



Bring your own device TECH

2011-11-10

John Burman

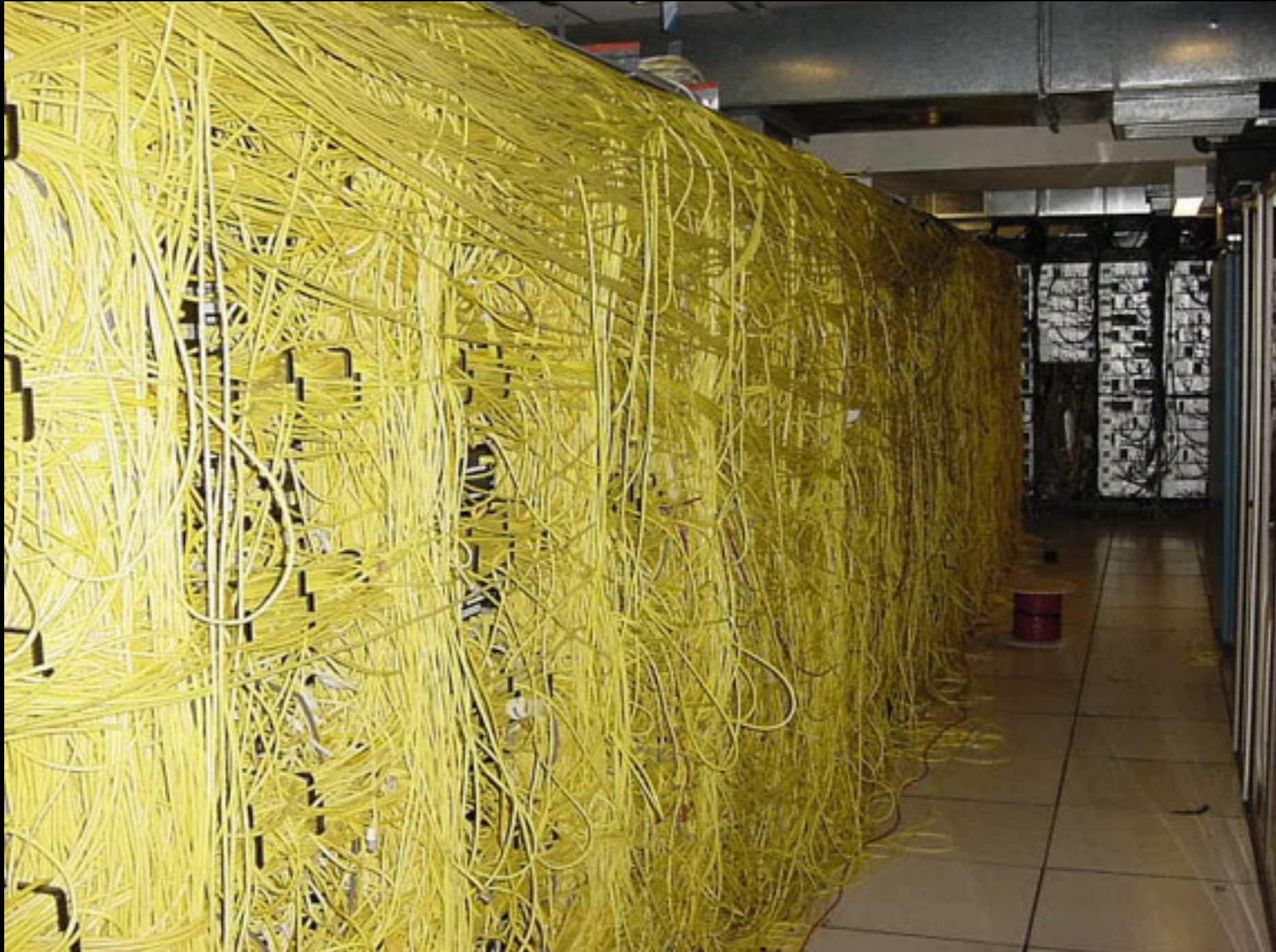
www.nordicedge.se



Unexpected incidents



Control of the situation?



Simple, everything is documented!



**Consider
the whole picture...**

Where are we? And where are we going?



Internet

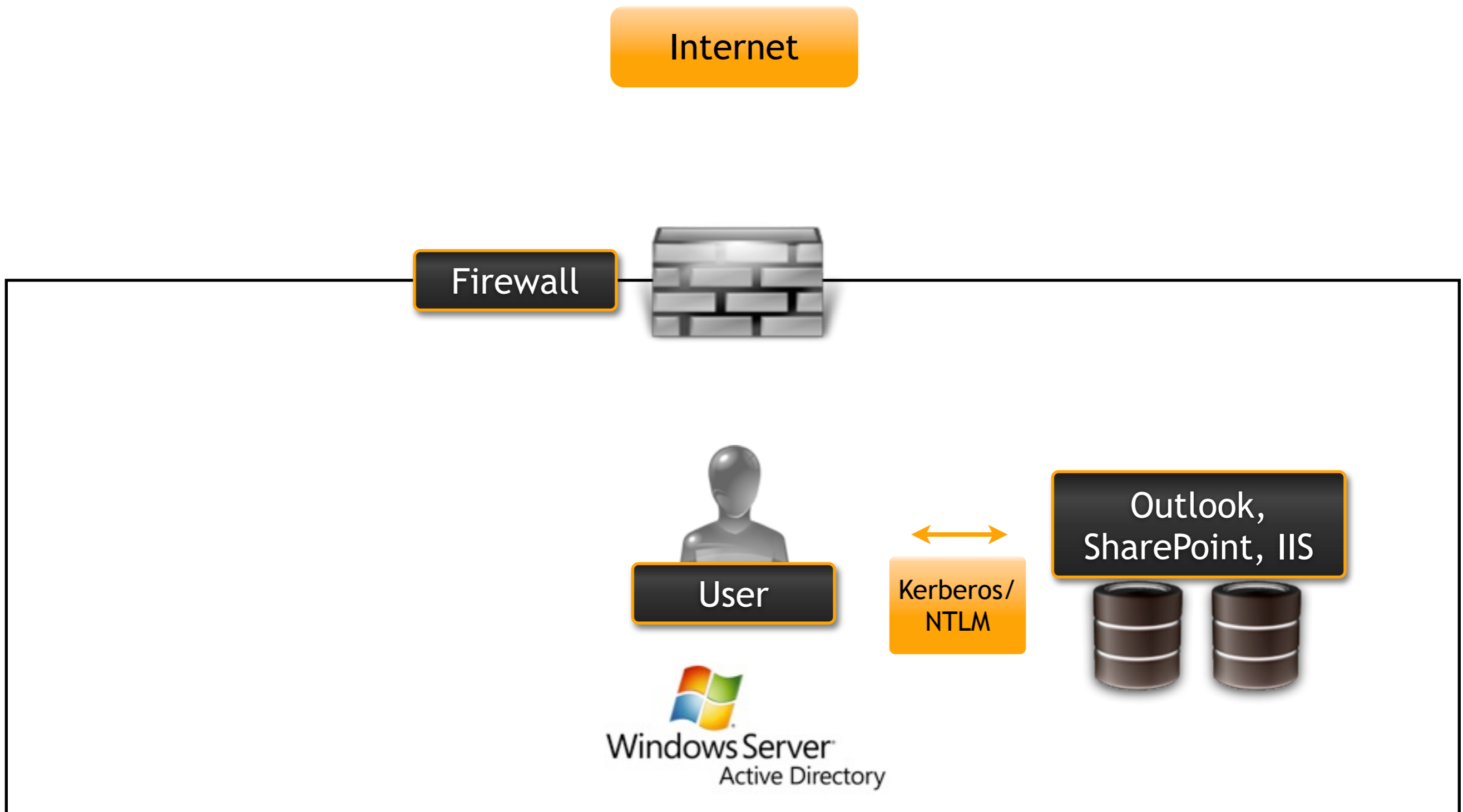
Firewall



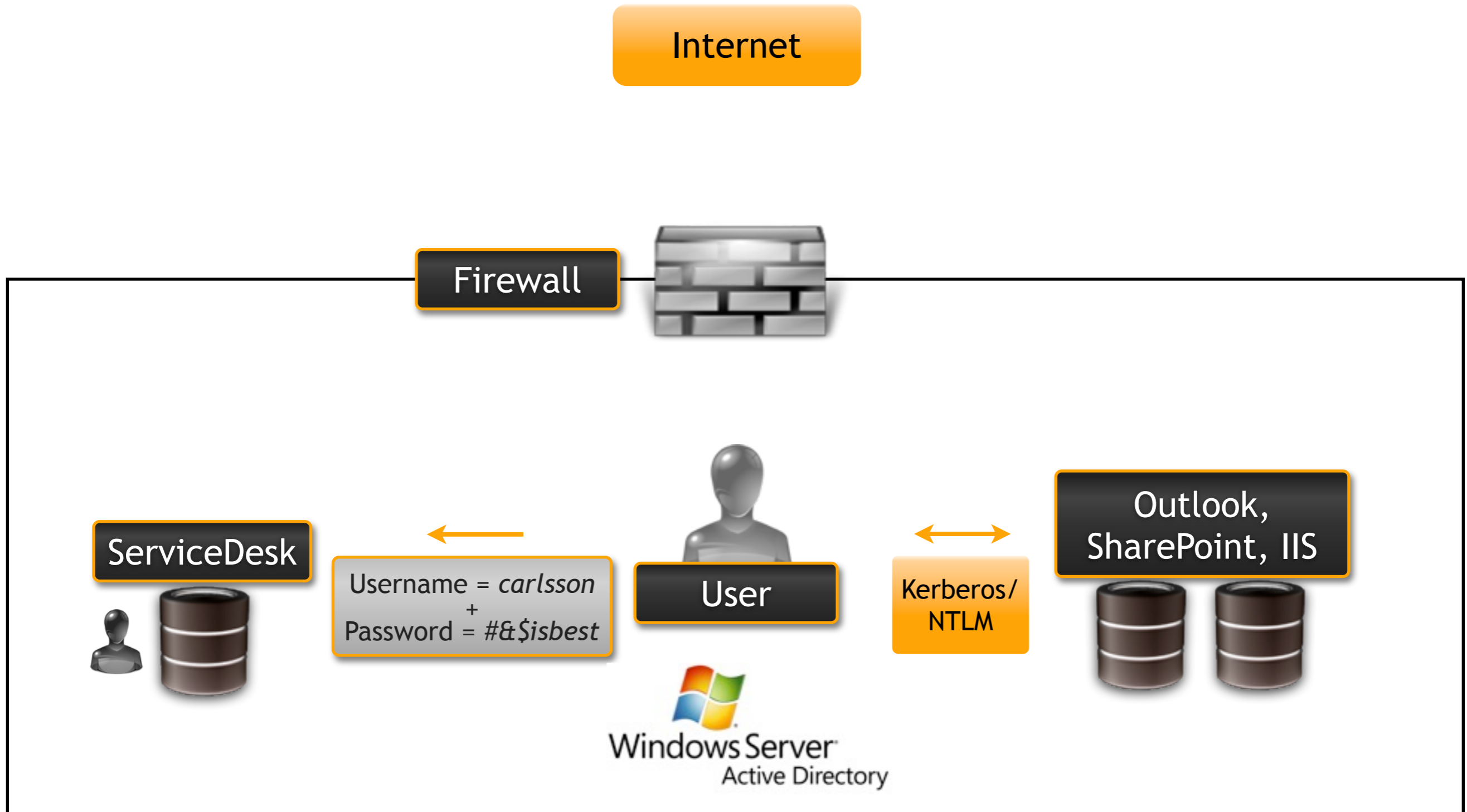
User



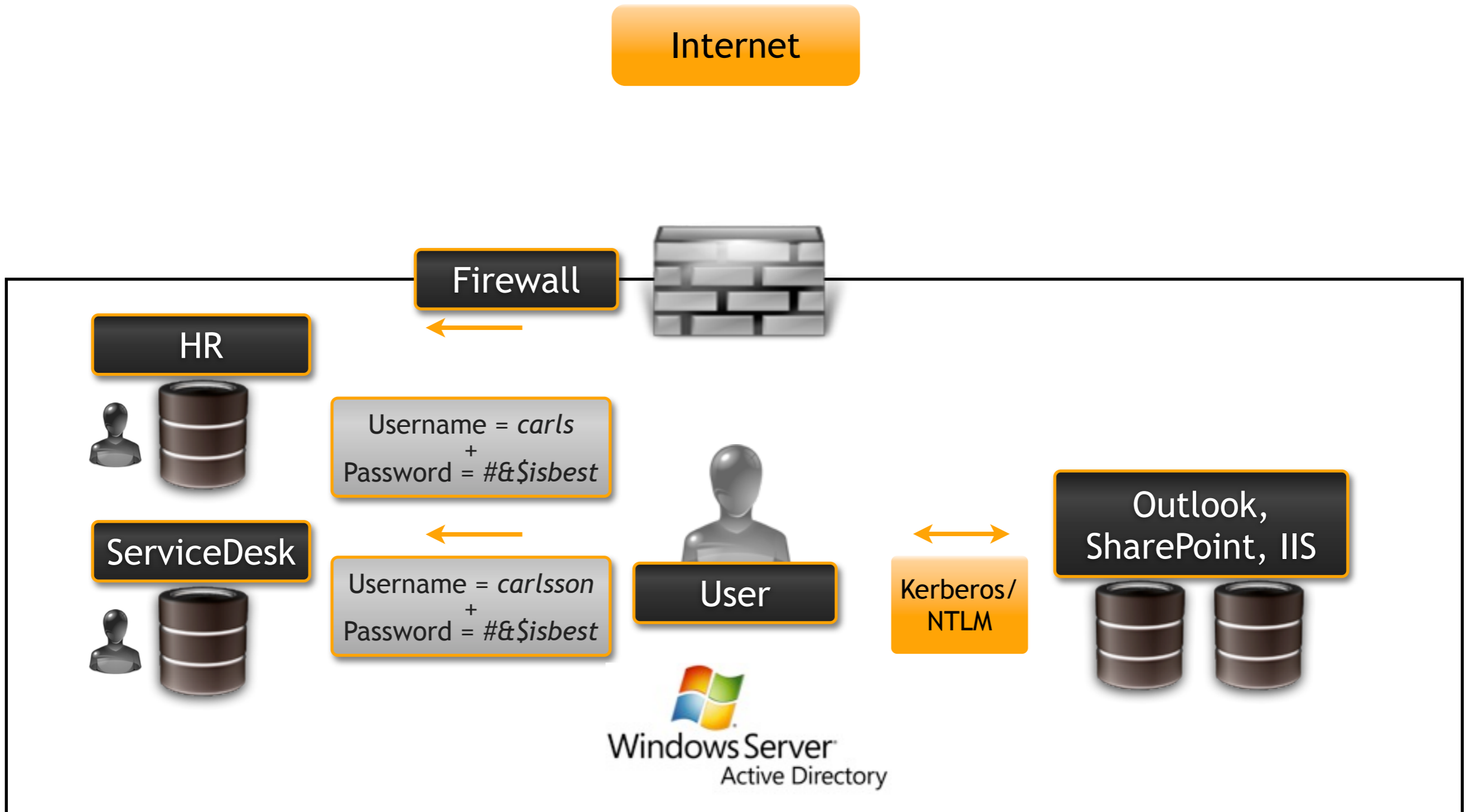
Where are we? And where are we going?



