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San Francisco & Digital | June 6 – 9

TRANSFORM

SESSION ID: **HT-R05**

Token Theft: Hip Kids Are Doing It

Now what are we going to do about it?

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@AnnaBarh

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Token Theft:
All the Hip Kids Are Doing It.

Now What Are We Going to Do About It?


#RSAC
ADMIT ONE


STARBOT
CAFE


TICKETS
SEASON PASS
Welcome To
Since 1920
Wonder Wheel $7.00
Spook-a-Rama $7.00
Thunderbolt $7.00
Bumper Cars $7.00
Scrambler $6.00
Thank you and Have fun!
SPECIAL
5 Tickets $30.00

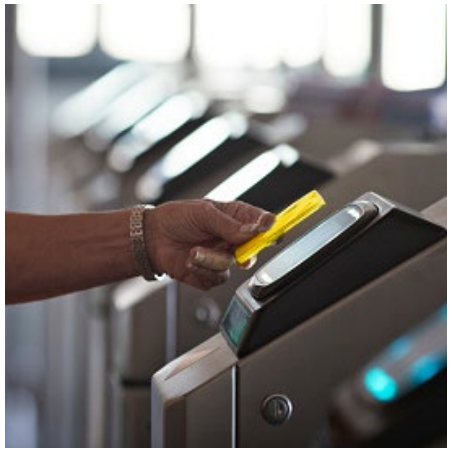

SEASON PASS


DUPONT
Goodwrench

County Fair SSO

Resource / Workload

Access Token



Refresh Token

Identity Provider

Client / Browser

Credentials

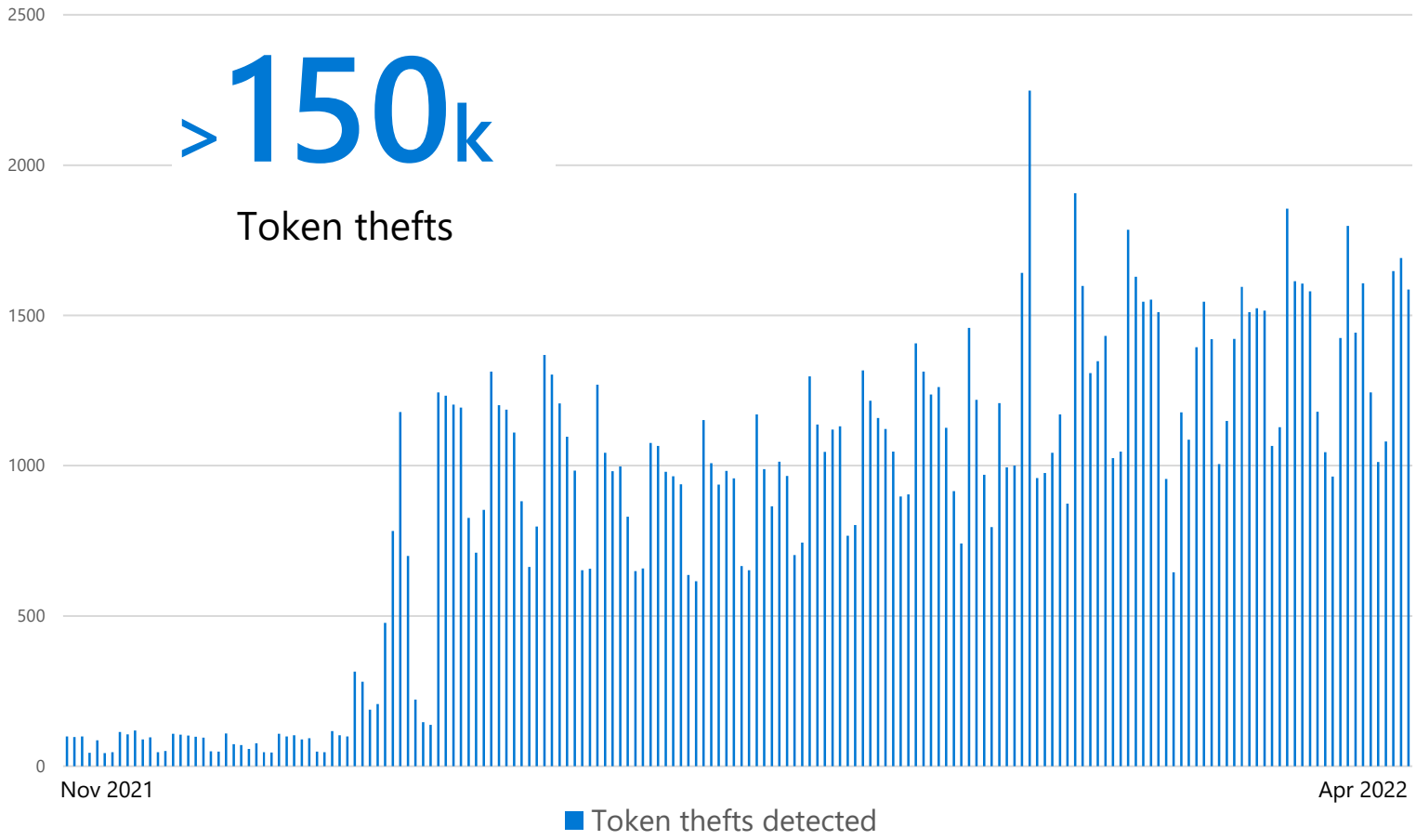
Token Theft:
The Mugged Guest


TOKEN


SEASON PA


SECRET PASSWORD:
1LOV3COTT3NCANDY

Detected in the last six months:



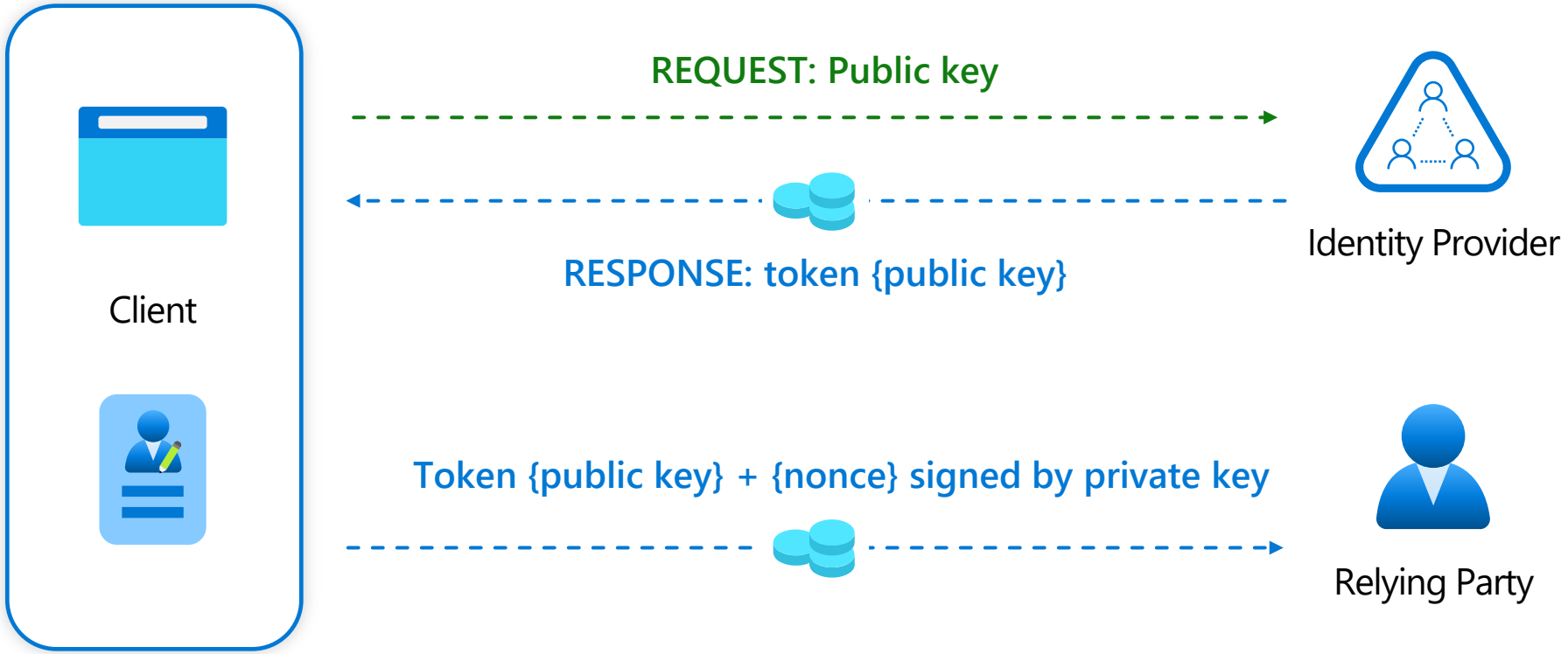
>1.7M

Device malware infections


7082
PRESENT TICKET

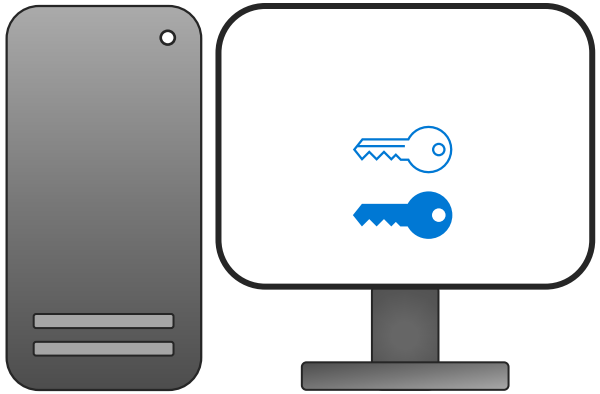
A Bit of History

It is a simple protocol!



Let's try it…

We established that it is a simple protocol – *So let's implement it!*



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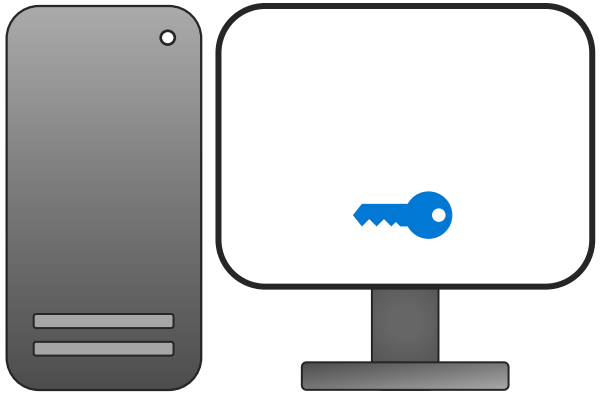

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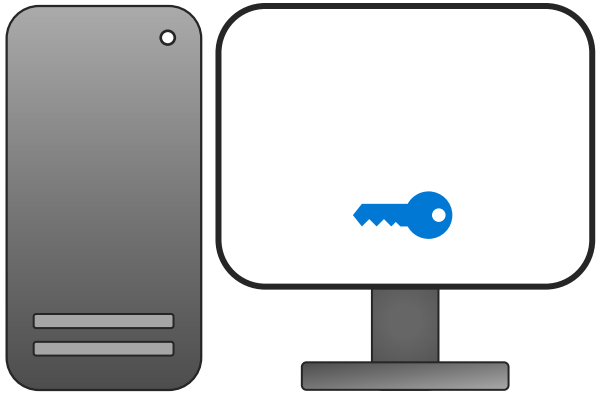

