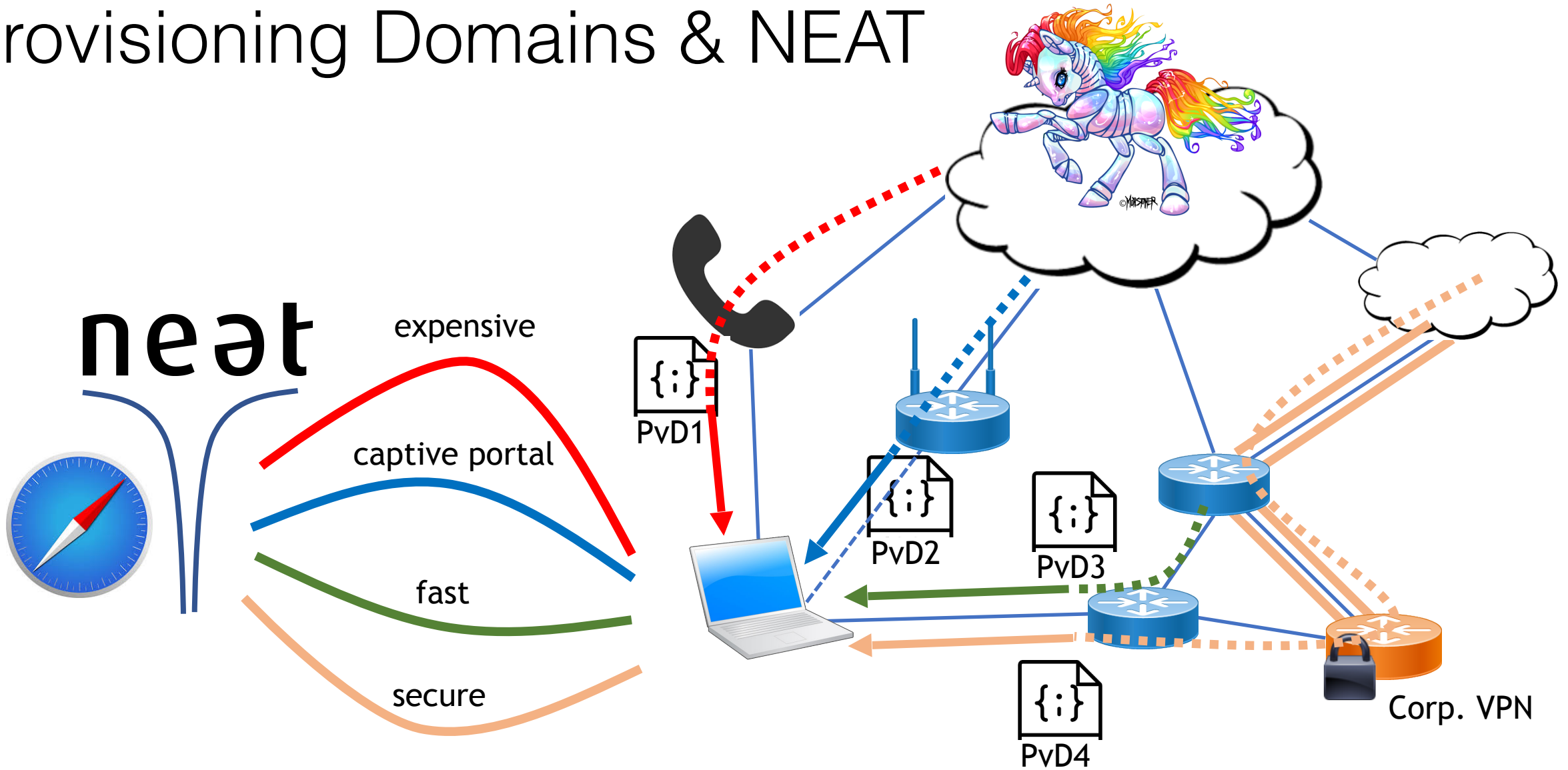


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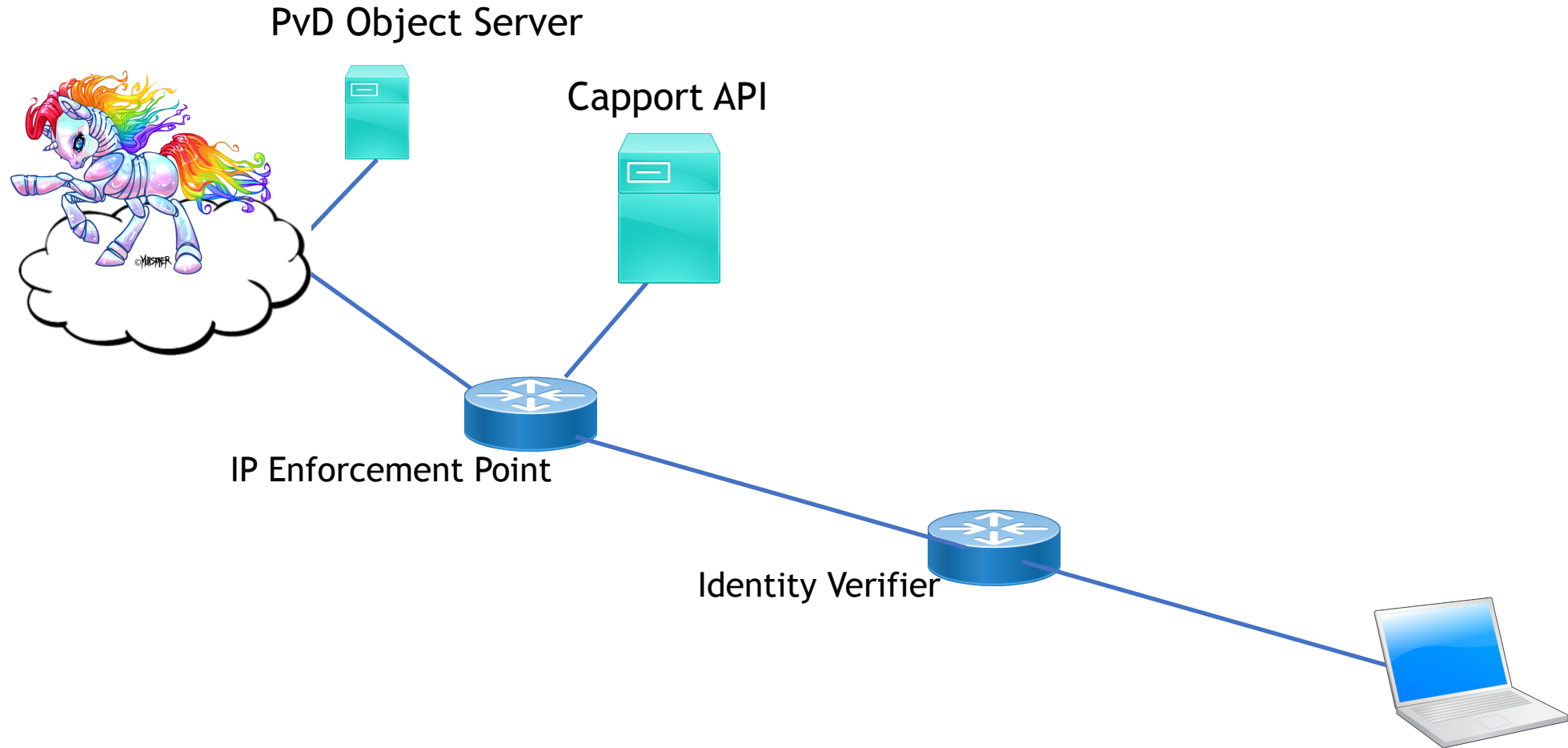