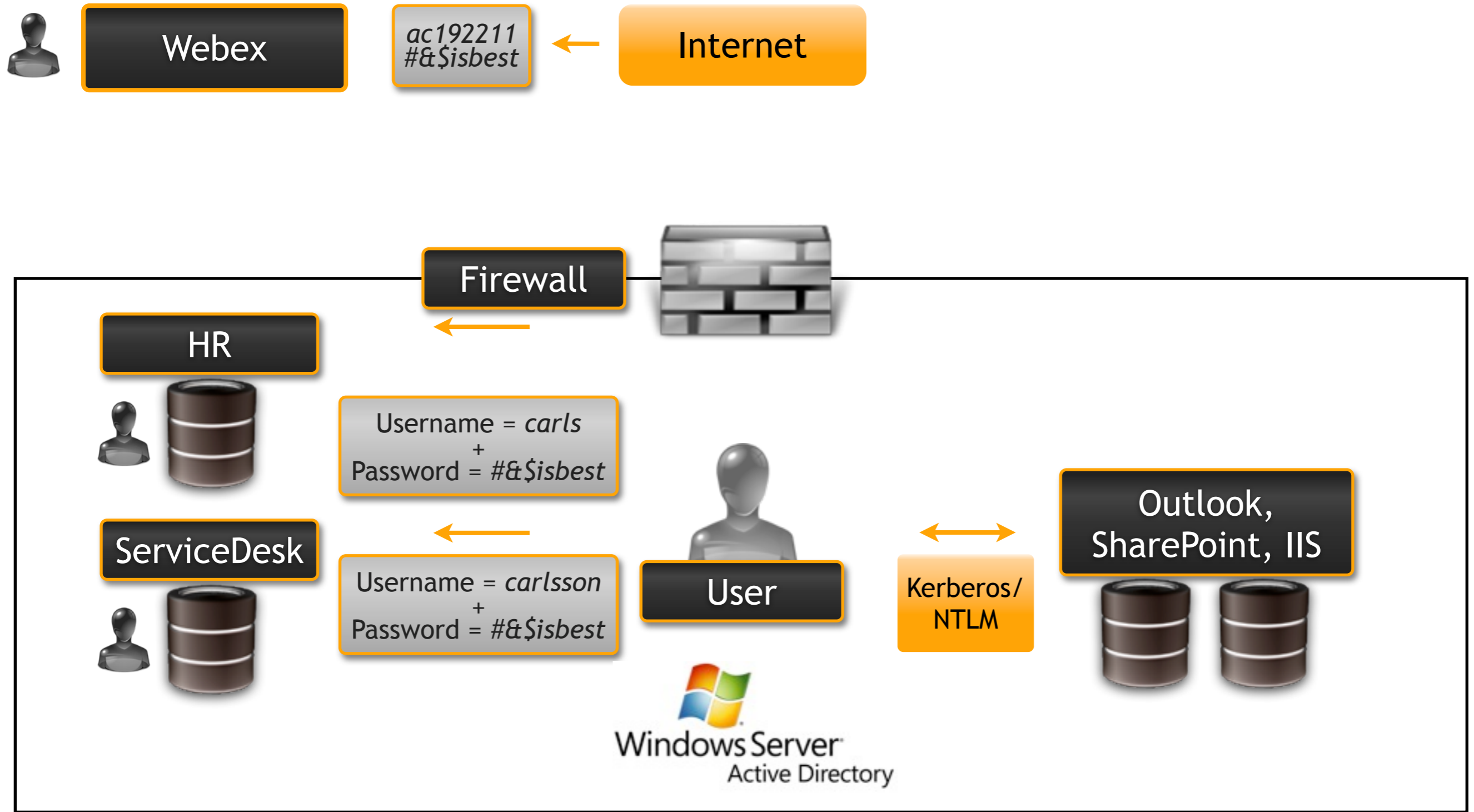
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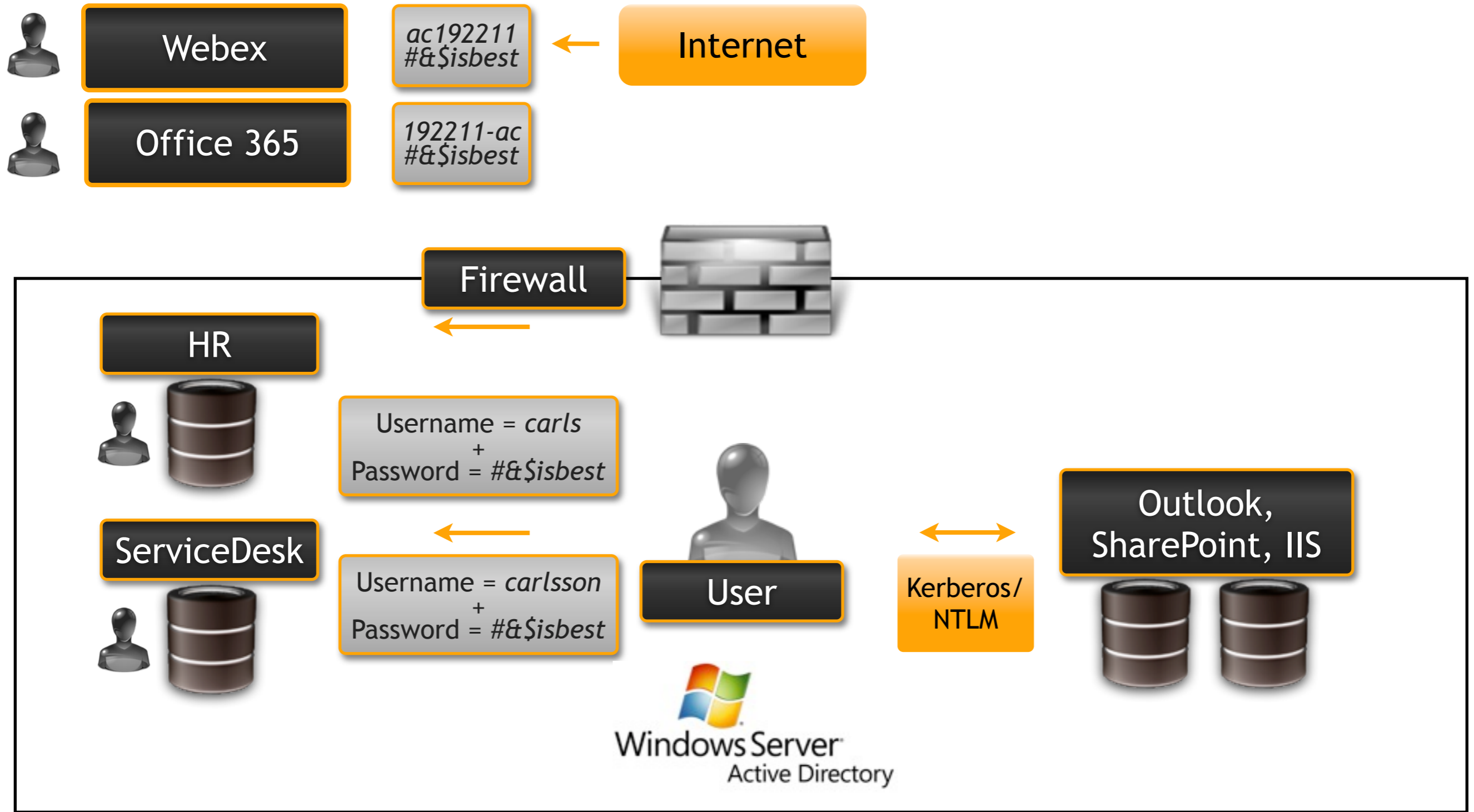
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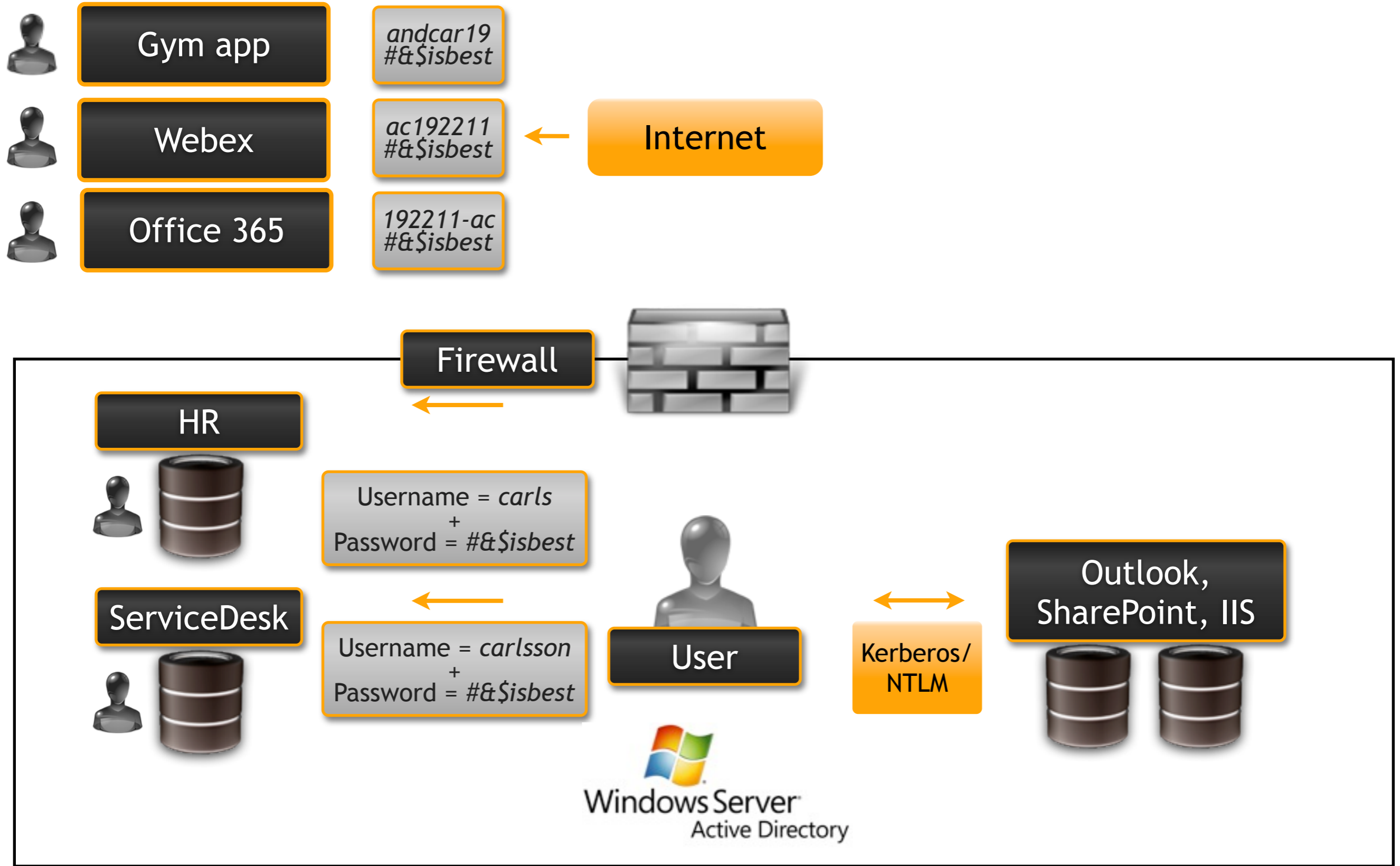
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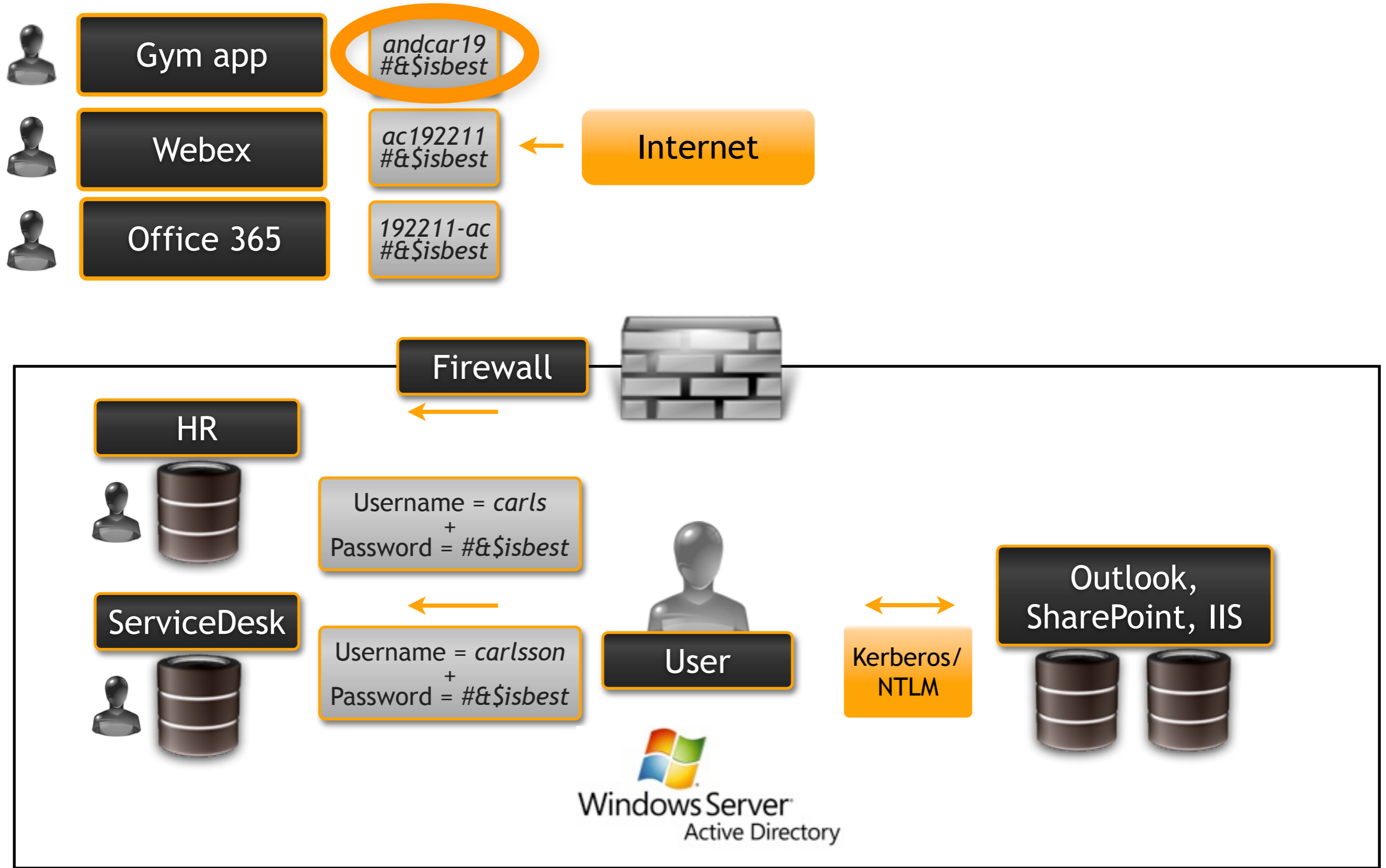
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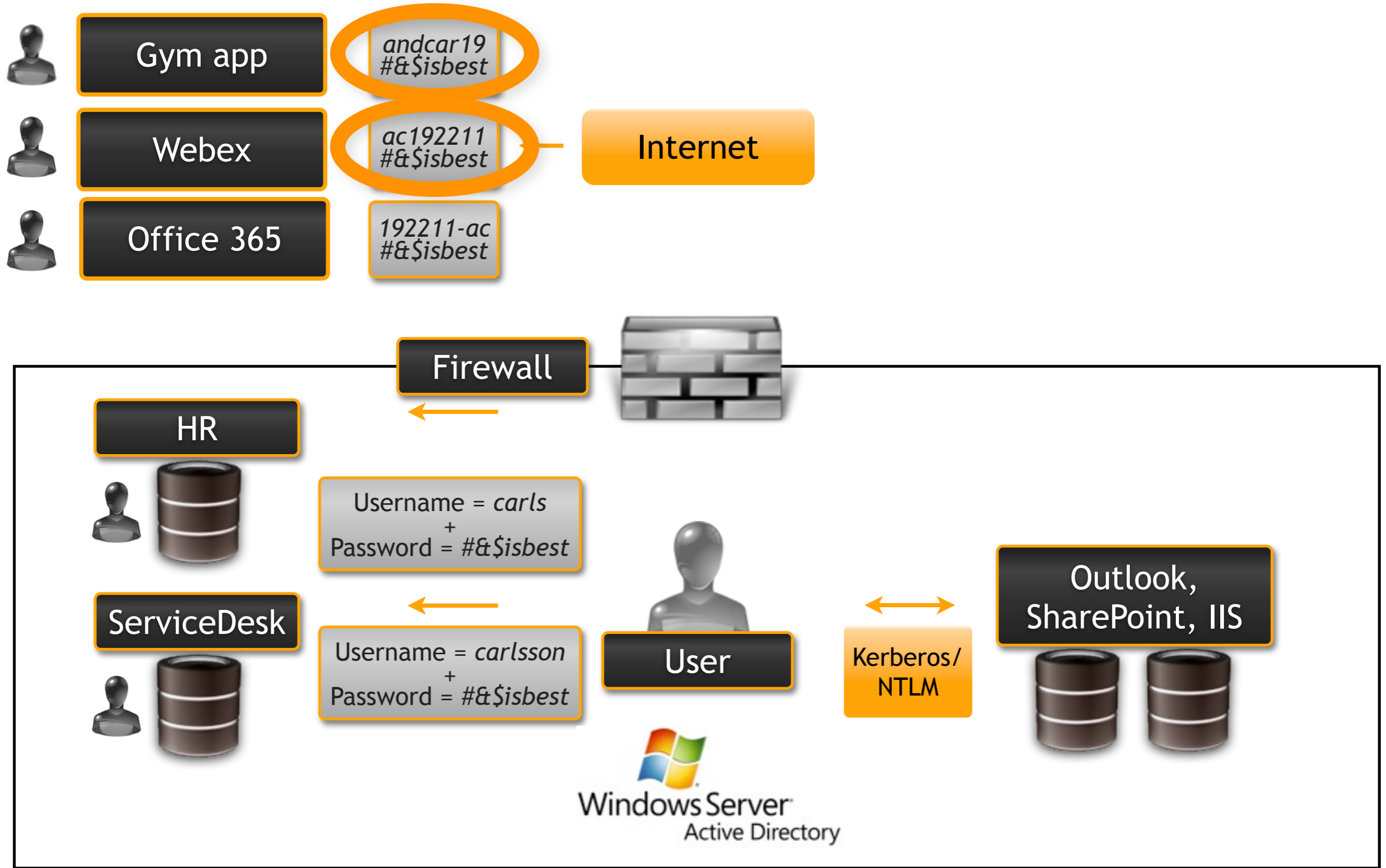
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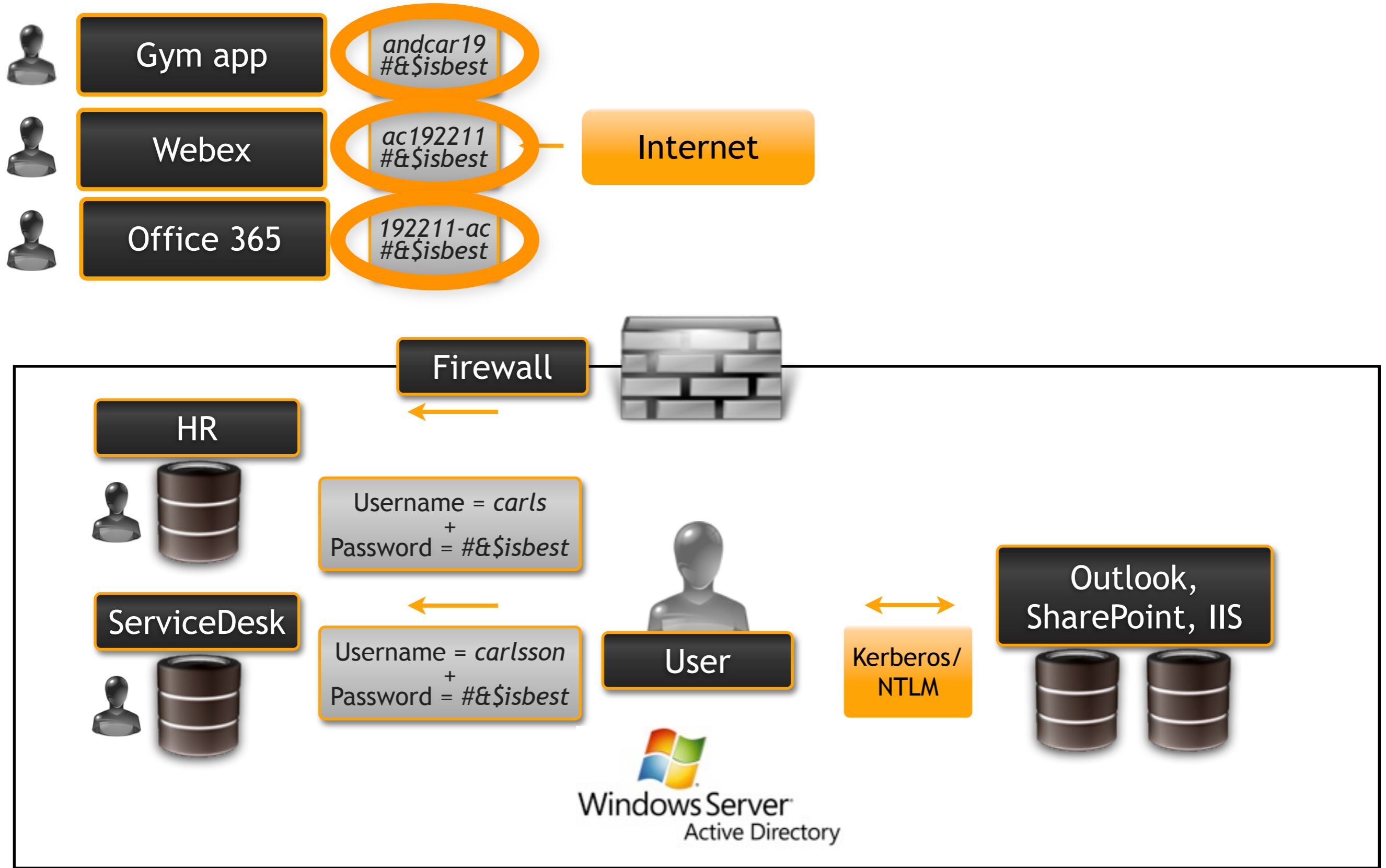
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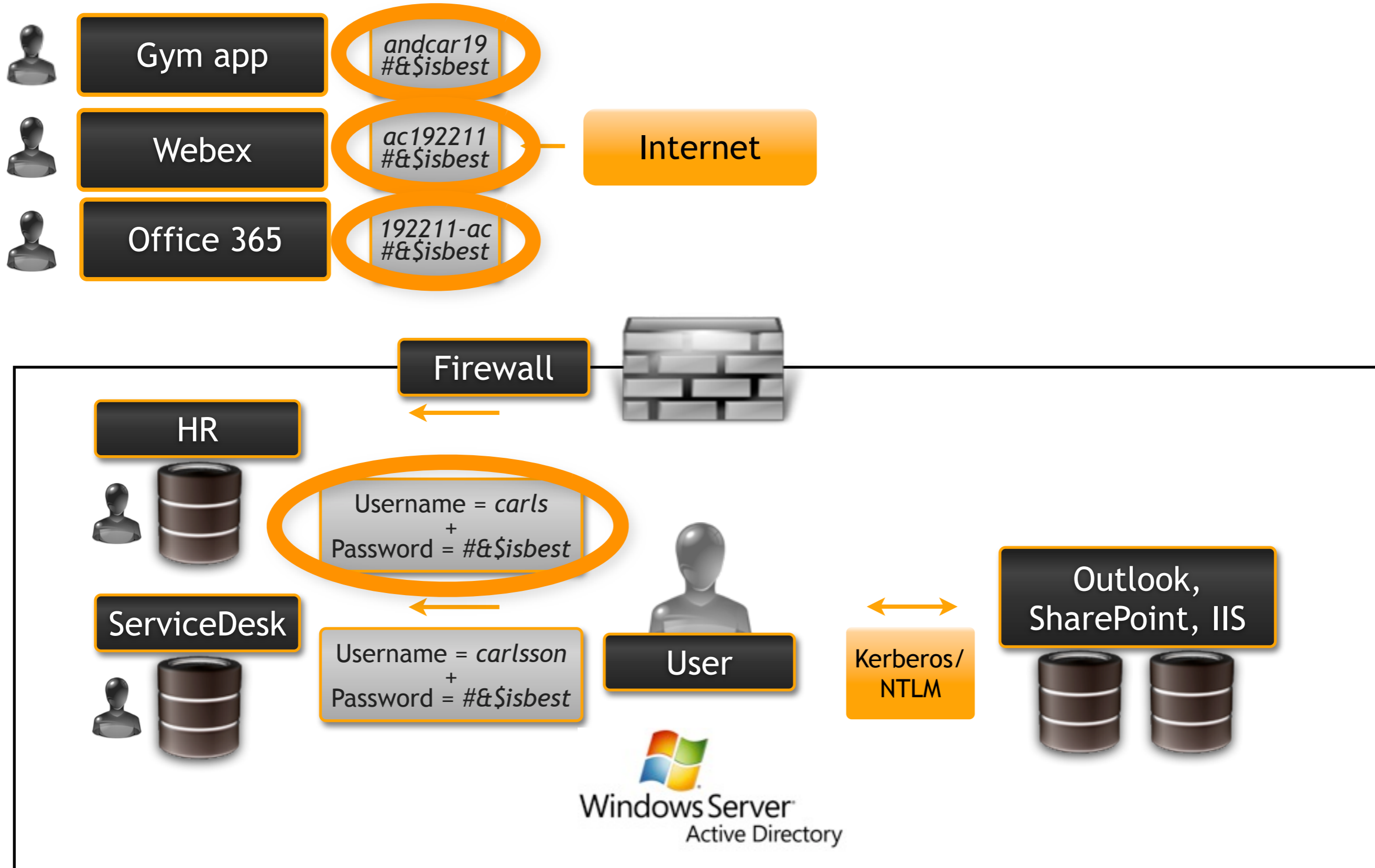