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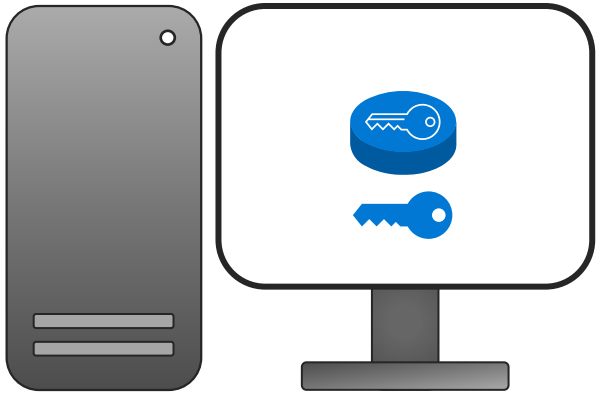
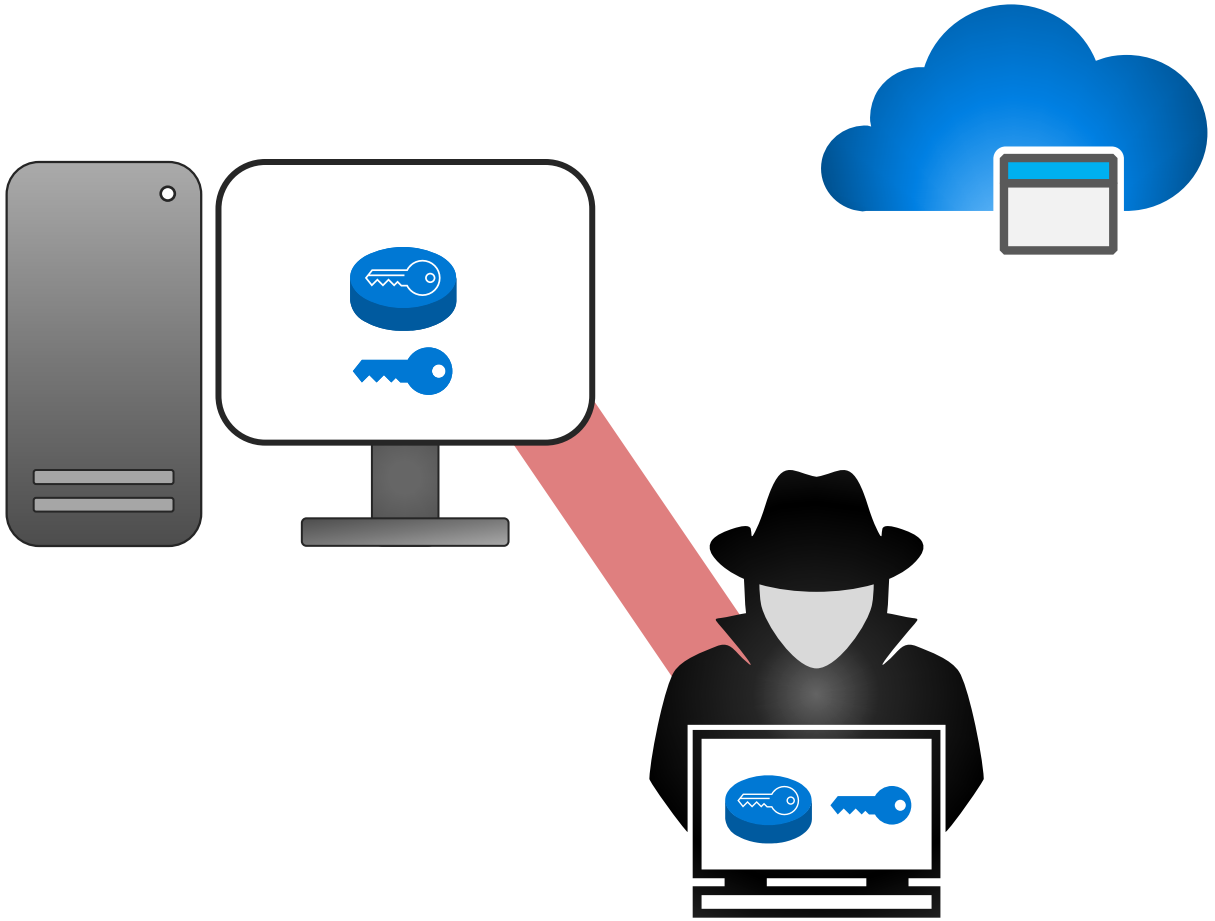


Oh, but there is a problem . . .



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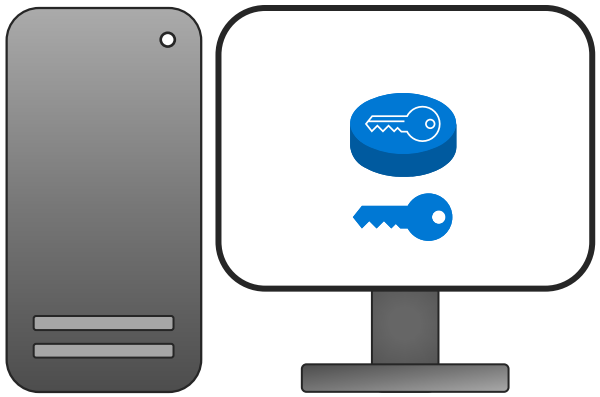
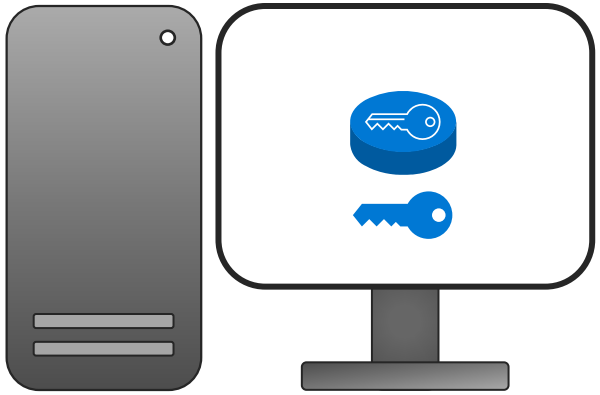
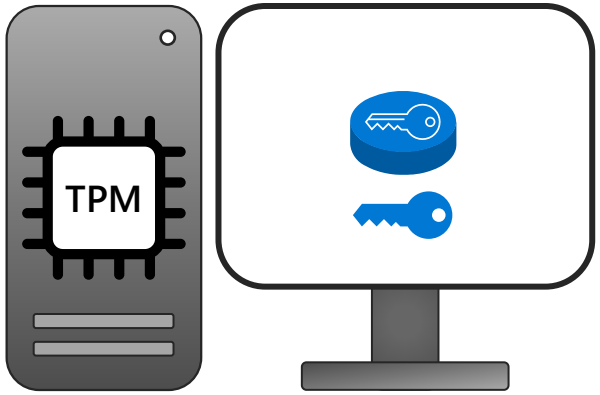


We can solve it



We can solve it

We will store it in hardware



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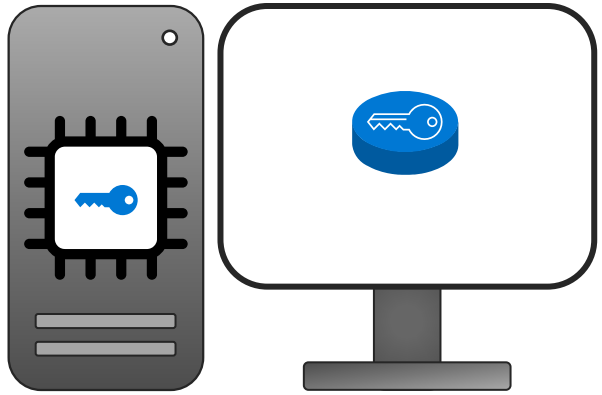