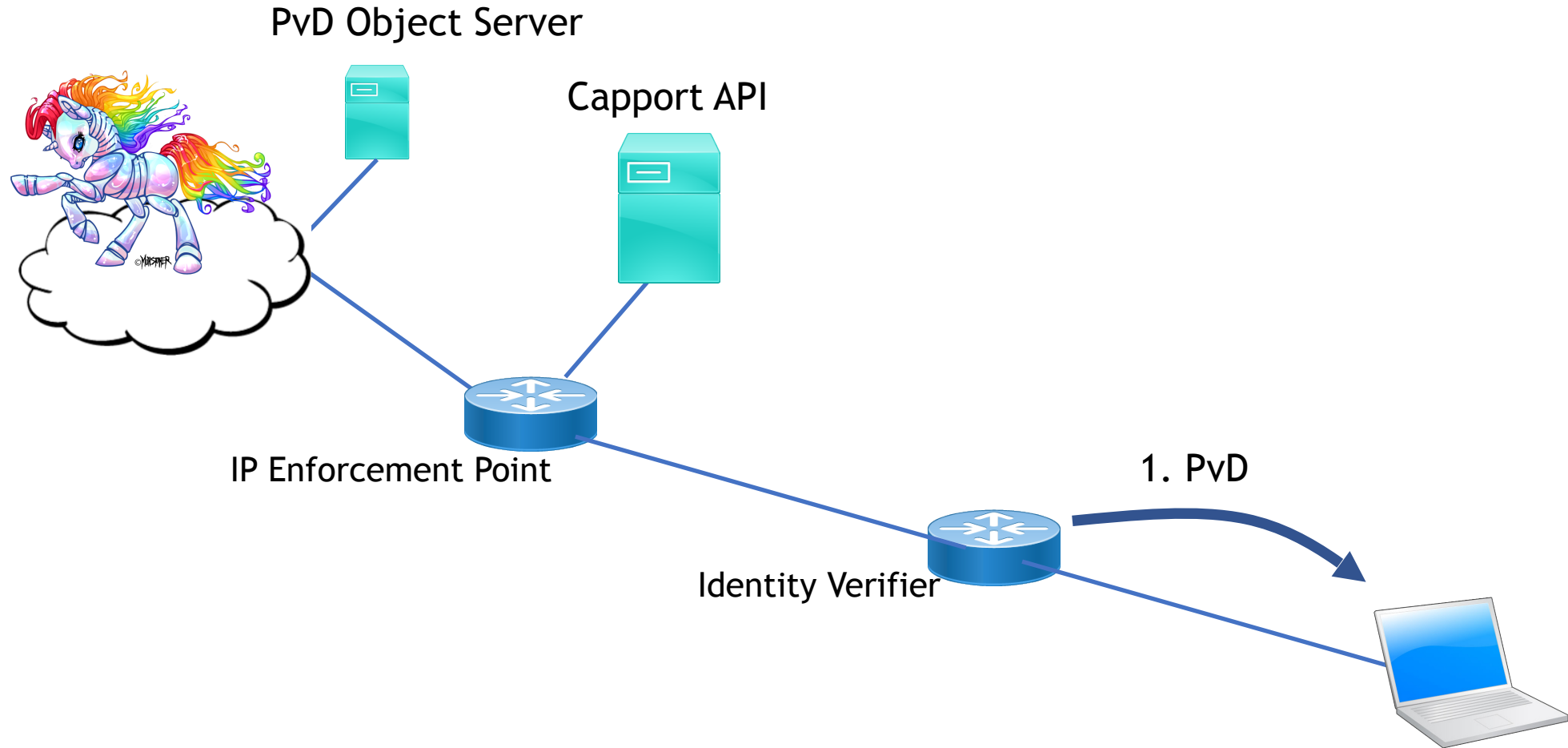
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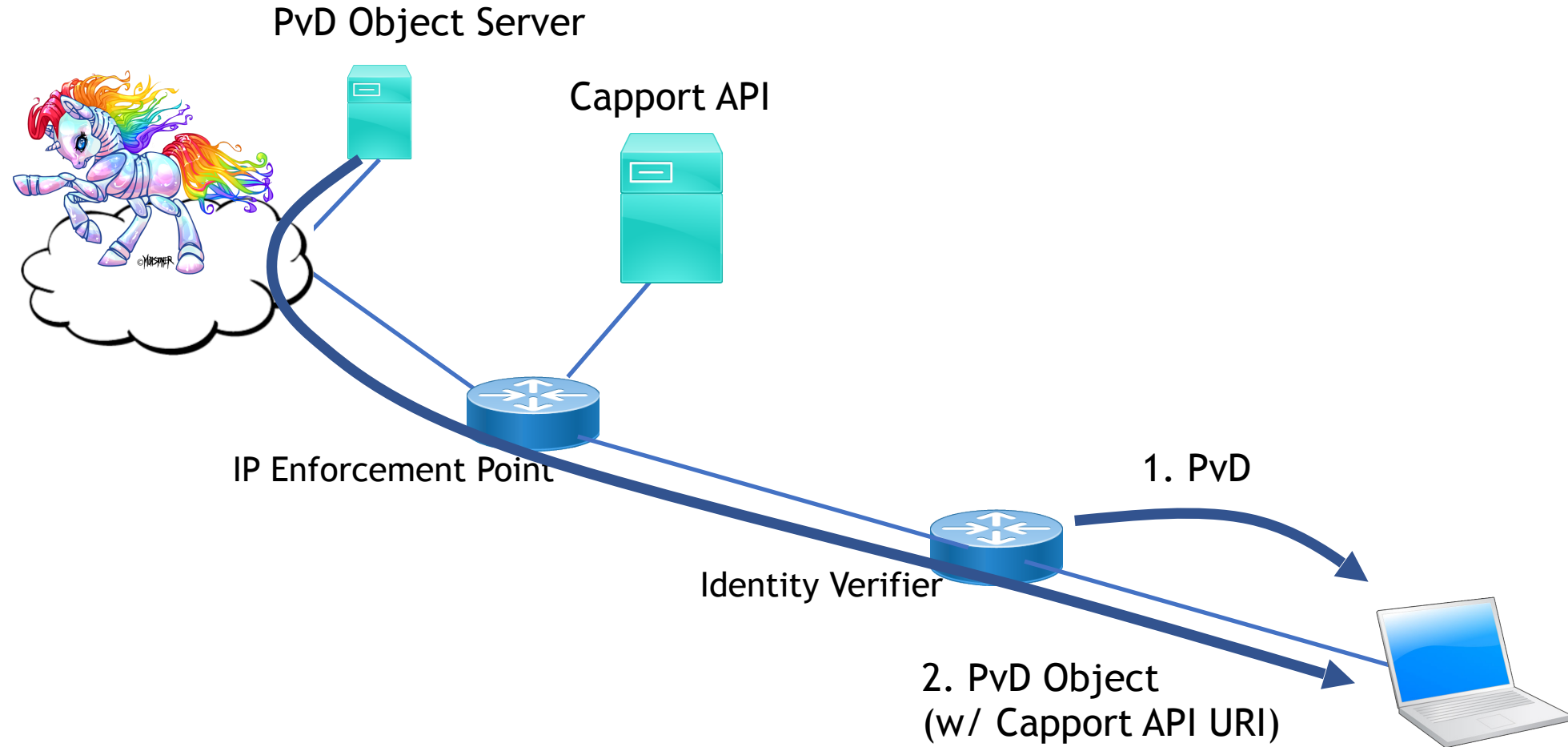
# Captive portals with PvD



