

# .internal

~~RFC 1918 for names~~

A condom for the namespace

# Name collisions...

## Remember this topic?

Fun, wasn't it?

It hasn't gone away yet...

# I wanna pony!

Users want an internal / disconnected namespace

corp	0.48
home	0.43
internal	0.55
localhost	0.28
localdomain	0.50

... but we **told** them not to do this.

# This was BCP

<https://support.microsoft.com/en-us/help/296250/the-domain-name-system-name-recommendations-for-small-business-server>

"Three practical methods to name the DNS domain are:

- \* Make the name a private domain name that is used for name resolution on the internal Small Business Server network. This name is usually configured with the first-level domain of .local. At the present time, the .local domain name is not registered on the Internet.
- \* Make the name a sub-domain of a publicly registered domain name. For example, if the publicly registered domain name is Contoso.com, a sub-domain of Corp.contoso.com can be used.
- \* Make the name the same as a publicly registered domain name.

**Most Small Business Server customers should use the first method.** The following list describes some of the advantages when you use a separate and private domain name for the local Small Business Server network:

...but I wanna pony!



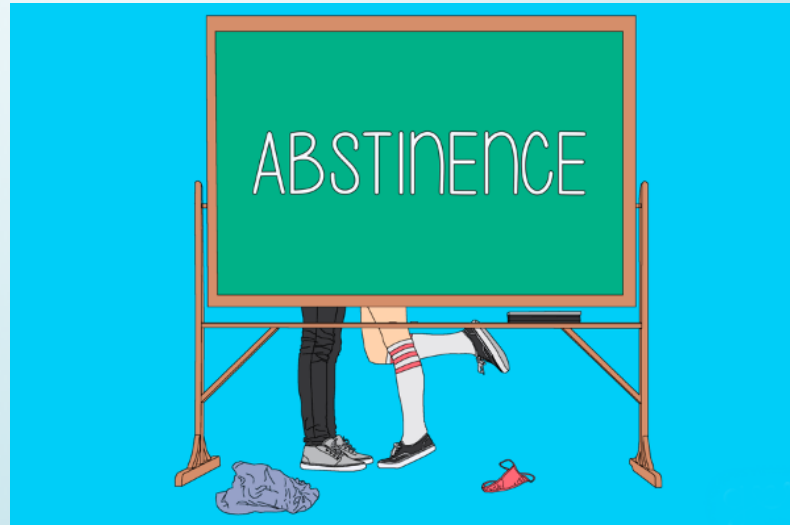
# ..wanna wanna pony!

Actually we say "Use something under a registered domain"

- We are the adults, this is risky behavior, you don't actually want to do this

We also preach abstinence

Regardless of what we think of the behavior, we can't stop people doing this - but we **can** make it less risky.



# .internal

Add .internal to IETF Special Use Names

Has to be a TLD for non-technical / aesthetic reasons

DNSSEC requires that this be added to the root, with a DNSSEC insecure delegation.

- happy to cover the reasons off-line
- no process for this.
  - Will require creating one!





A P O N Y

Next time you'll buy me one