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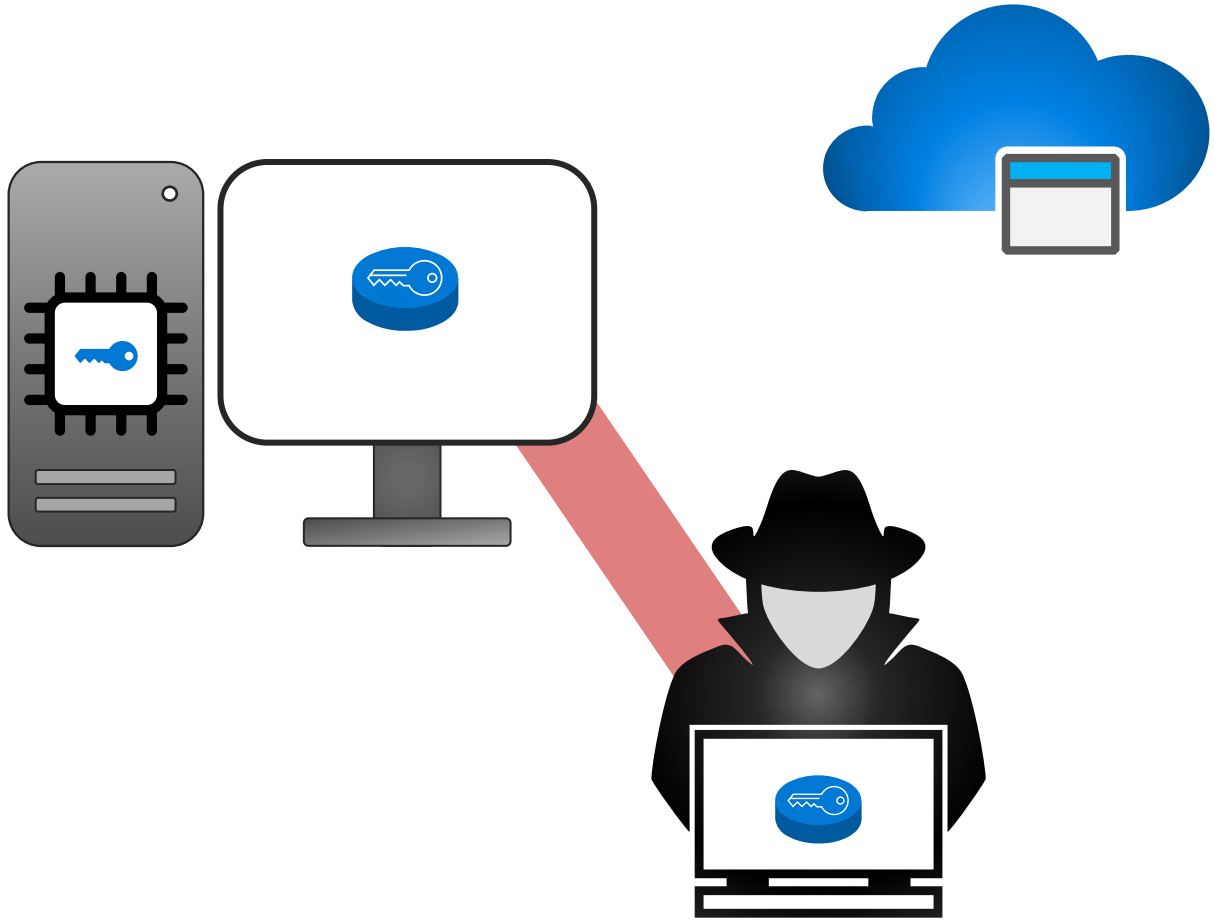