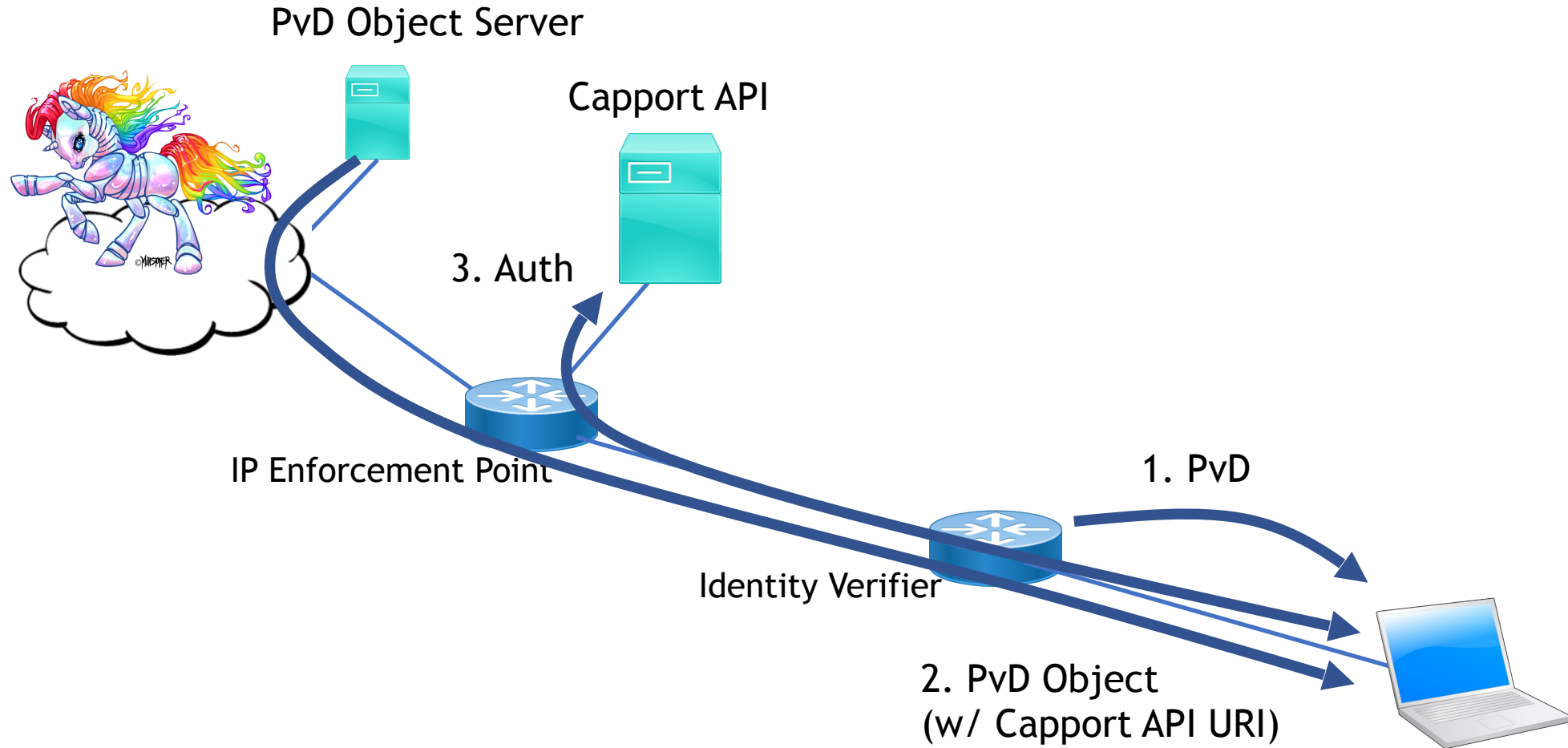
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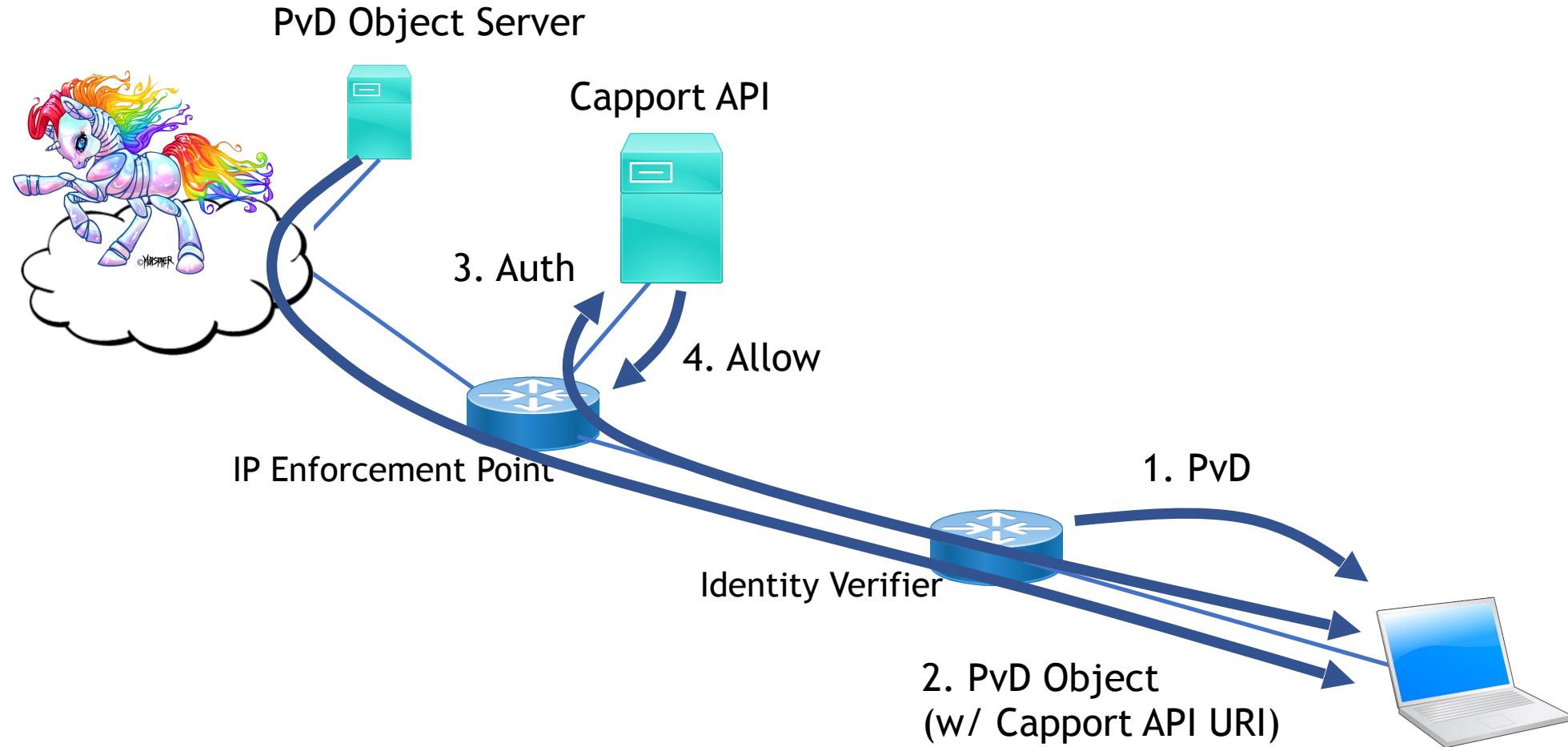