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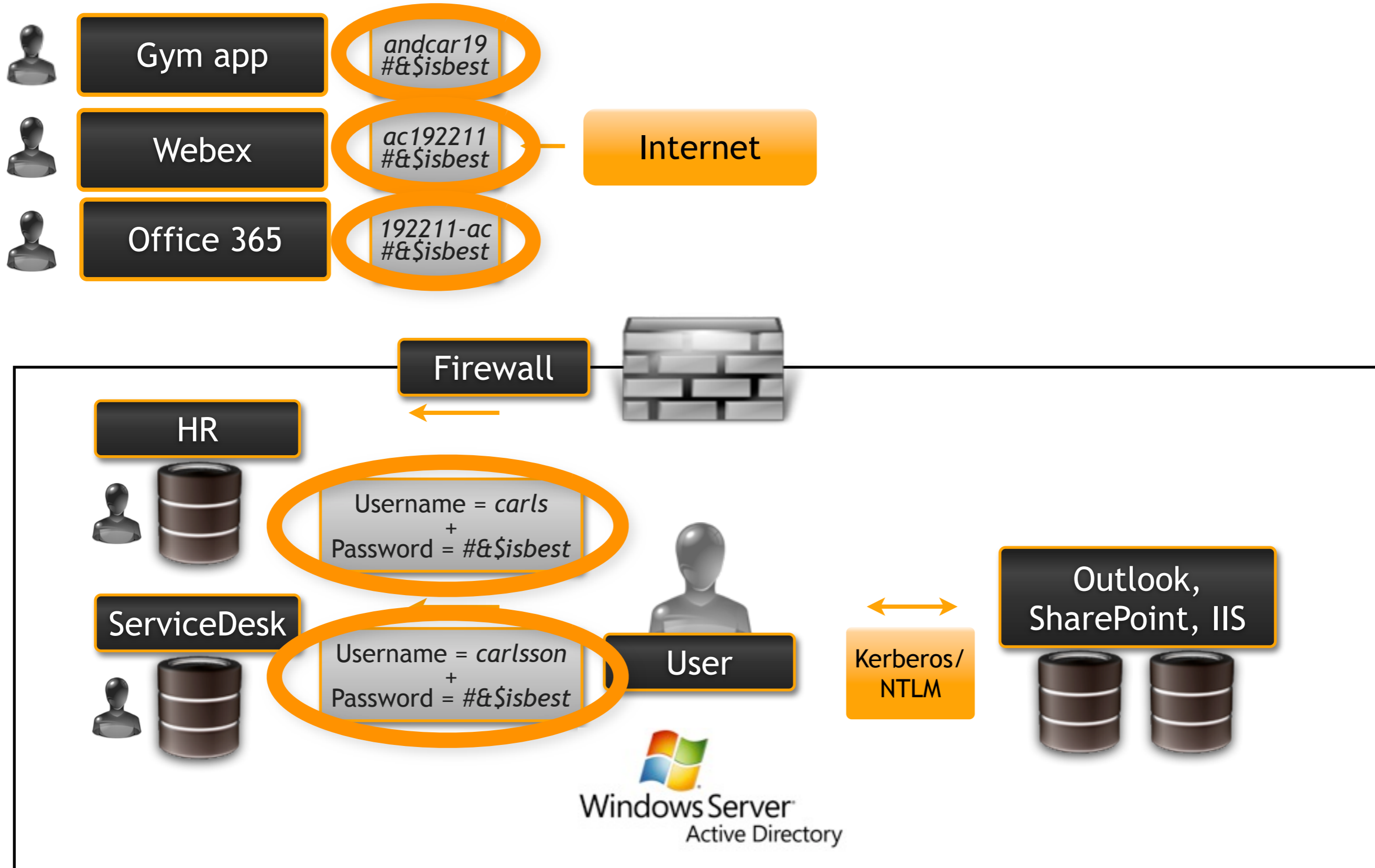
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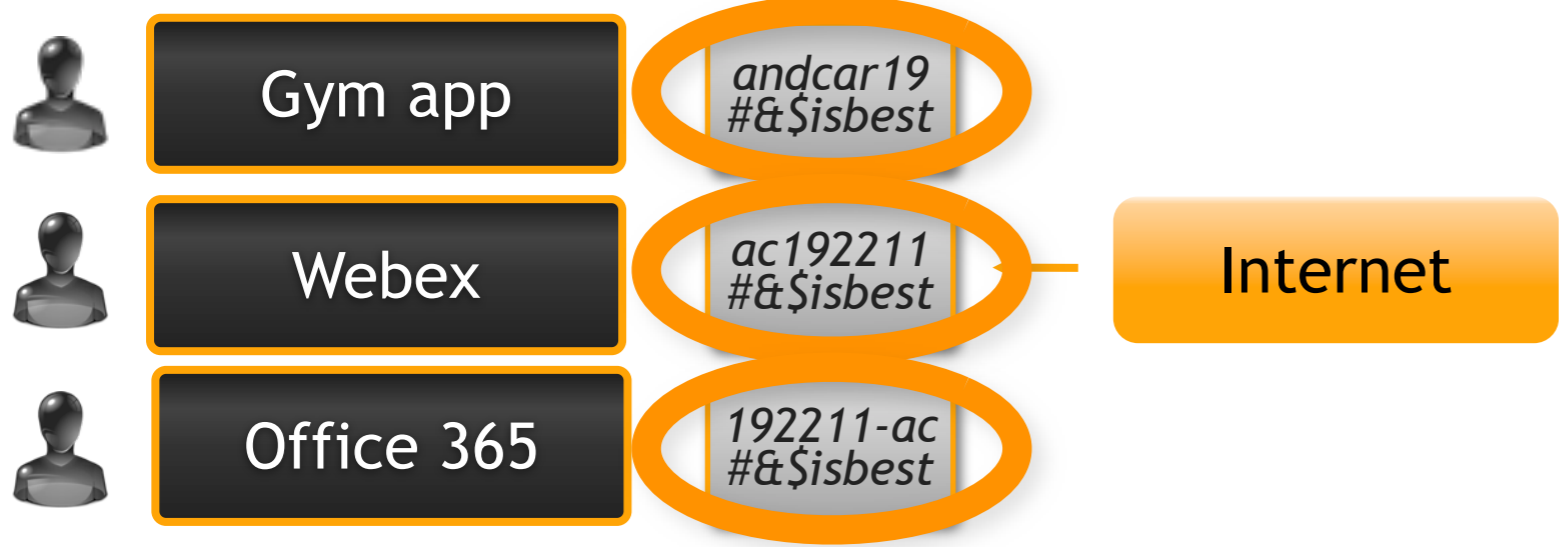
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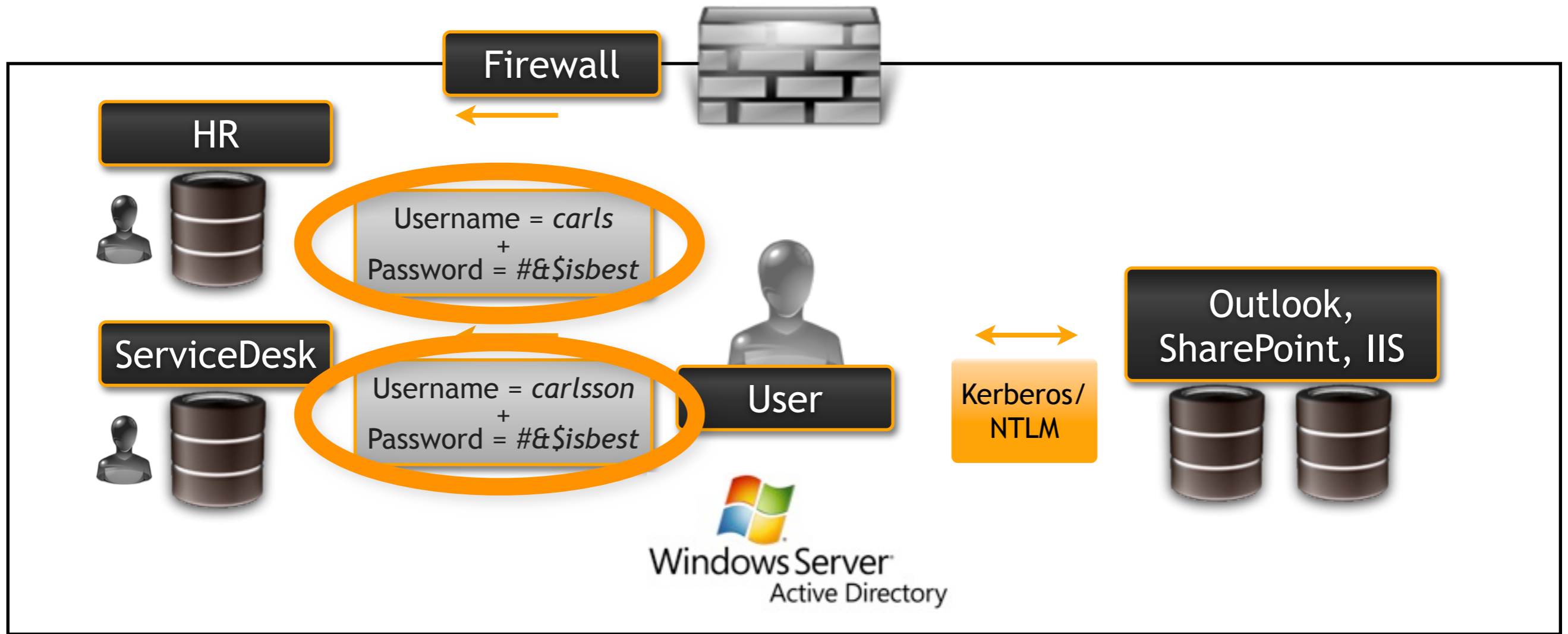
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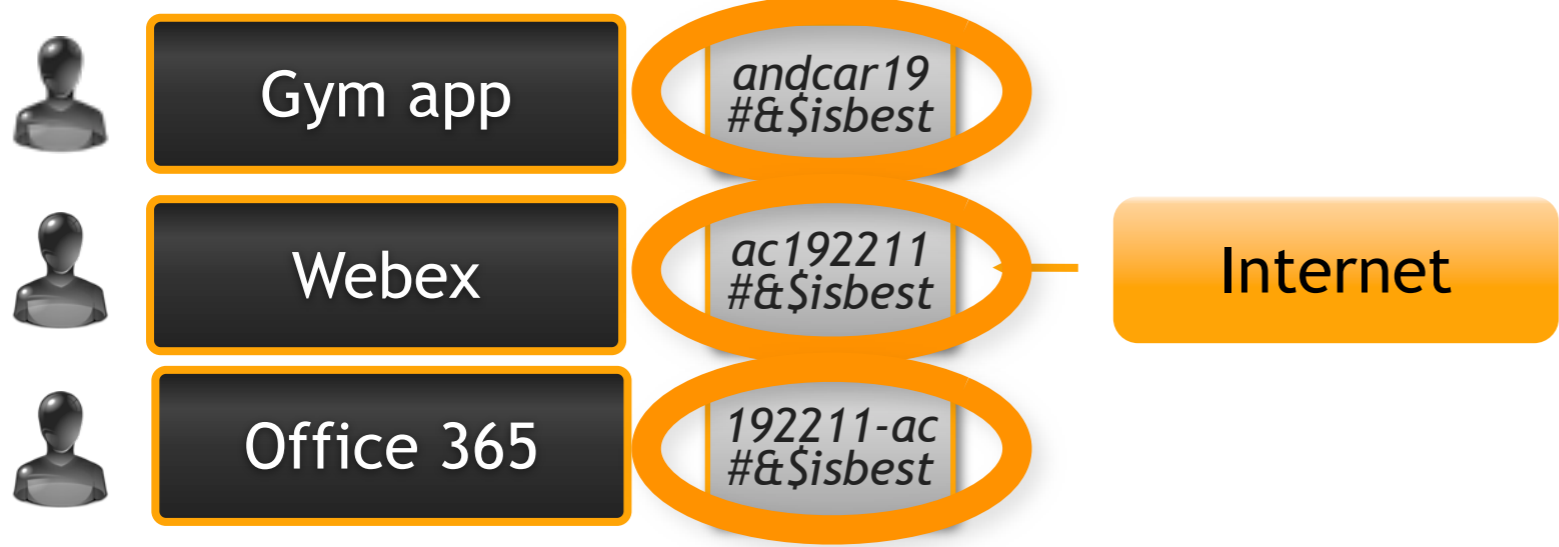
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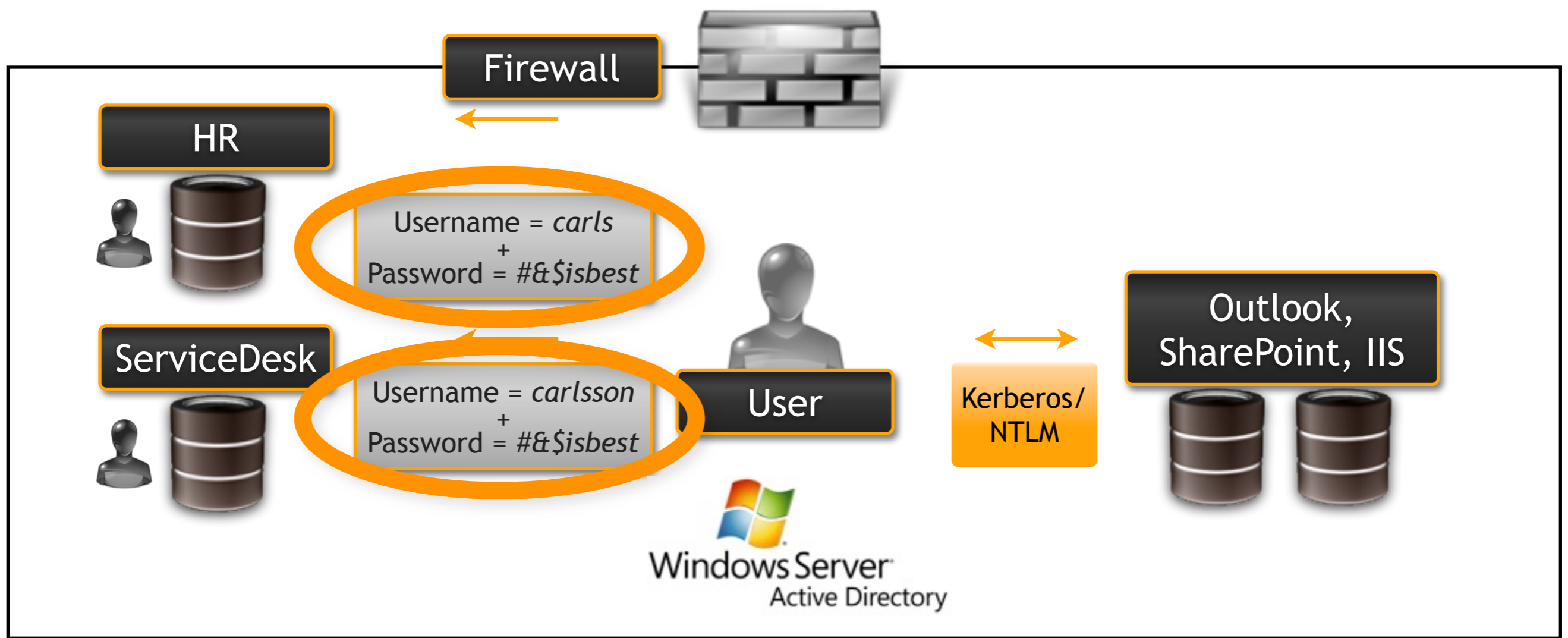
- The same password is used for multiple services



