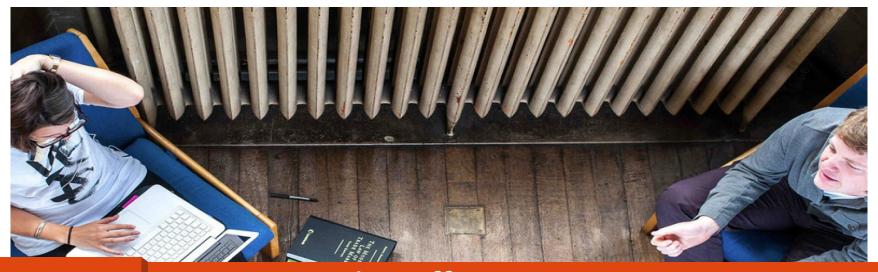
Jisc



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BYOD: Spot the Difference

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Spot the Difference?







Spot the Difference?







What are the risks?

Theft/Loss
Sharing Device
Overhearing
Compromise
Inappropriate Storage

Departure



What are the risks?

BYOD

✓ Theft/Loss

✓ Sharing Device

Overhearing

Compromise

Inappropriate Storage

Departure



What are the risks?

BYOD		Mobile
\checkmark	Theft/Loss	\checkmark
\checkmark	Sharing Device	?
\checkmark	Overhearing	\checkmark
\checkmark	Compromise	\checkmark
\checkmark	Inappropriate Storage	\checkmark
\checkmark	Departure	?



What controls can we use?

Password/Encryption

Secure Delete

Patching/Anti-Virus

"Context Awareness"

Secure Communications (SSL)

Software Control/Separation



What controls can we use?

Мо	bile
Password/Encryption •	/
Secure Delete	?
Patching/Anti-Virus	?
"Context Awareness"	/
Secure Communications (SSL)	
Software Control/Separation	?



What controls can we use?

BYOD		Mobile
\checkmark	Password/Encryption	\checkmark
?	Secure Delete	?
?	Patching/Anti-Virus	?
\checkmark	"Context Awareness"	\checkmark
\checkmark	Secure Communications (SSL)	\checkmark
?	Software Control/Separation	?



What *is* the difference?

Some controls inappropriate for personal devices

- » Deep monitoring (program or network activity)
- » Location tracking (at least until it's reported lost!)
- » Physical destruction!

But do you do those anyway?

Some other differences

- » Which group has more powerful hardware?
- Which group is more motivated?





Talking of motivation...

Your devices in their hands

- » BT Survey found 81% didn't care about "mobile security"
- Users more aware than CEOs!





Talking of motivation...

Your devices in their hands

- » BT Survey found 81% didn't care about "mobile security"
- >> Users more aware than CEOs!

Users care about own devices/data

- » Help them protect those
- » And reap the benefits





And of course you need...

Good wifi

» Firewalled from internal LAN

Server-side measures

»If data shouldn't be stored remotely

Support for a wide range of devices

But you have those already ©





The BYO Difference

A significant new opportunity

Maybe not a significant new risk

It's happening anyway

Why not design for it?





Questions?



References

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