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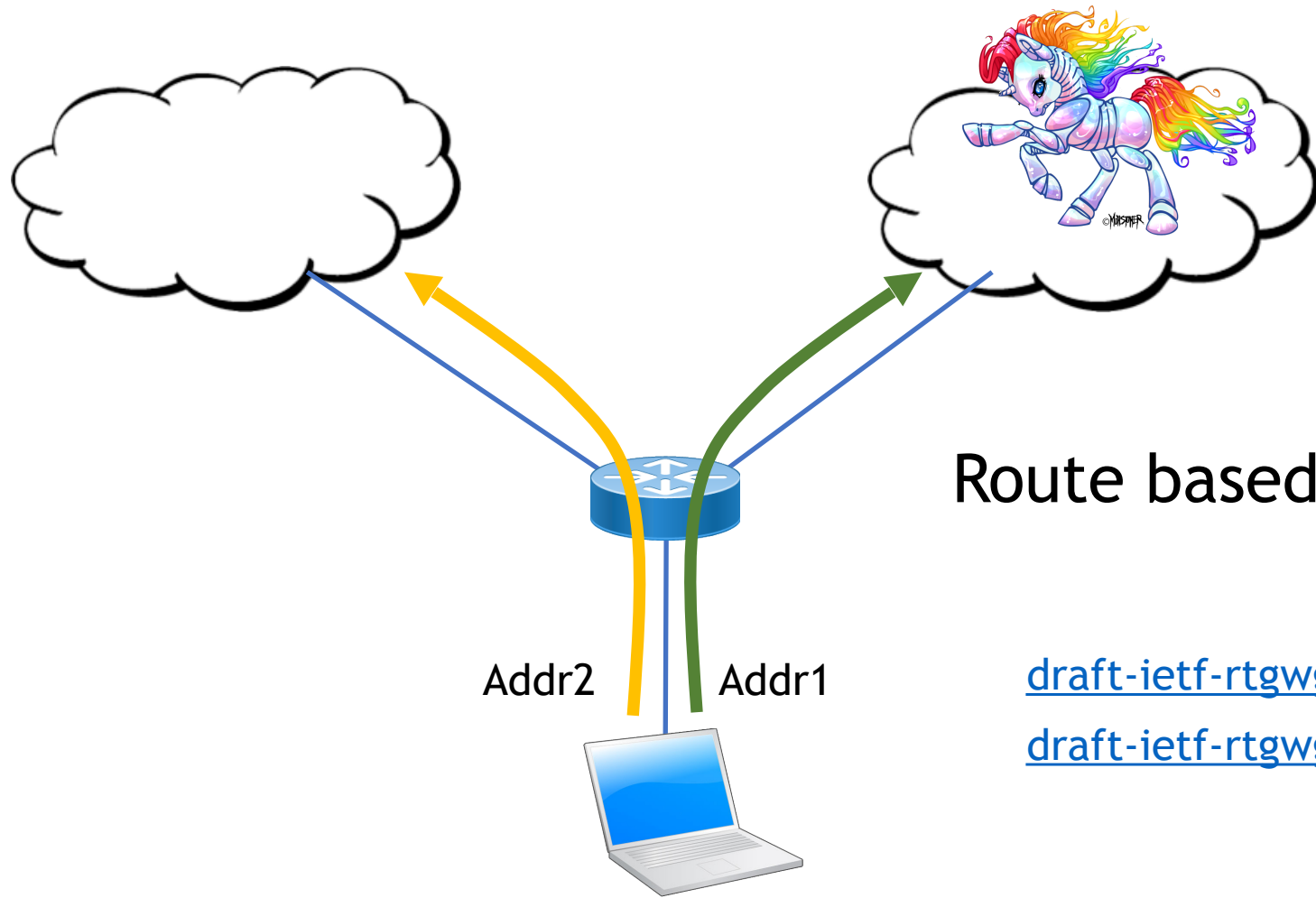