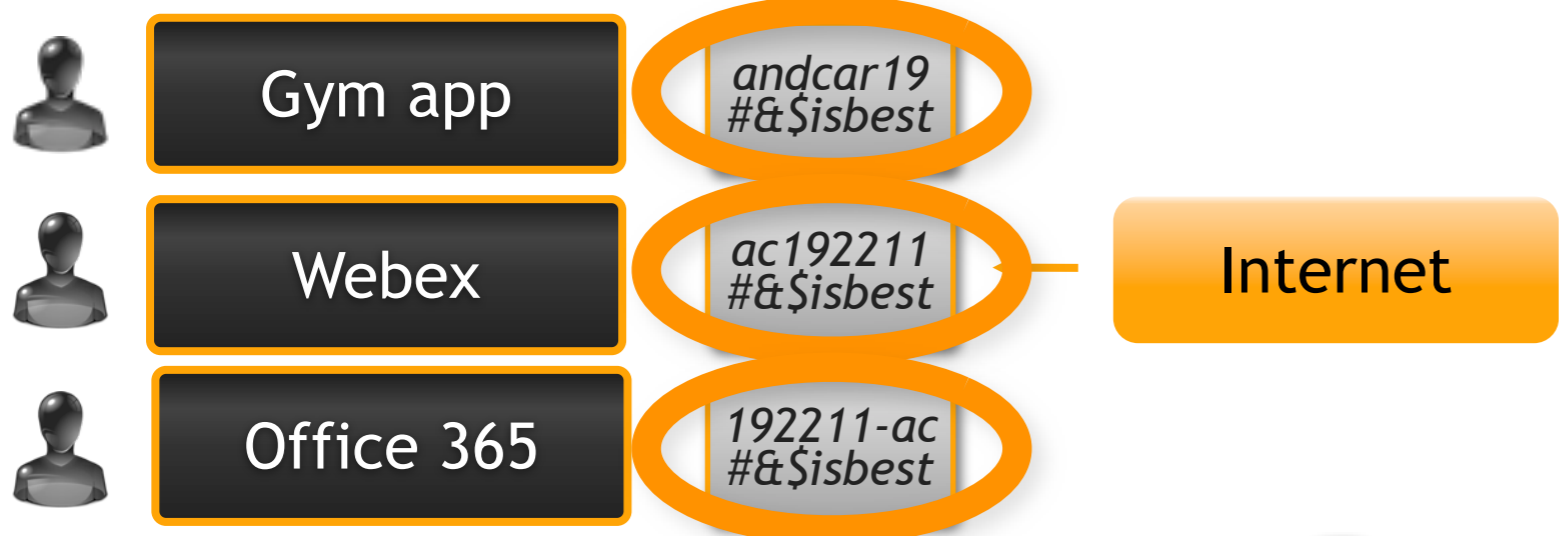
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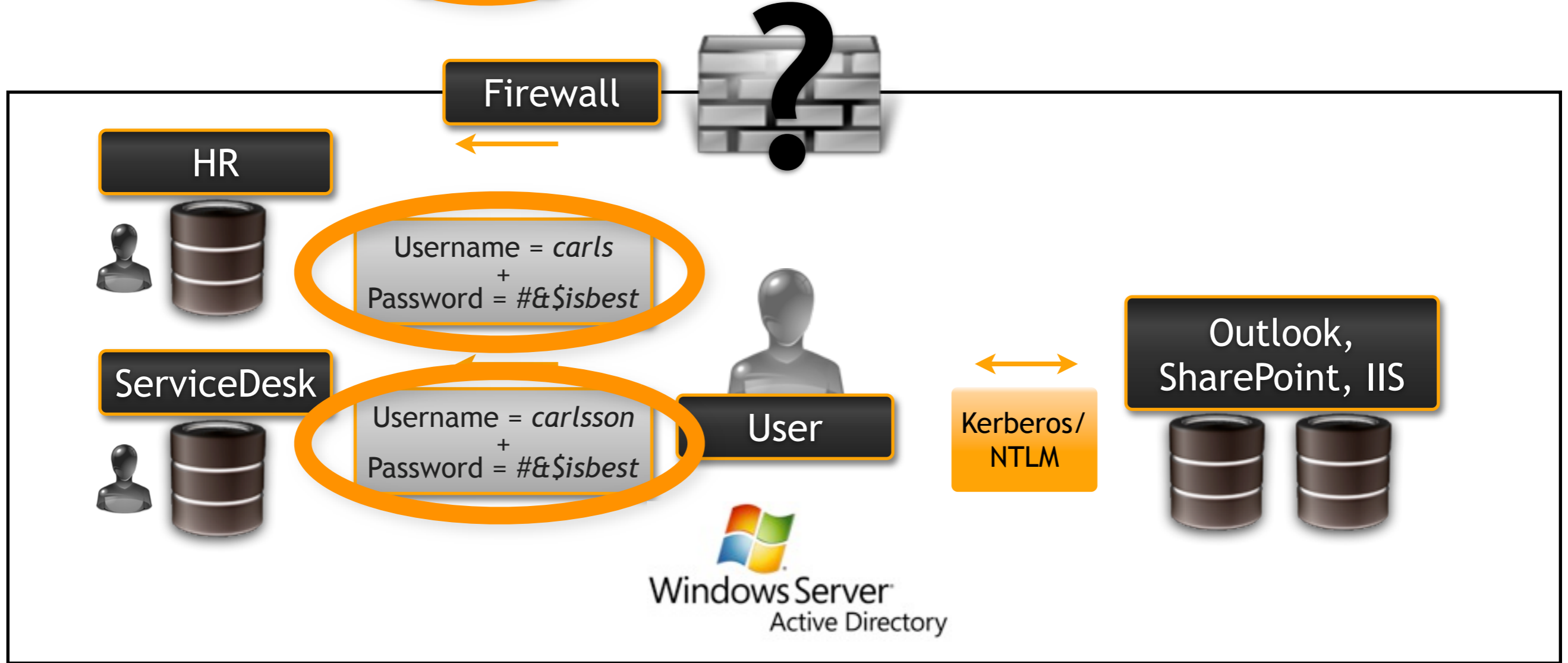
- The same password is used for multiple services
- Changed target scenario