The problem with your face

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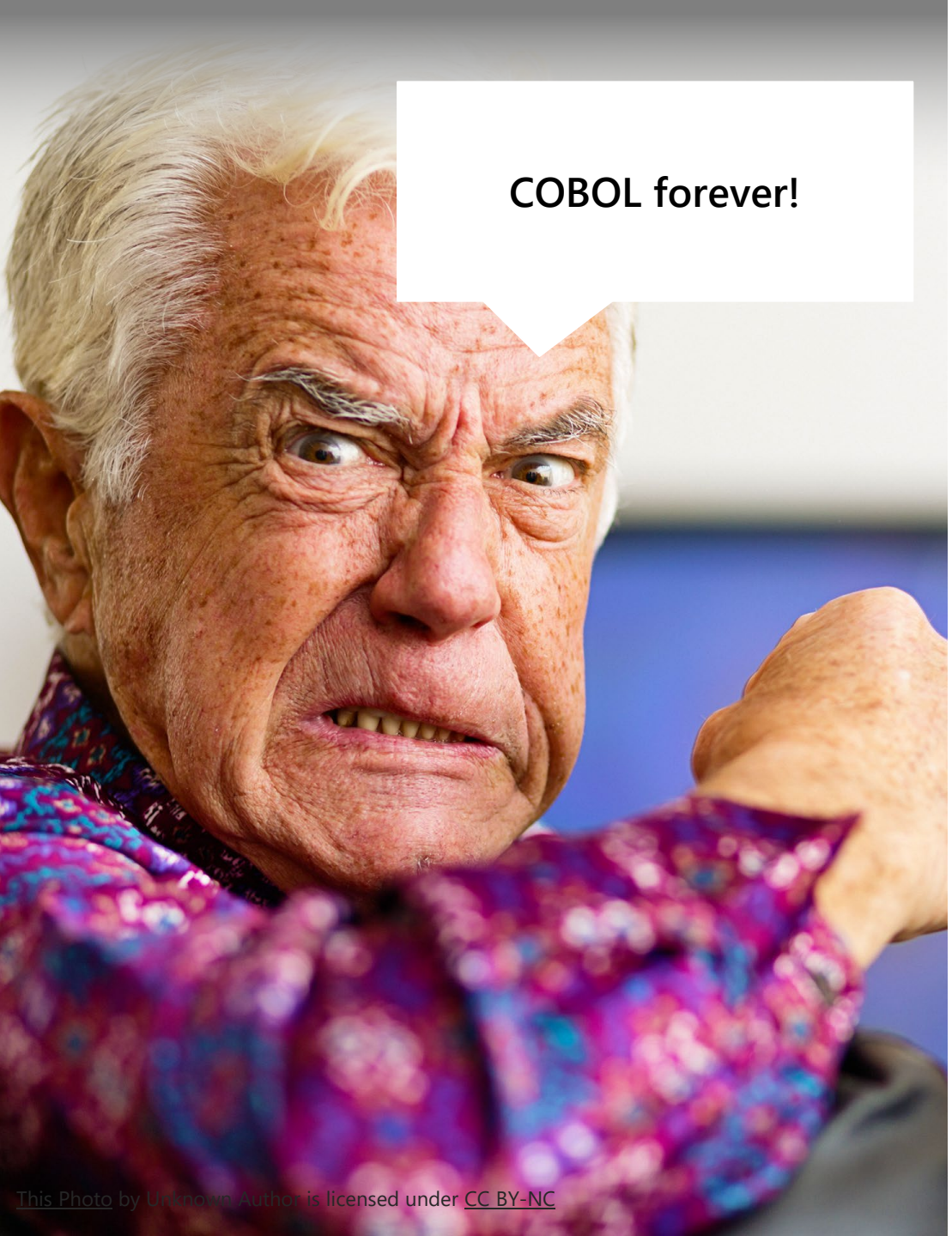
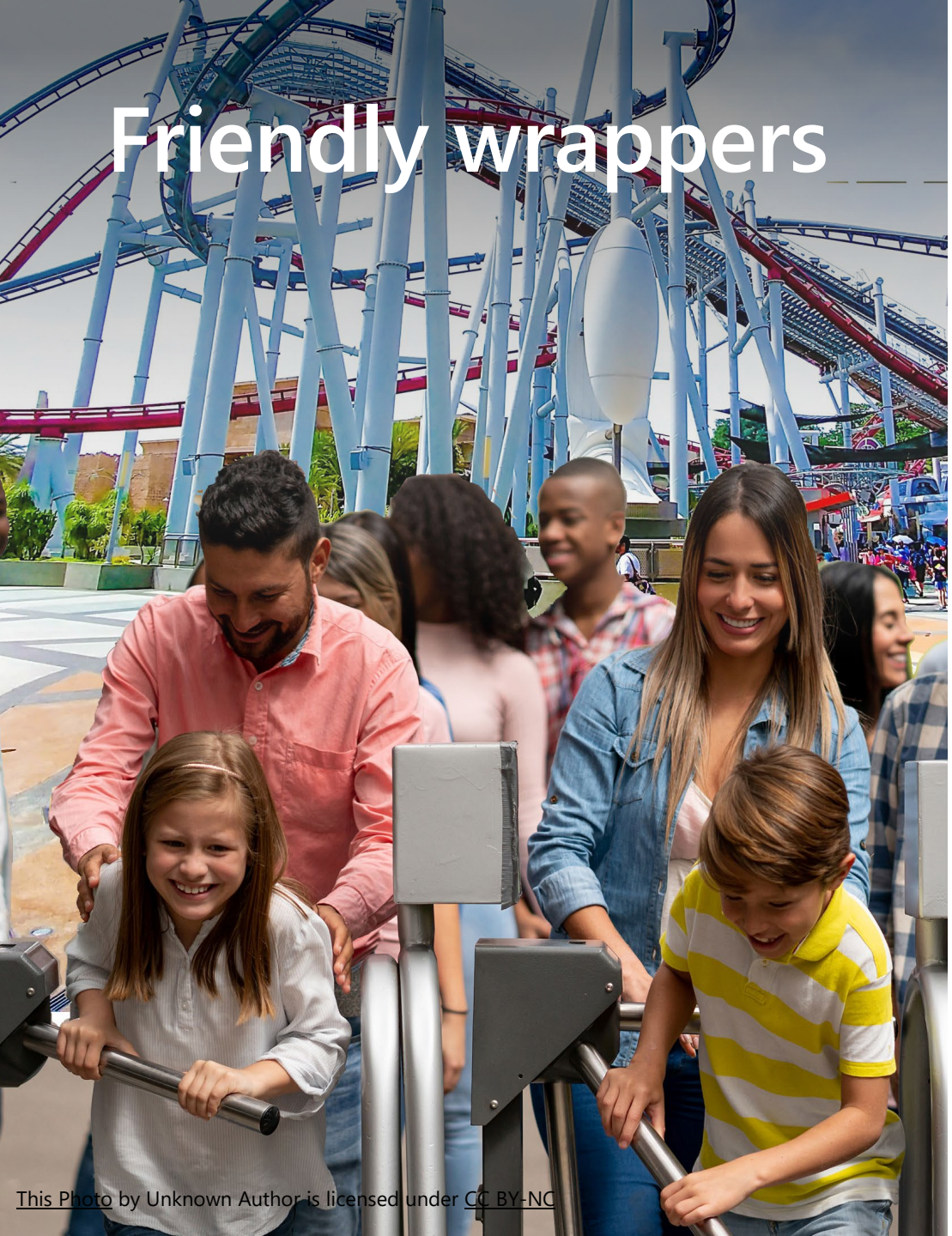
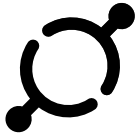