# Captive portals with PvD



# Source Address Dependent Routing (SADR) a.k.a. multihoming without N\*Ts



Route based on **dst** and **src** address

[draft-ietf-rtgwg-dst-src-routing-06](#)

[draft-ietf-rtgwg-enterprise-pa-multihoming-02](#)

# This Hackathon

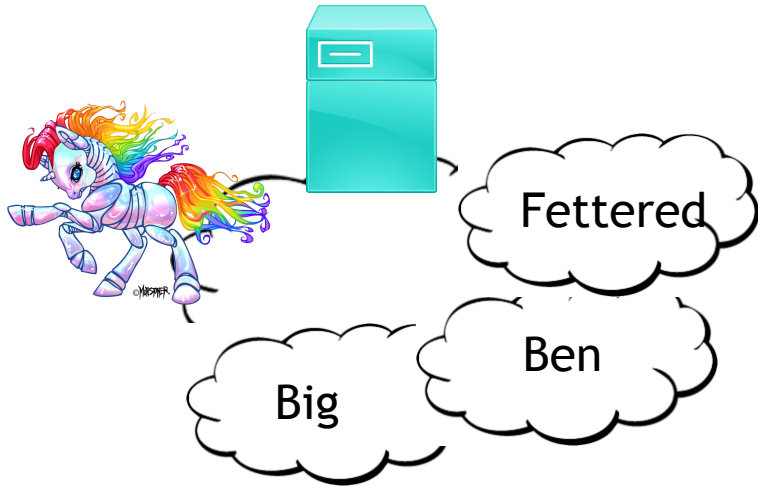
## Complete test topology and interop.



# This Hackathon

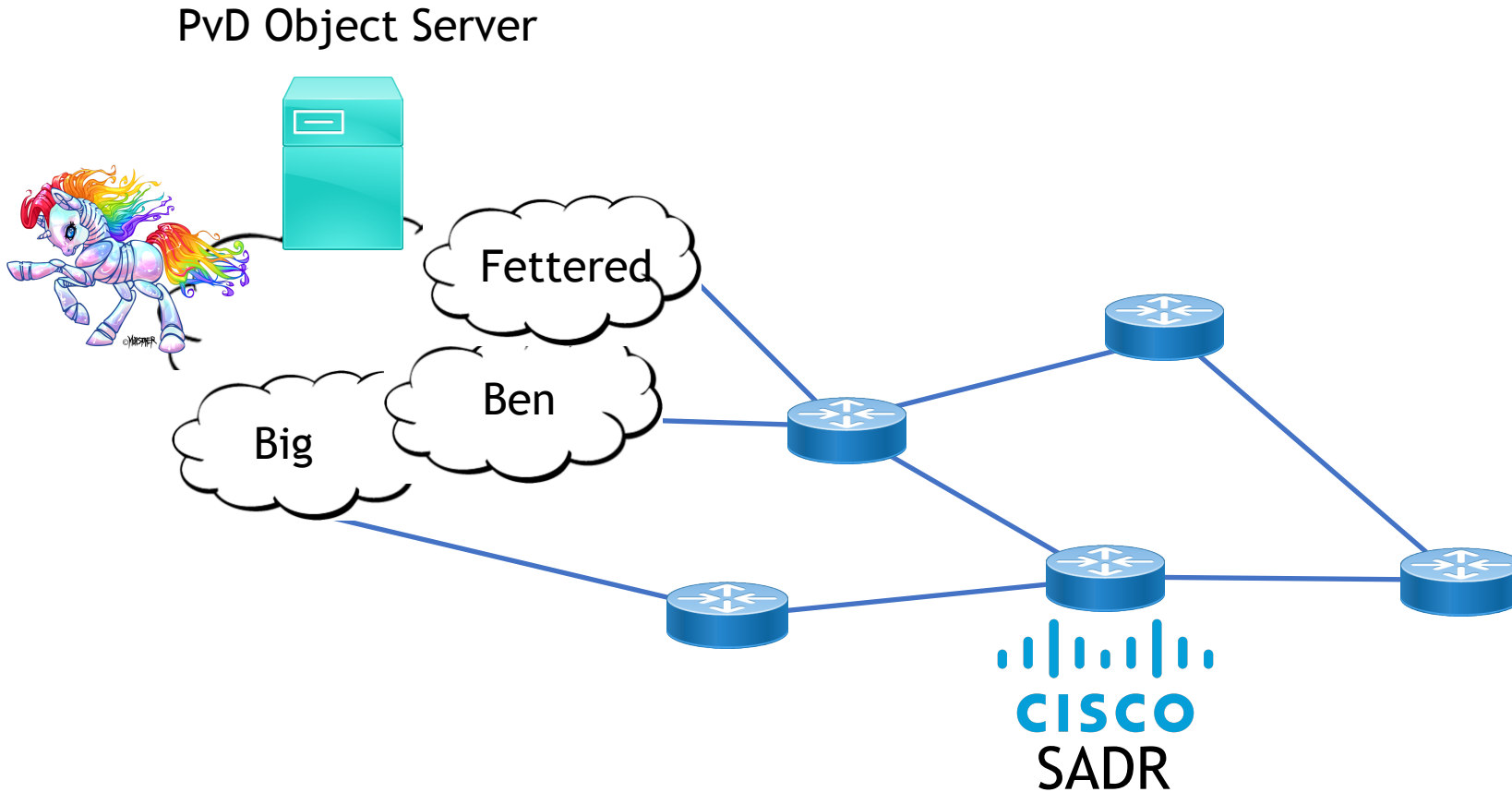
## Complete test topology and interop.