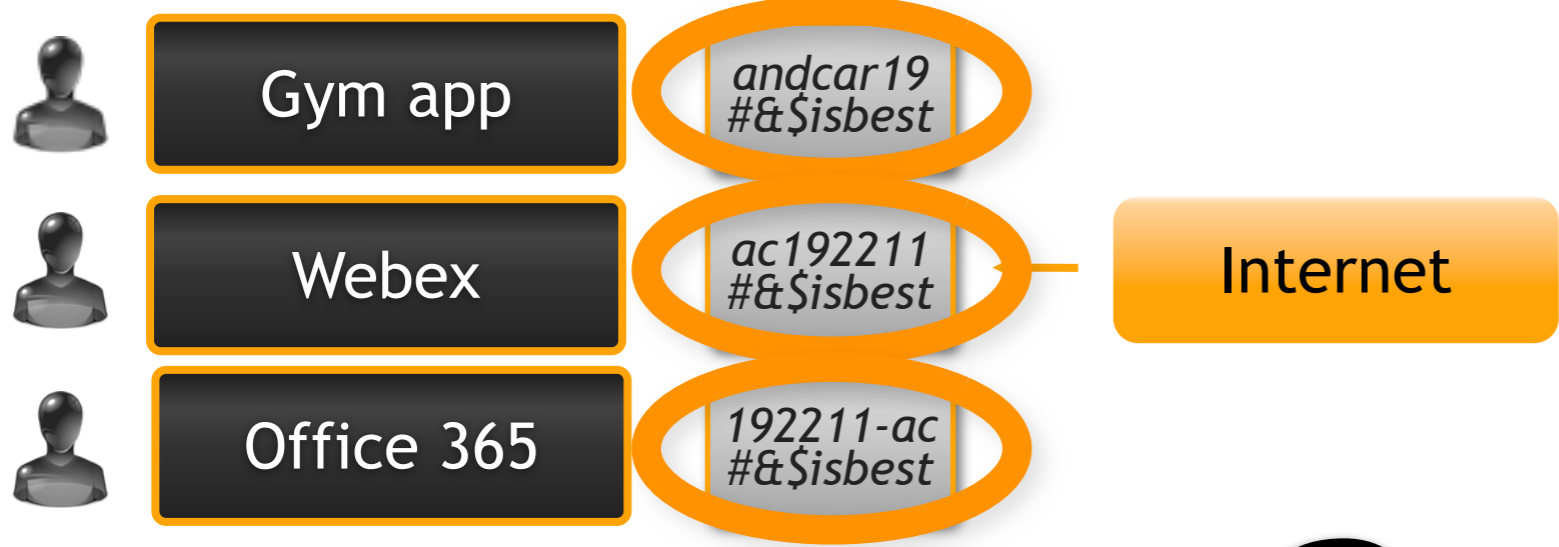
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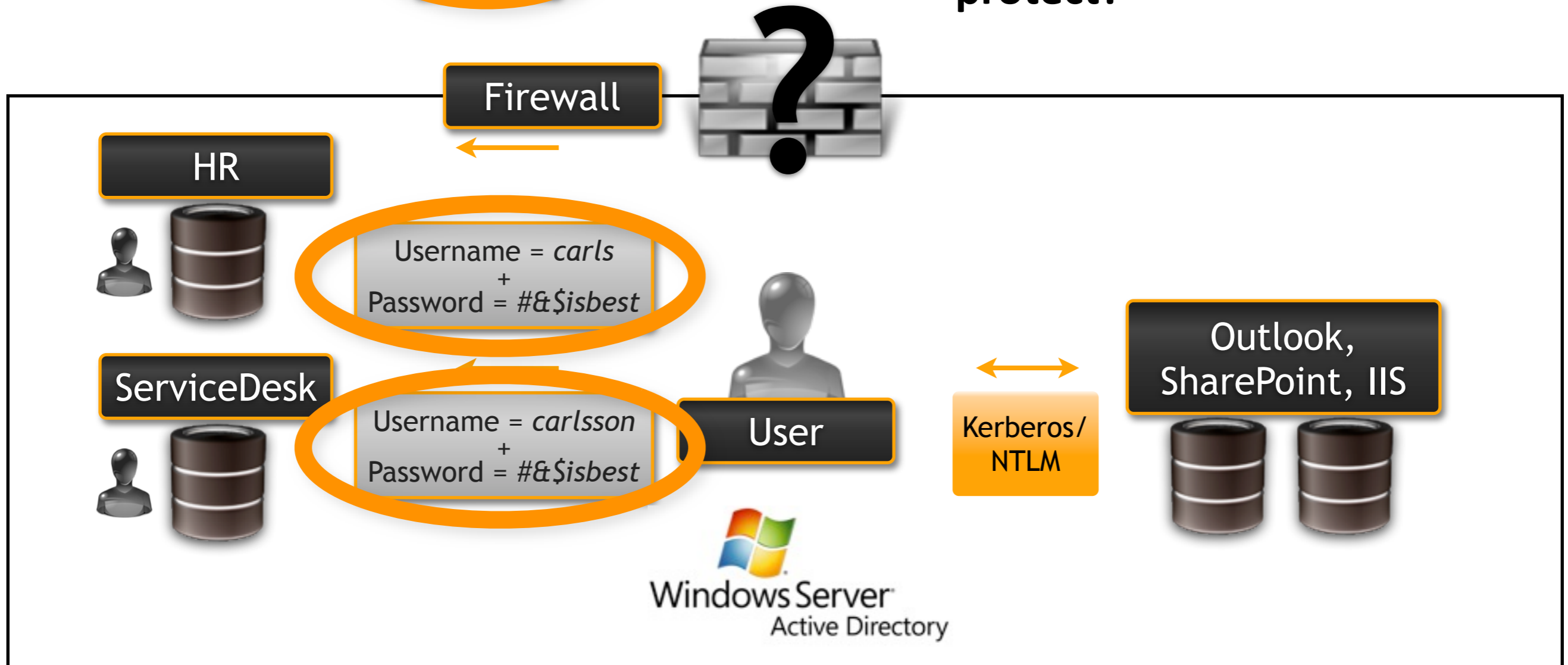
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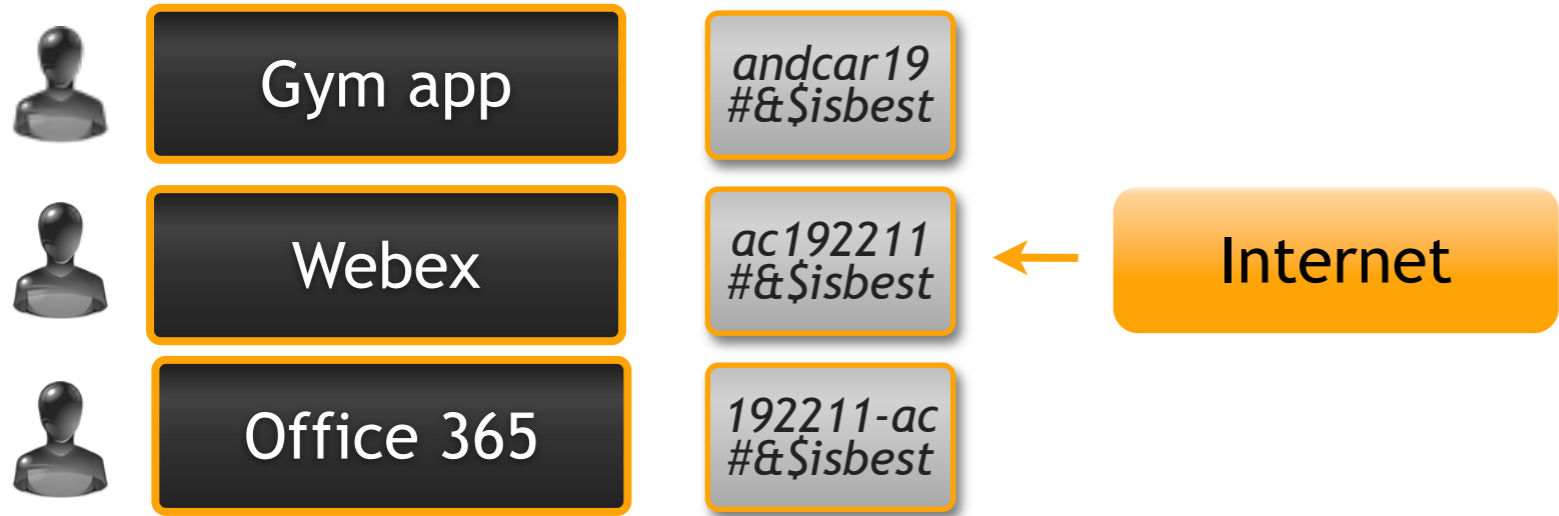
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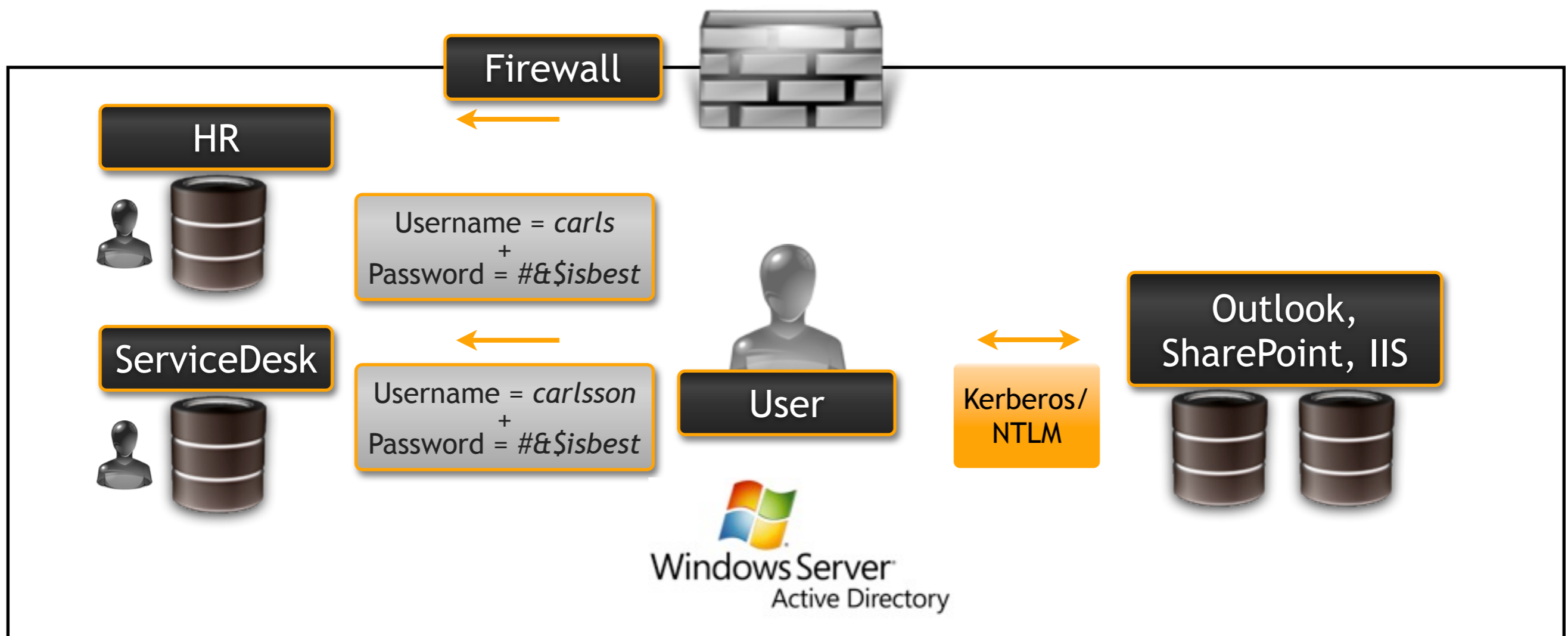
- The same password is used for multiple services
- Changed target scenario
- What does the Firewall protect?