3.5M+

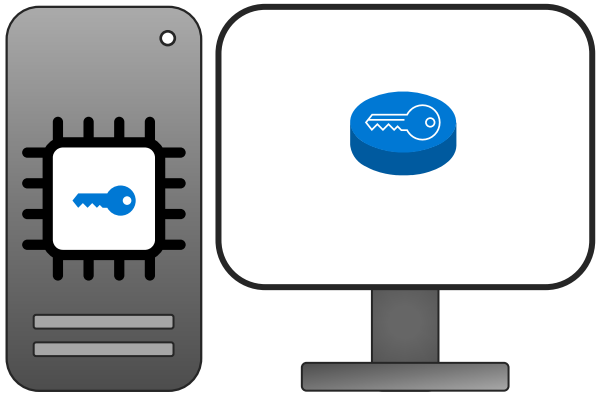
applications

Friendly wrappers

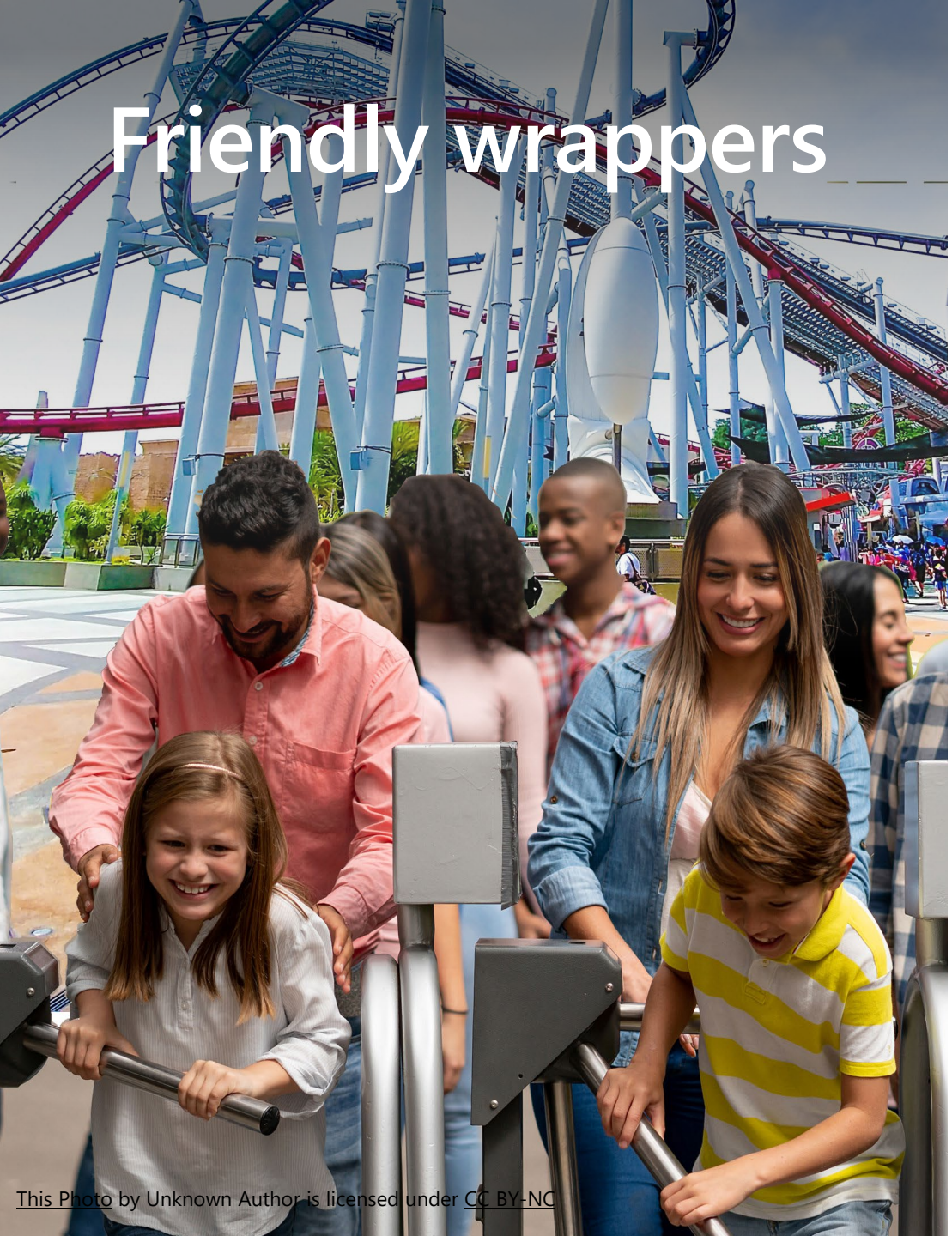


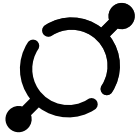


Zero Trust Network Access Proxy



Friendly wrappers





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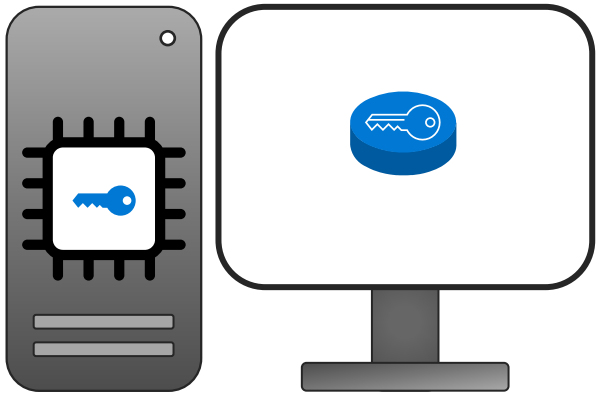
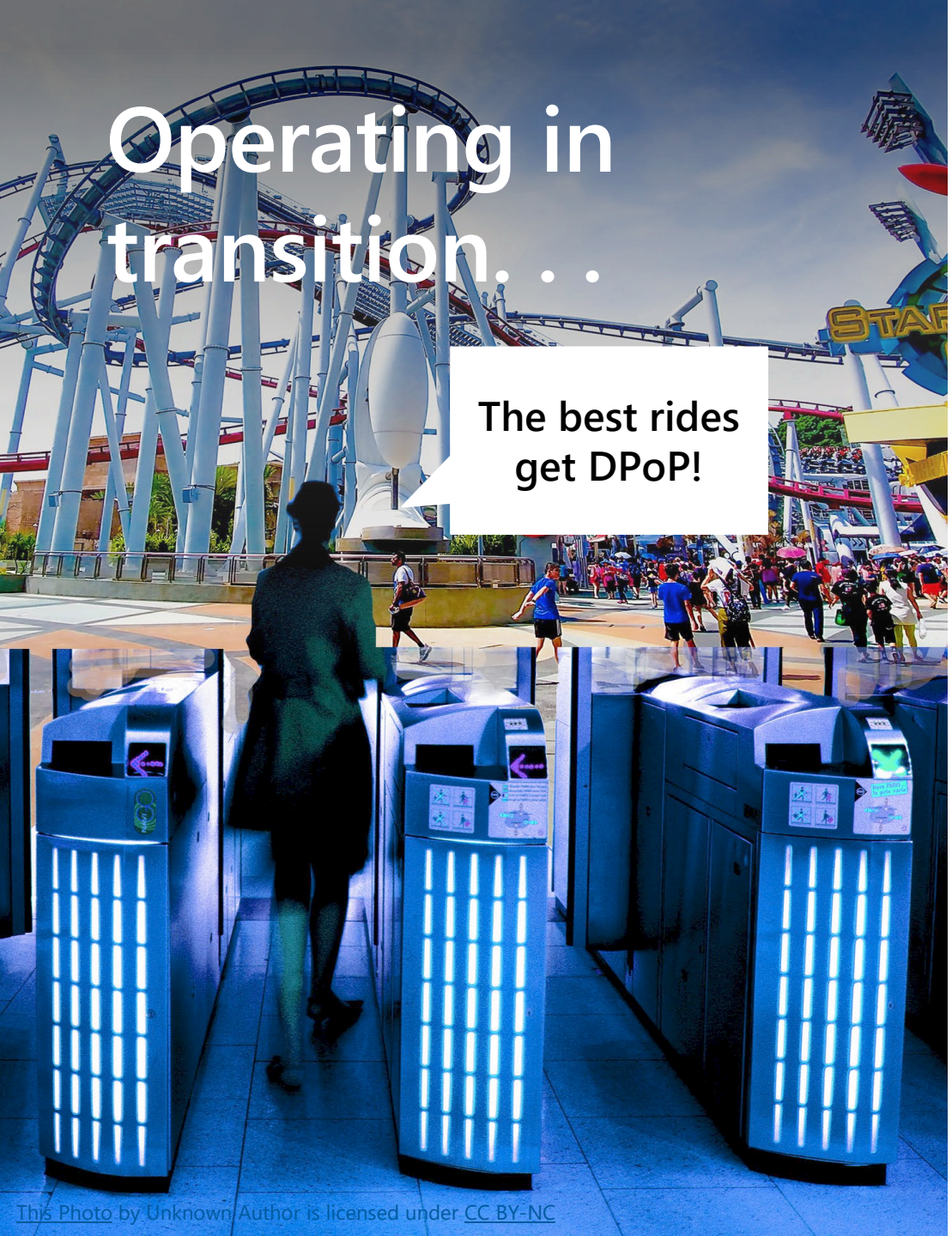
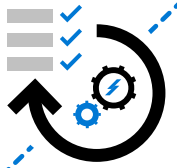