PvD Object Server



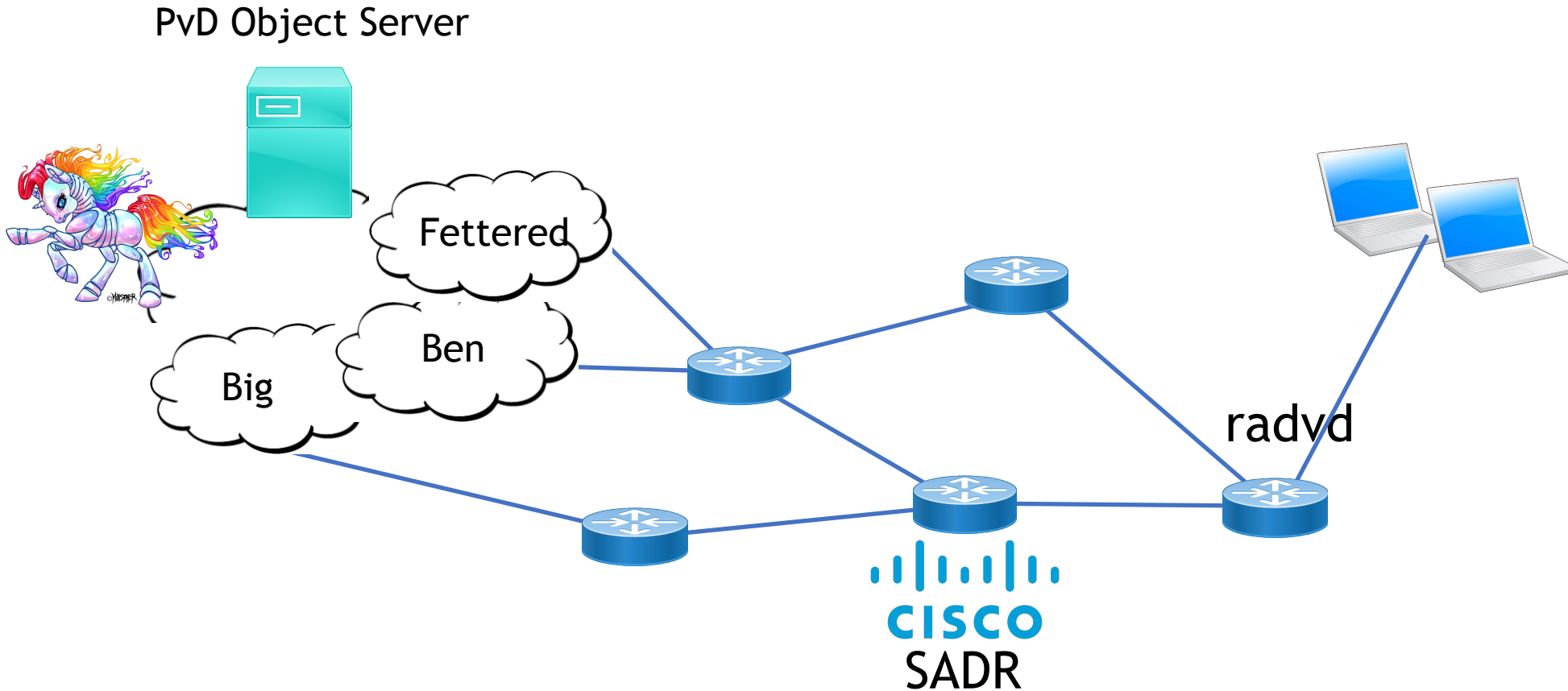
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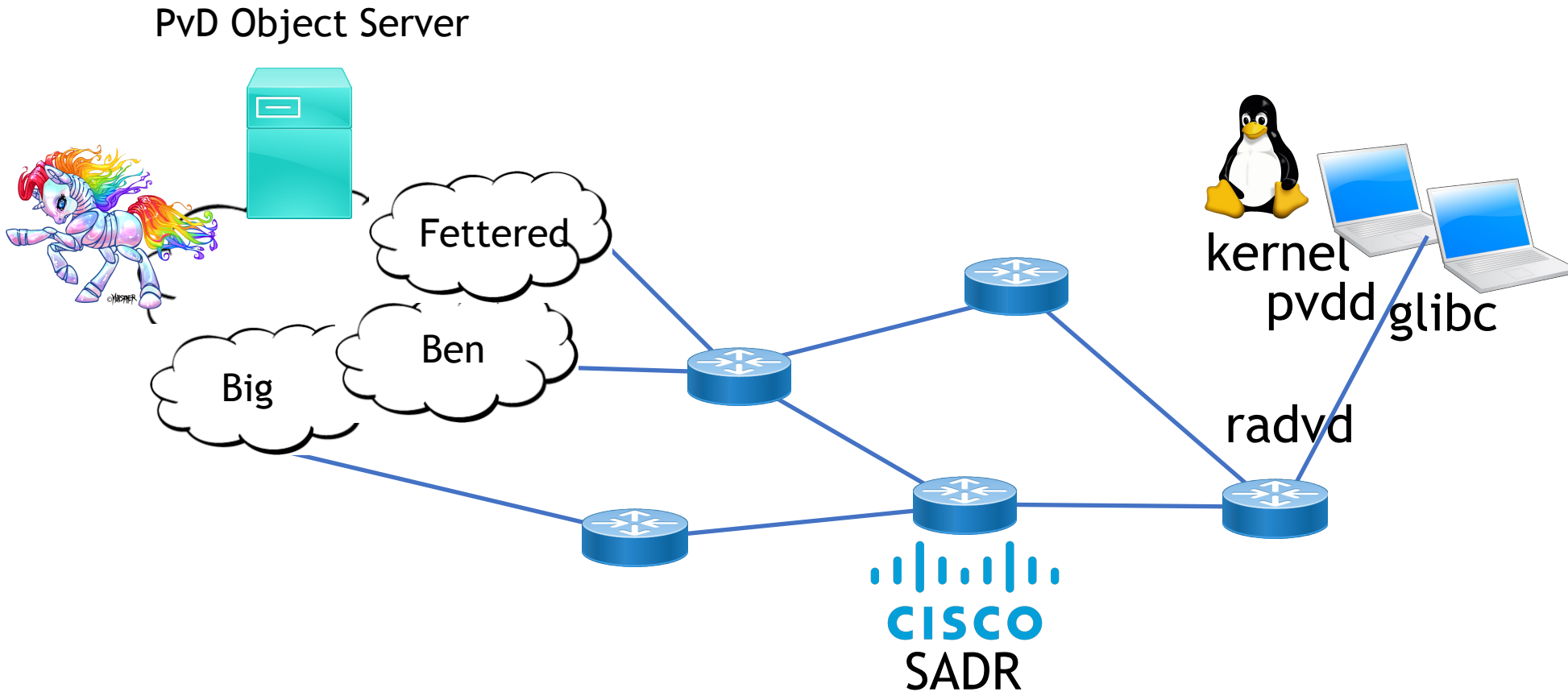
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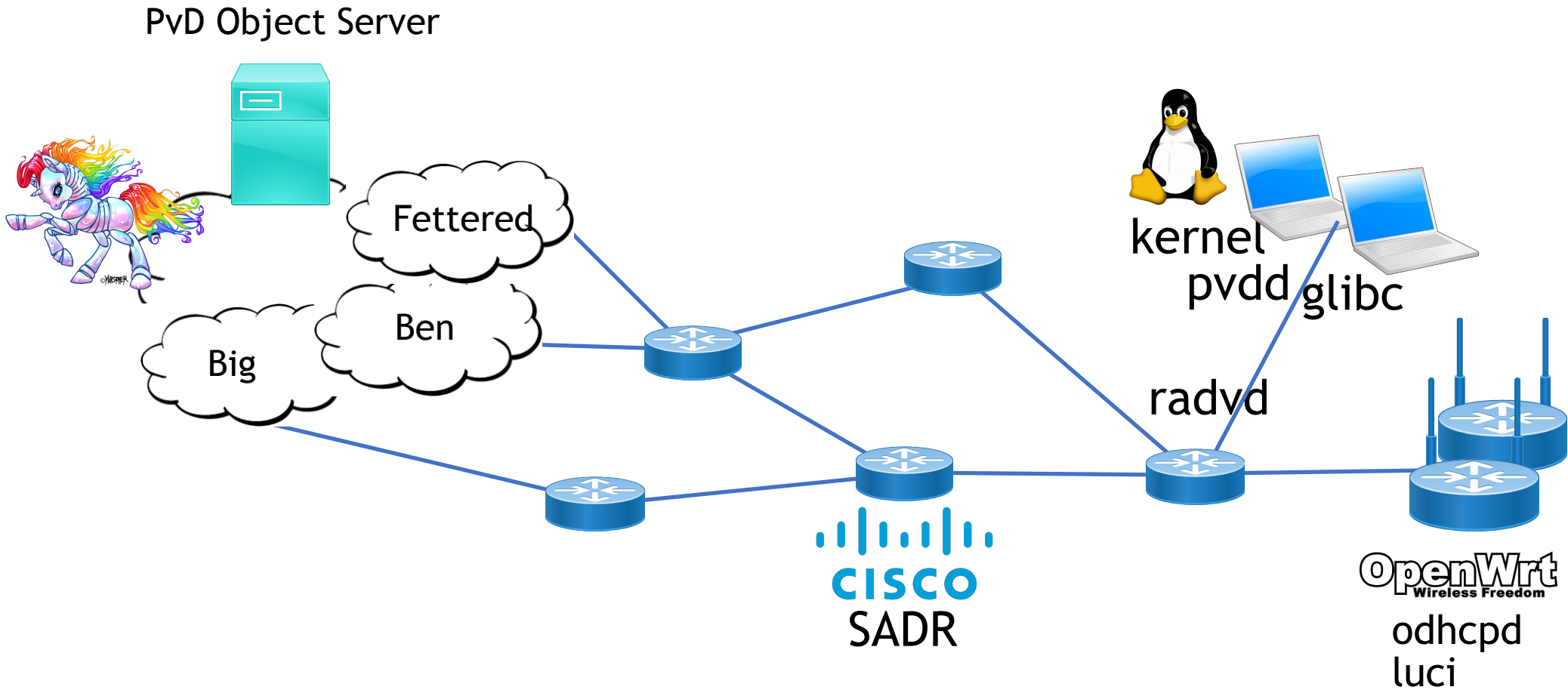