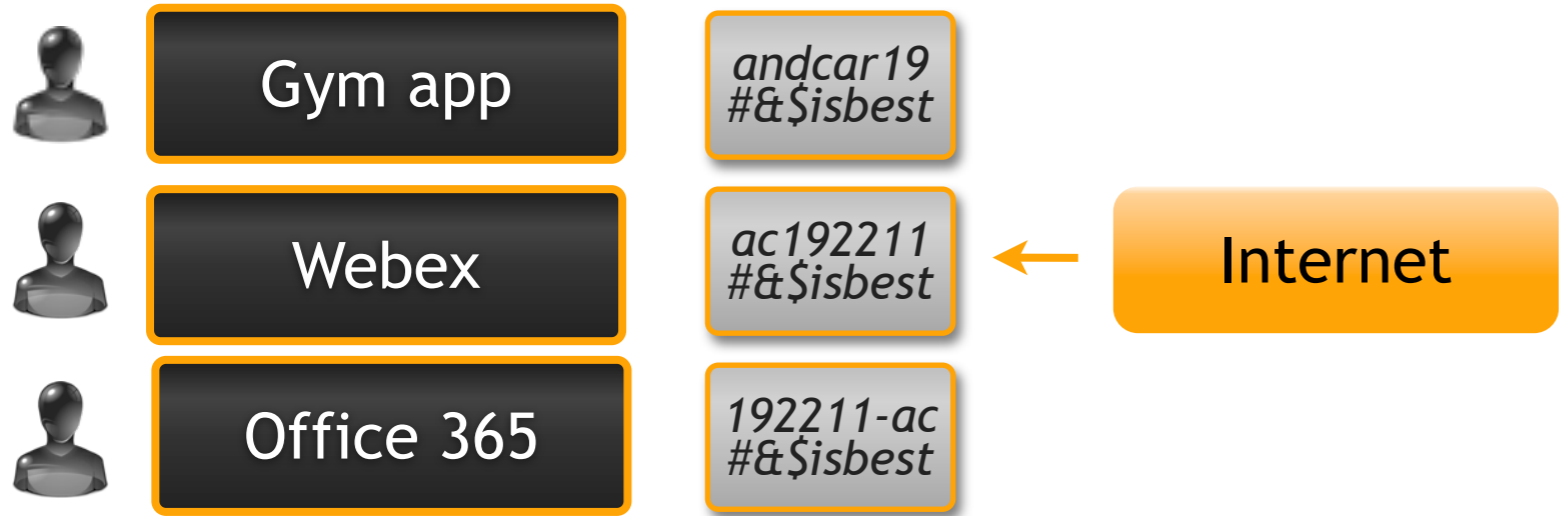
Challenges



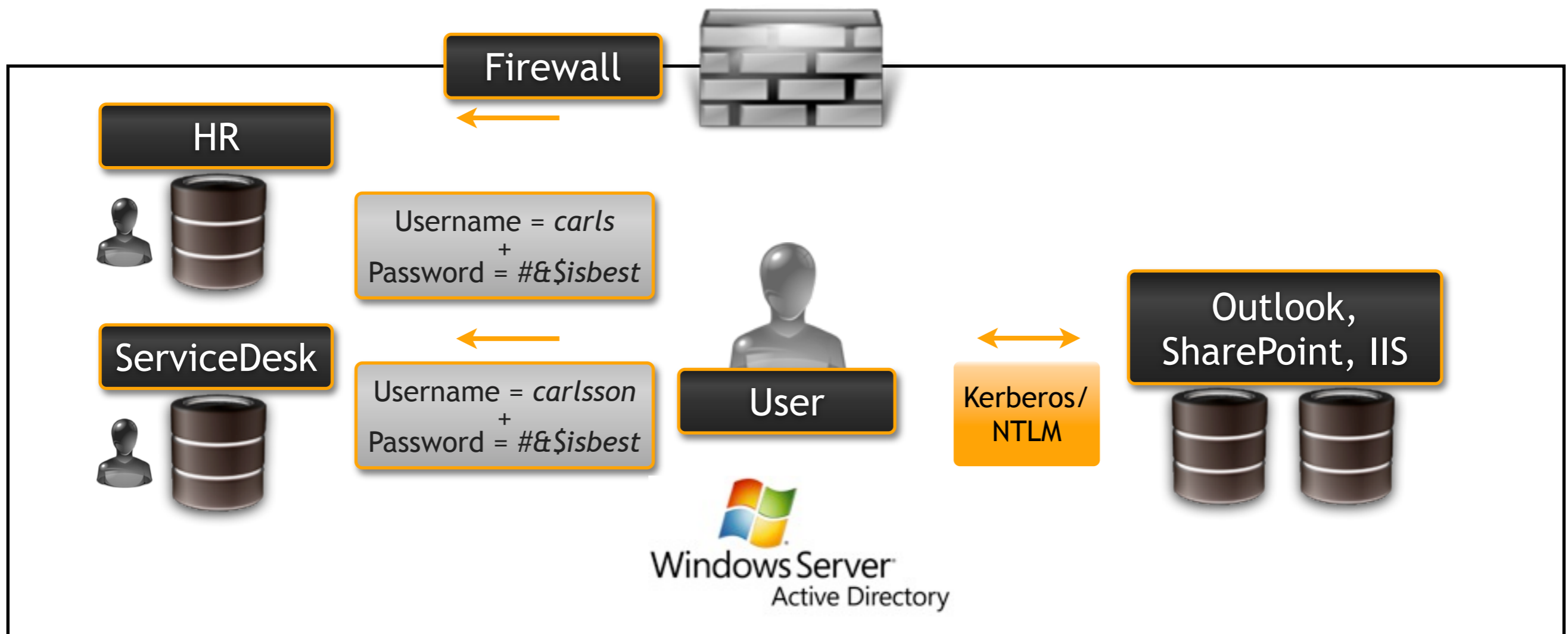
Challenges:



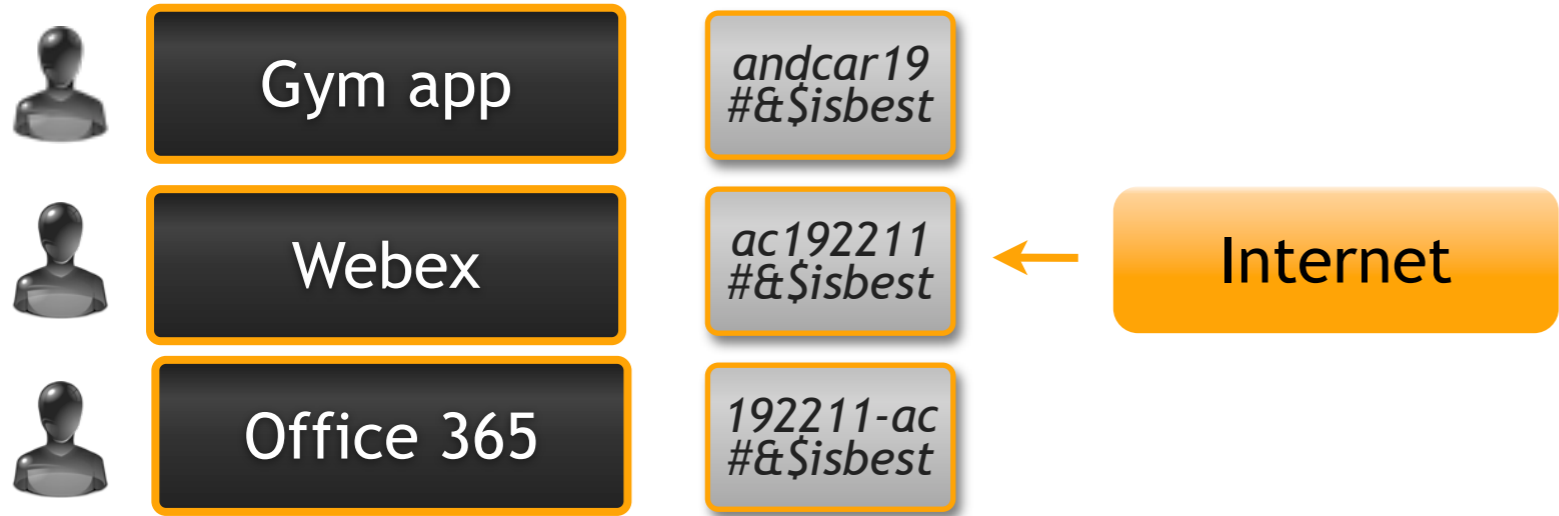
Challenges



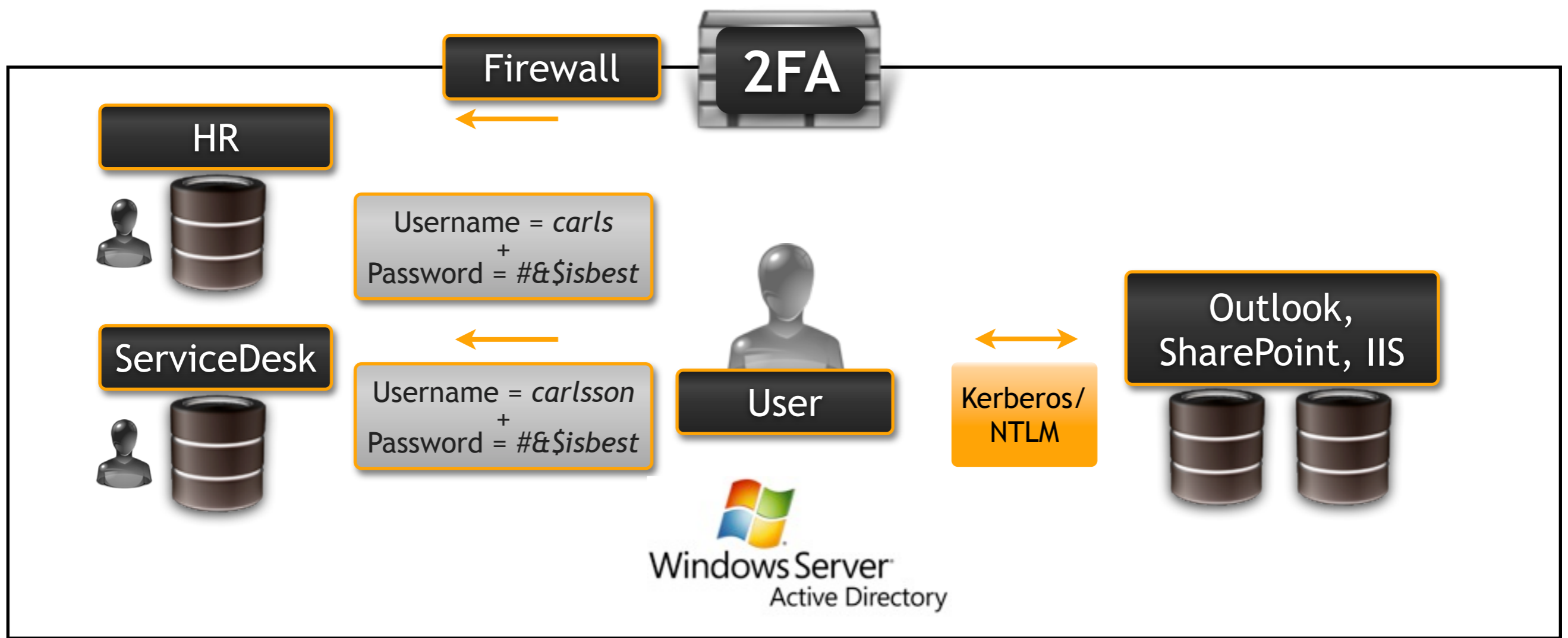
Challenges:
- Security



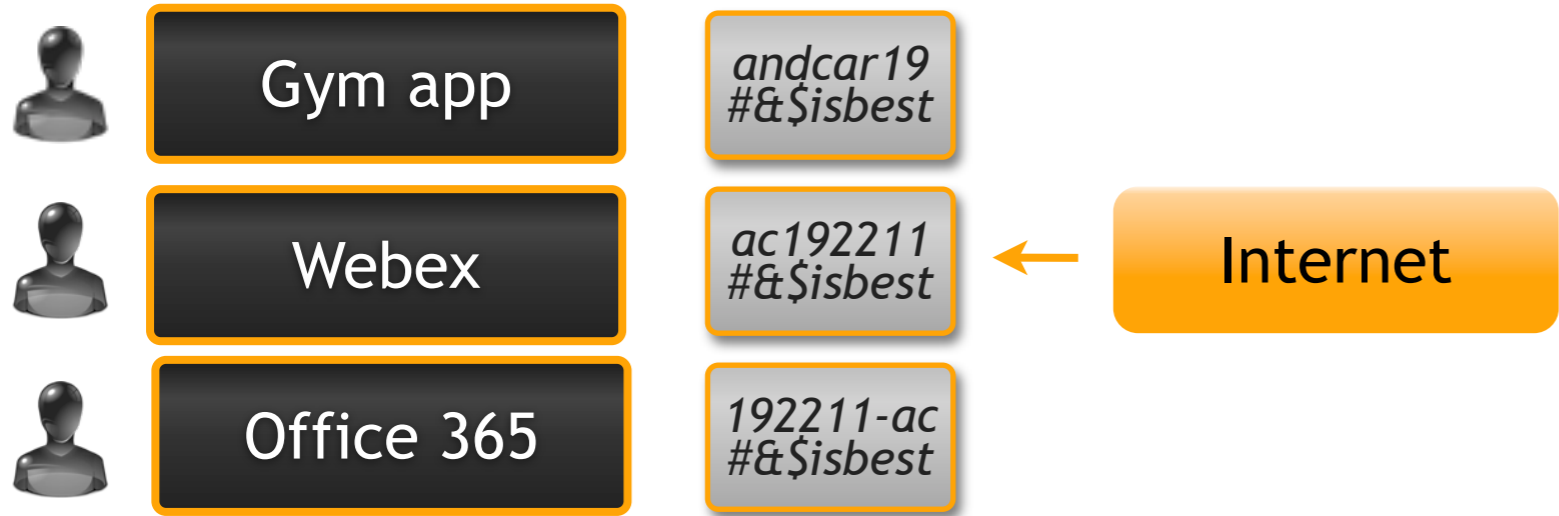
Challenges



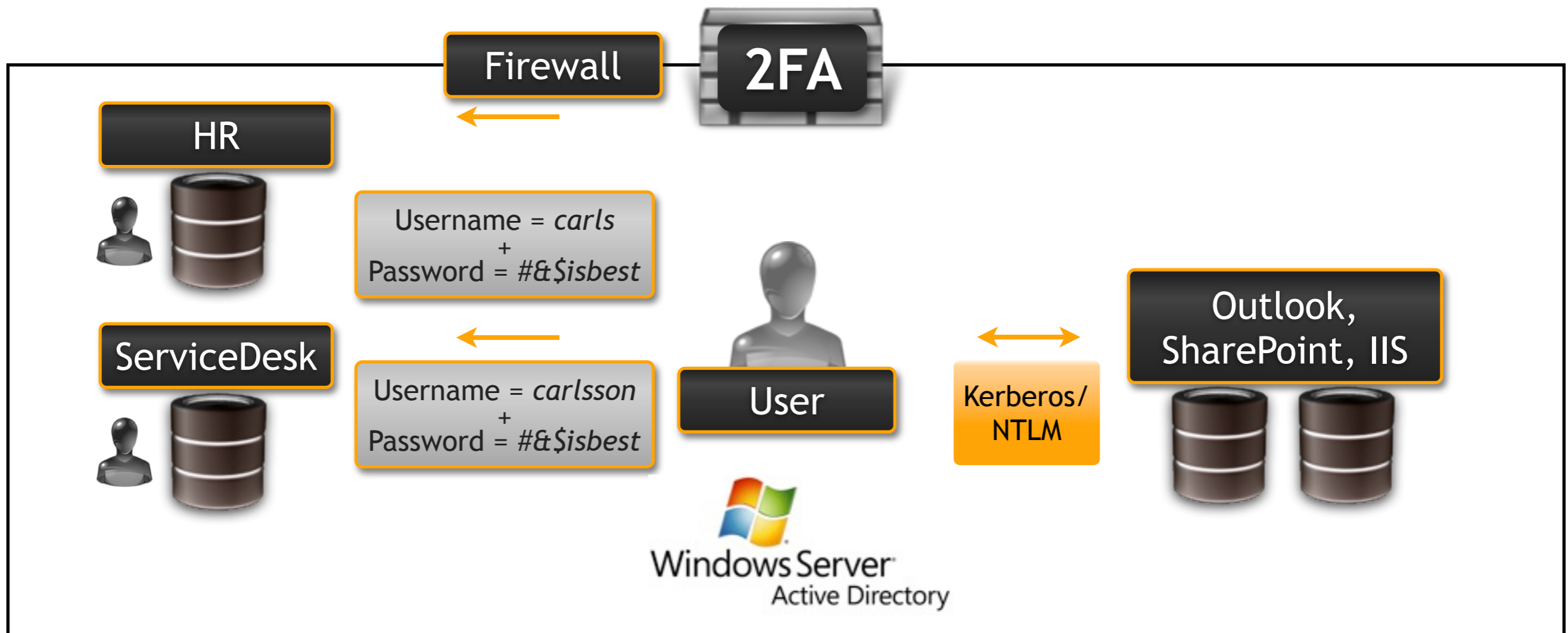
Challenges:
- Security



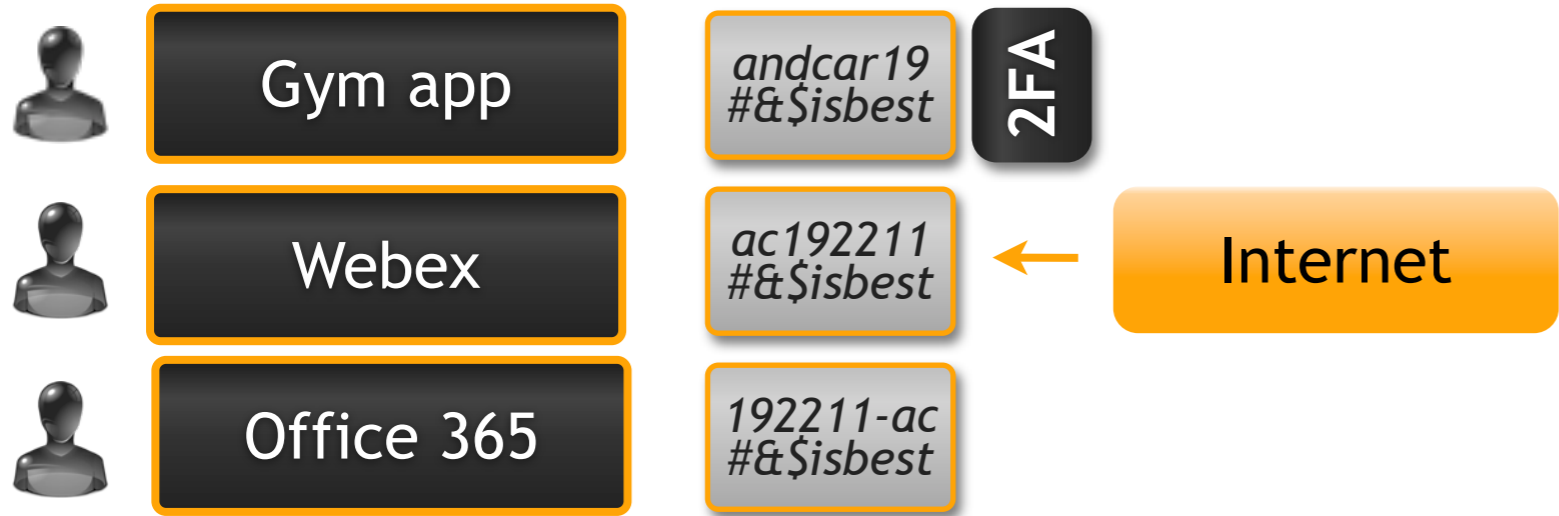
Challenges



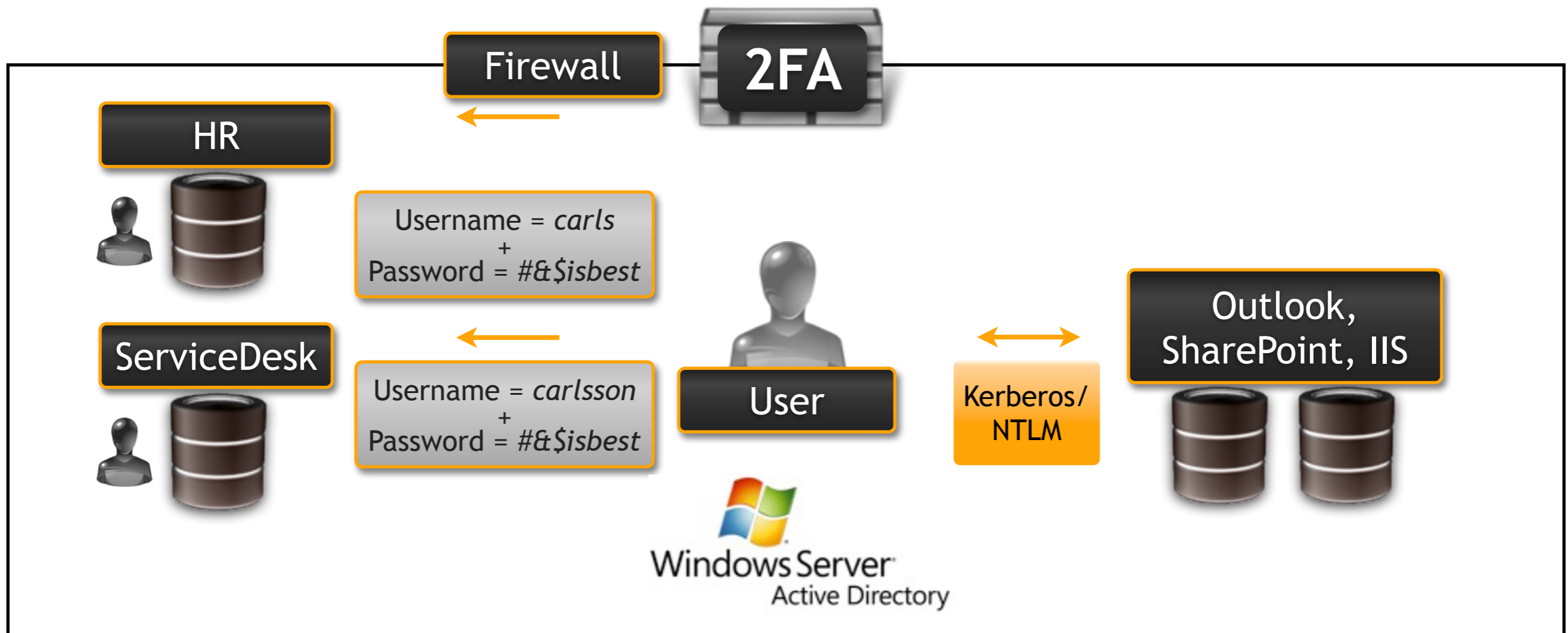
- Challenges:**
- Security
 - The big picture