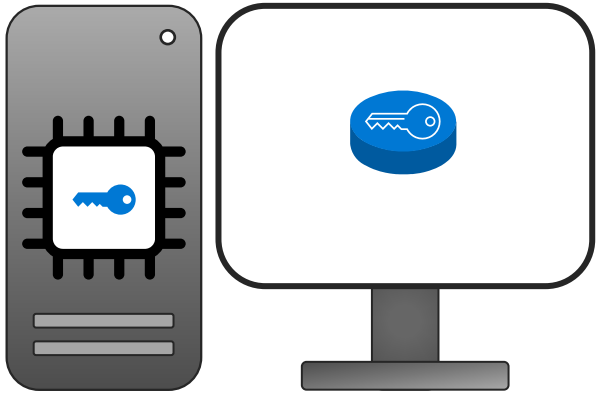
Operating in transition. . .

The best rides get DPoP!





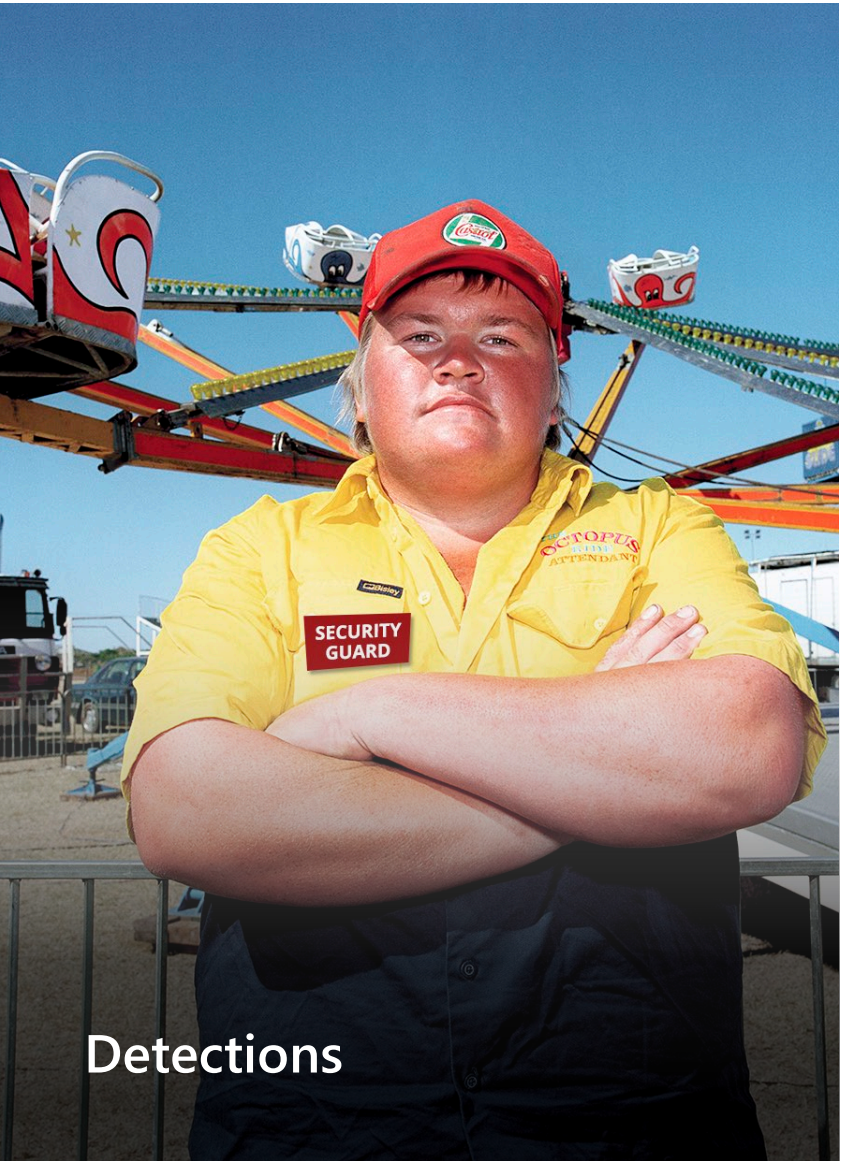
Context Aware Policy Engine



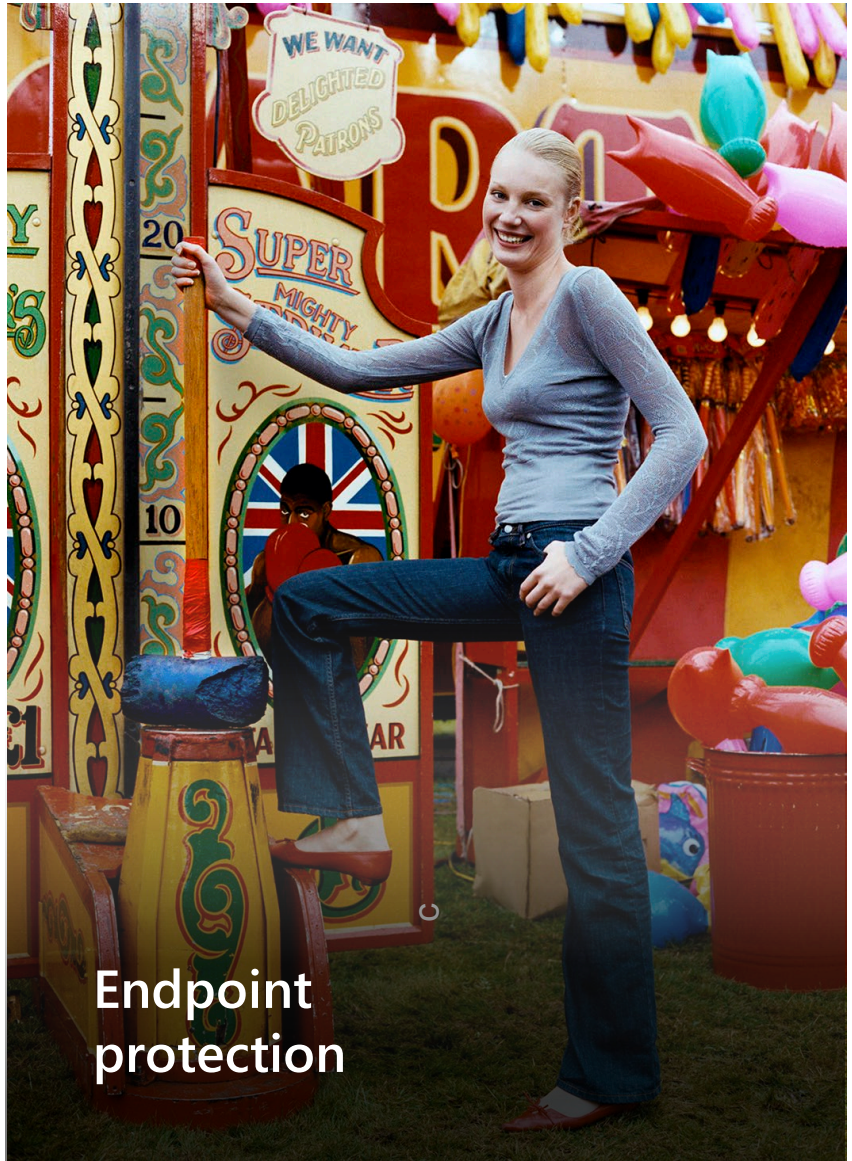
Resident Malware

Resident malware can piggyback on legitimate requests – but DPoP forces malware