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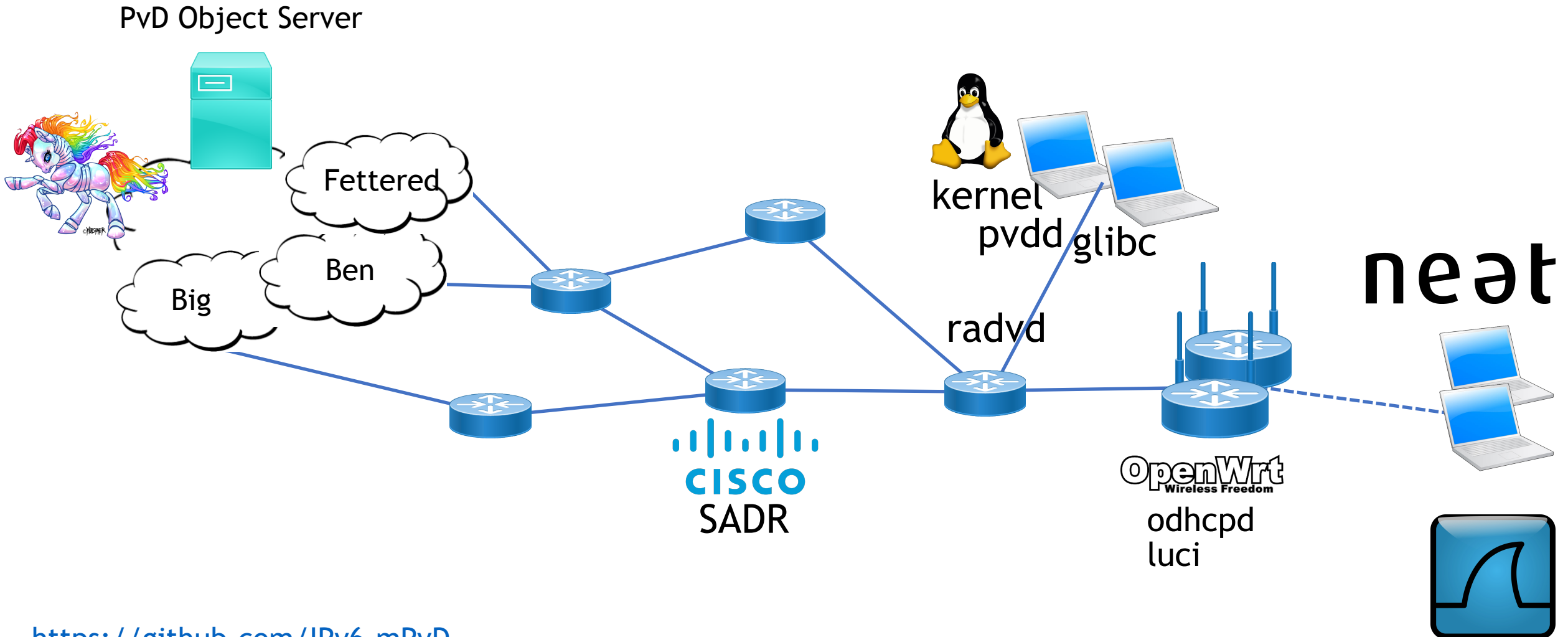
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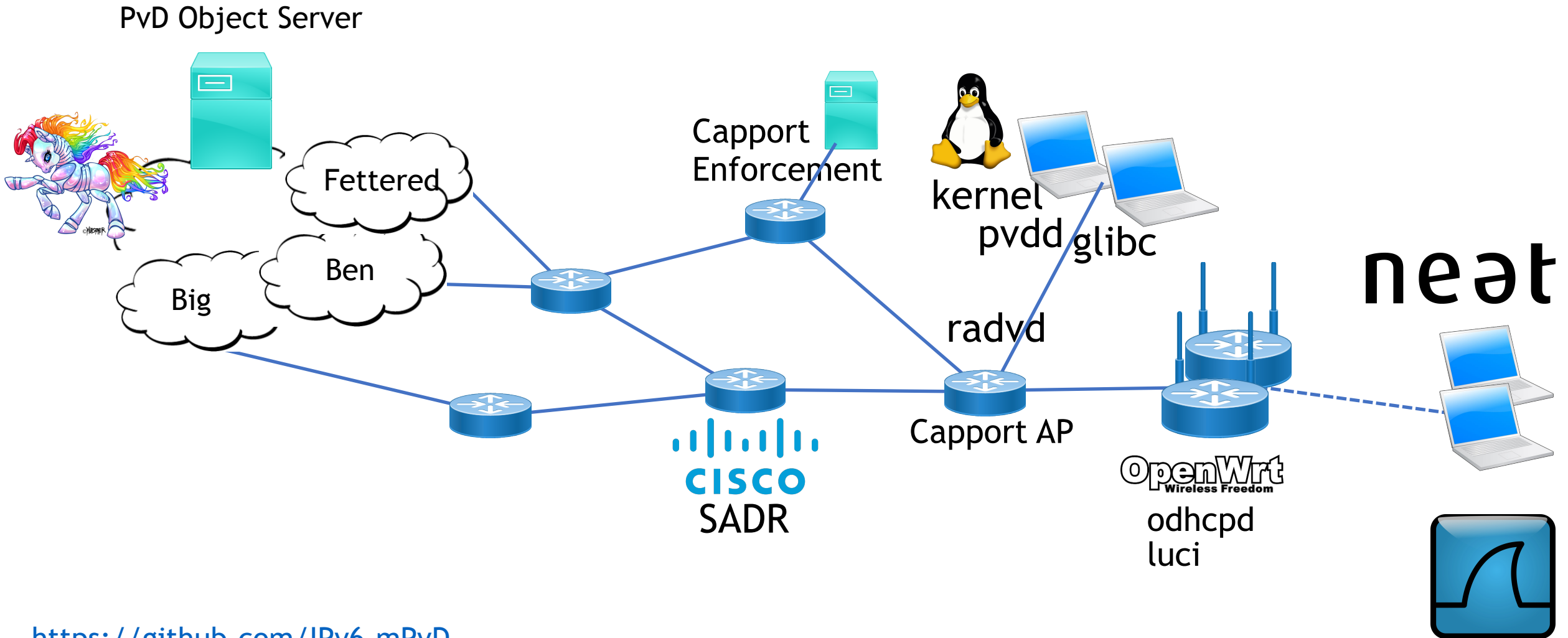
# This Hackathon

## Complete test topology and interop.



# This Hackathon

## Complete test topology and interop.



# Thanks !

## Drafts

[draft-ietf-intarea-provisioning-domains-01](#)

[draft-ietf-rtgwg-dst-src-routing-06](#)

[draft-ietf-rtgwg-enterprise-pa-multihoming-02](#)

[draft-ietf-capport-architecture-01](#)

## Running Code

<https://github.com/IPv6-mPvD>

<https://www.neat-project.org>