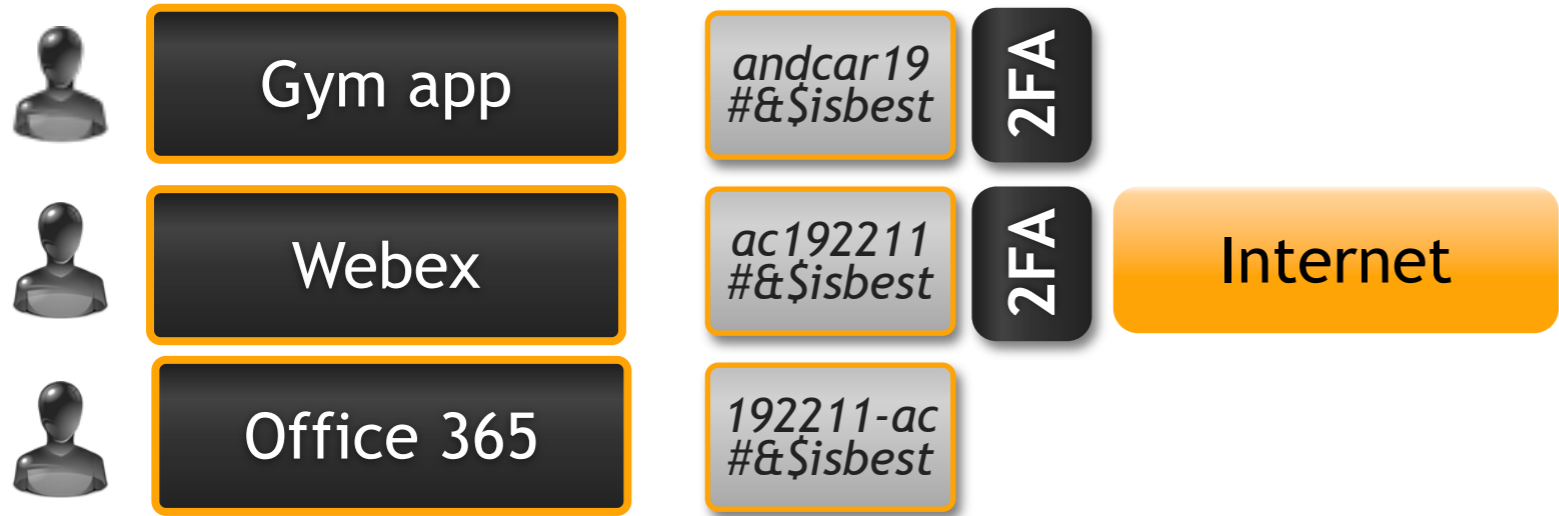
Challenges



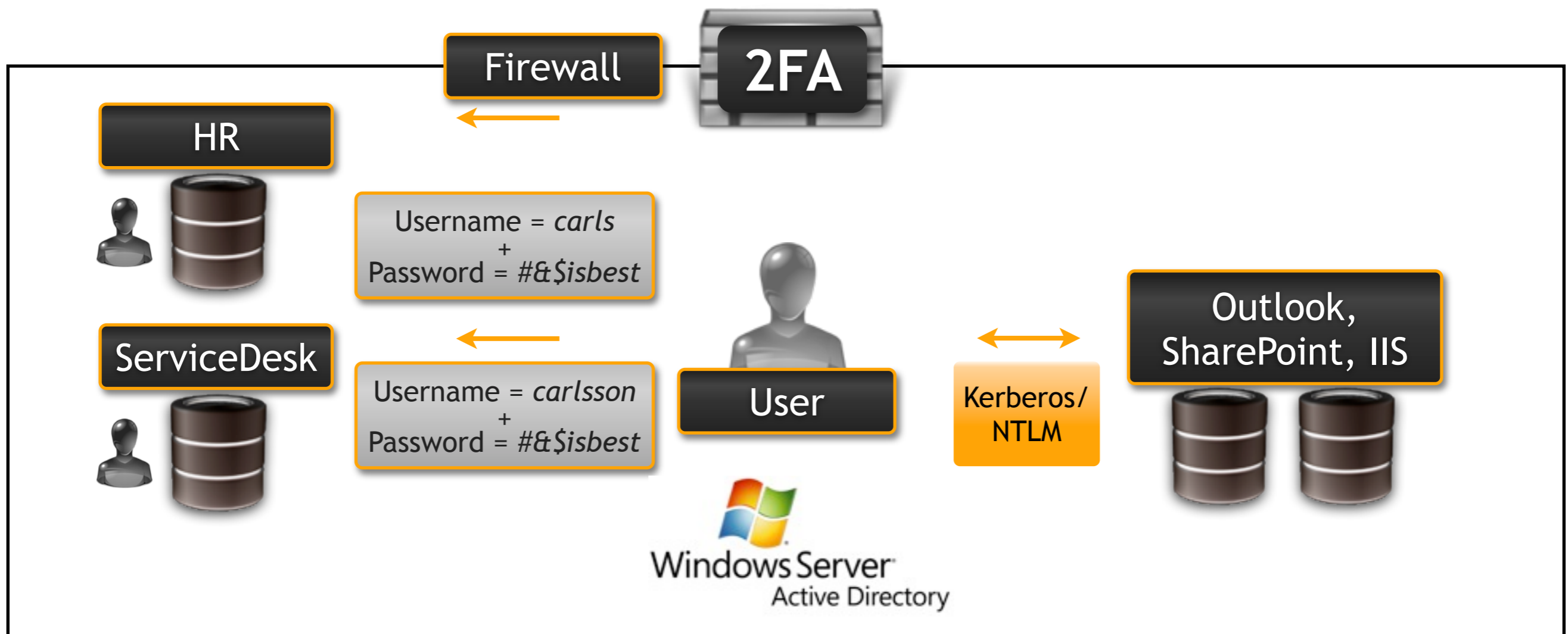
- Challenges:**
- Security
 - The big picture



Challenges



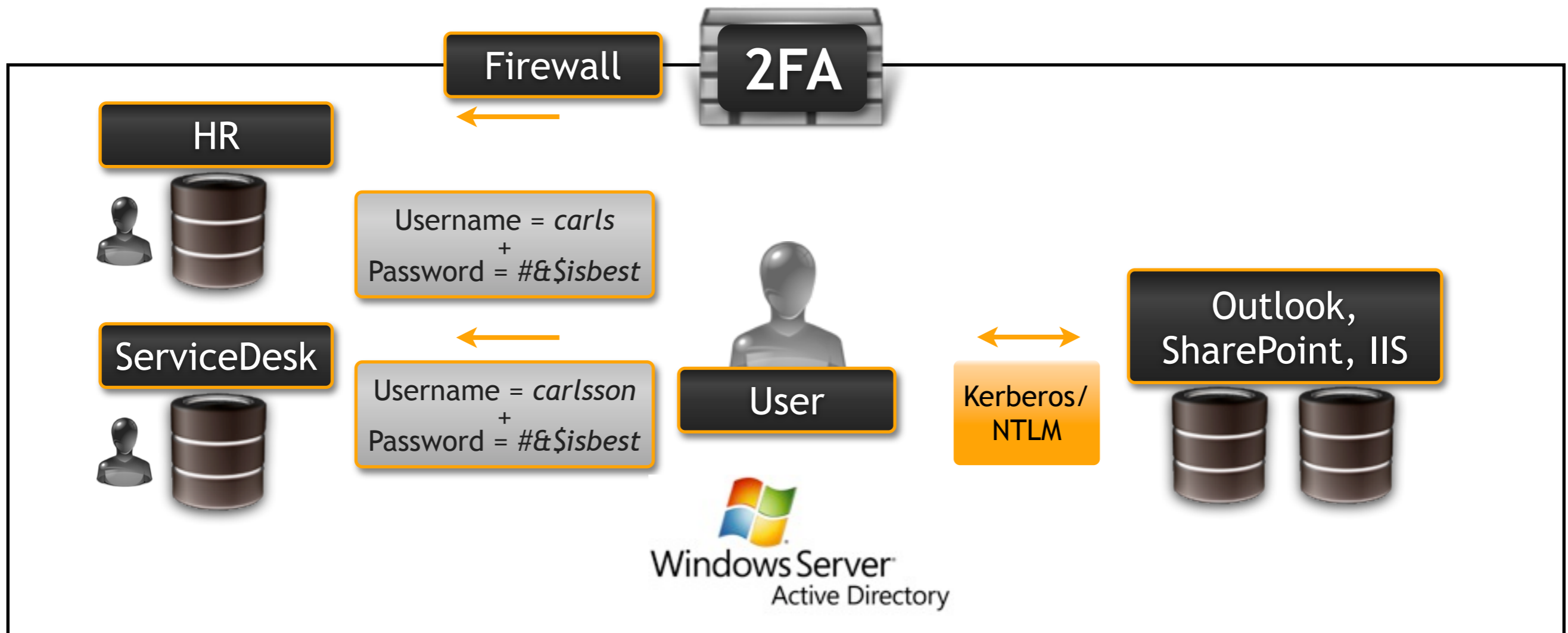
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Challenges



- Challenges:**
- Security
 - The big picture

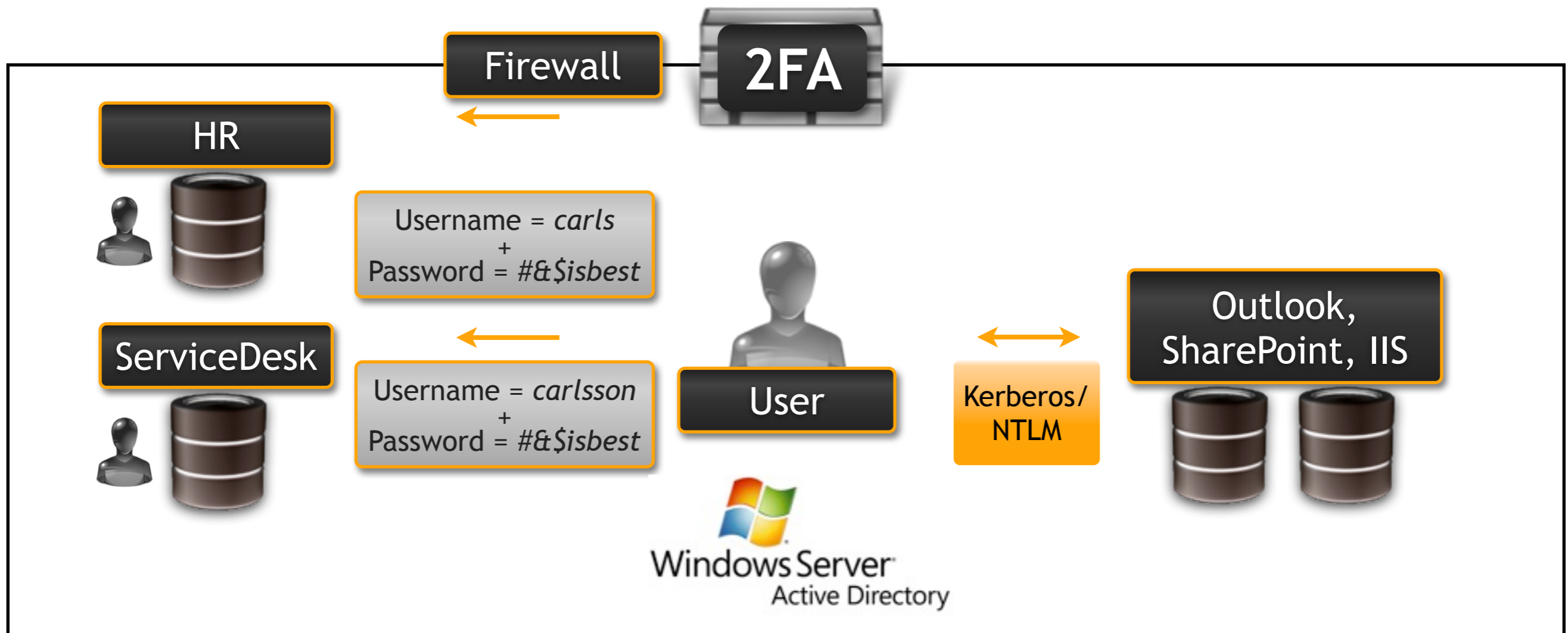


Challenges



Challenges:

- The big picture
- Security



Where is our focus?



Where is our focus?



Two-factor authentication

Tokens

PGP

DES-EDE3

Where is our focus?



Personal Identification Number

Two-factor authentication

CAST5

Tokens

PGP

MD2

USB Tokens

DES-EDE3

MD5

Triple DES

AES

Where is our focus?



SHA-384

Personal Identification Number

Two-factor authentication

Soft Token

CAST5

Tokens

PGP

MD2

USB Tokens

DES-EDE3

ZLIB

MD5

RIPEMD-160

Smartcards

Triple DES

AES

IPT

x509

Where is our focus?



SHA-384

SHA-256 Personal Identification Number

Two-factor authentication DES-EDE2

Soft Token CAST5 Tokens SHA1

PGP 3DES

MD2 USB Tokens

DES-EDE3 ZLIB MD5 RIPEMD-160

RFID PGP Twofish

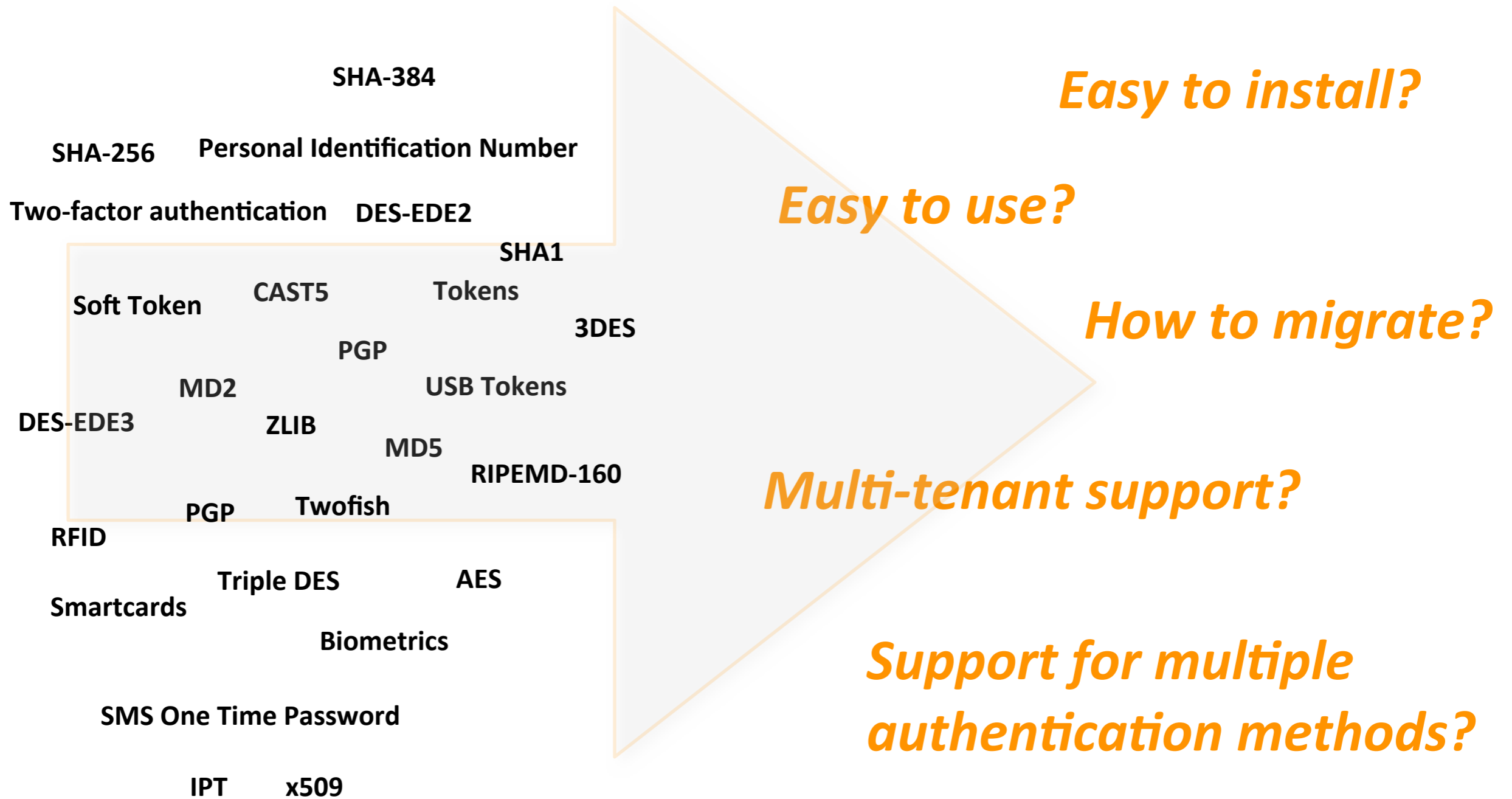
Smartcards Triple DES AES

Biometrics

SMS One Time Password

IPT x509

Where is our focus?







Demo

- ▣ Nordic Edge OTP Server:
- ▣ Easy and complex together
- ▣ The toolbox for Security experts
- ▣ More adaptable than even we have thought
- ▣ Easy to package as a service
- ▣ An enterprise product that you can grow with



Knowledge + Software = Complete solution





Questions?





Win a trip for 2!



Win a trip for 2!

register @

www.demo.nordicedge.com

Ref: stallion Nov 11