to stay active (making it much more detectable).

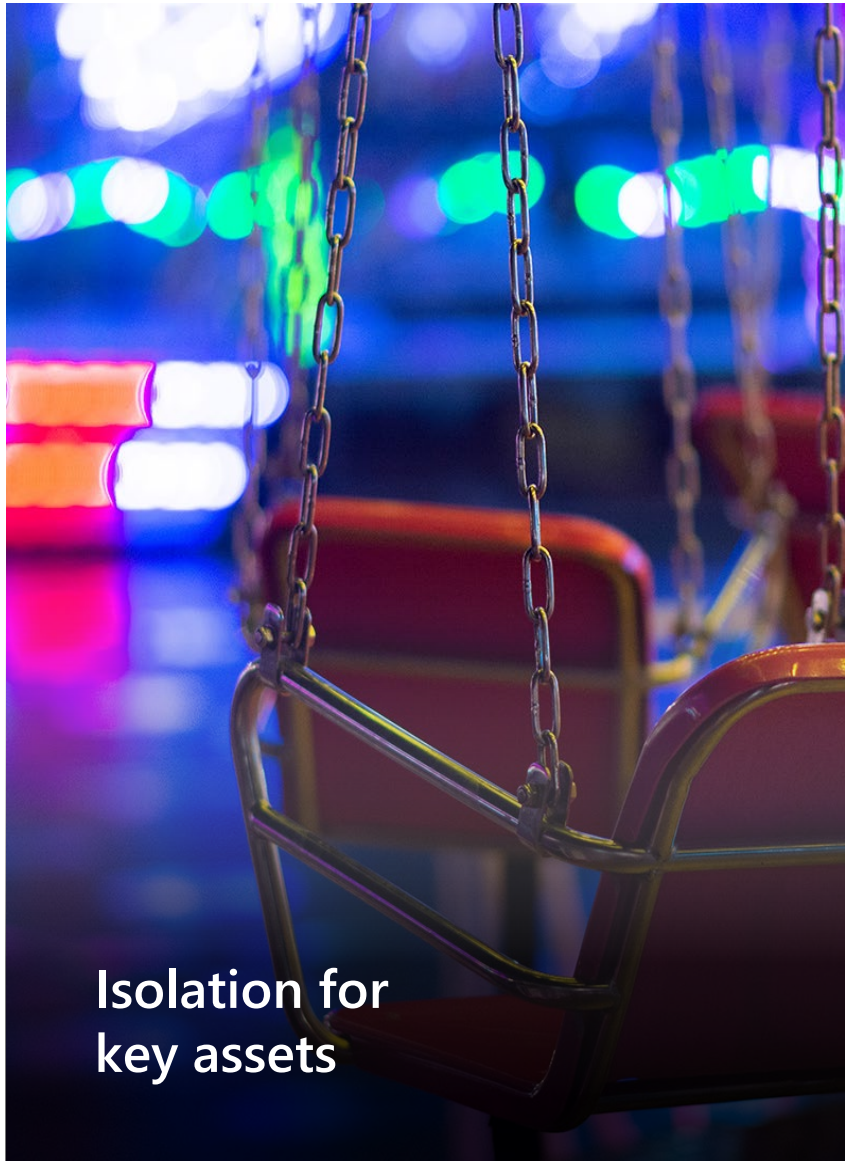
What do we do in the meantime?



Detections



Endpoint protection



Isolation for key assets

DPoP is the solution for token theft

RSAConference2022

Thank you

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