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email - POP vs IMAP

GX Computer Club, May 2015

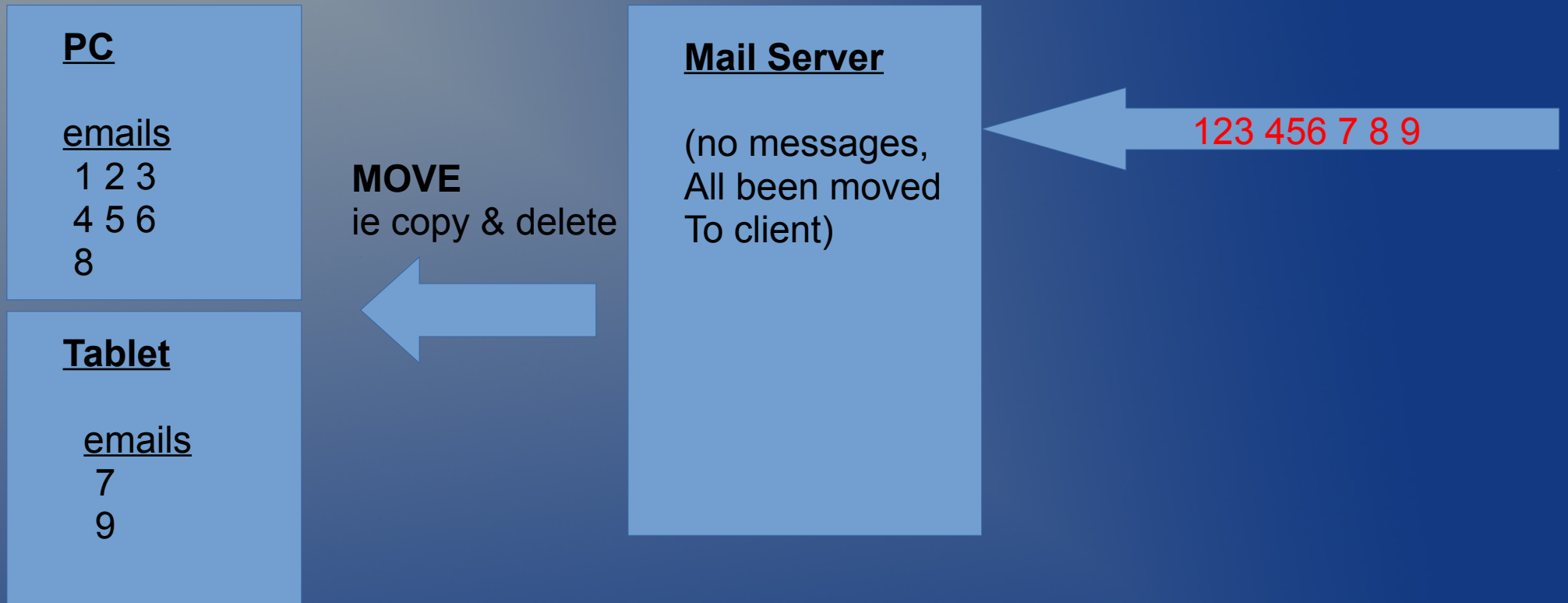
t: 01753 893390

m: 07860 951570



POP – Simpler Older mechanism

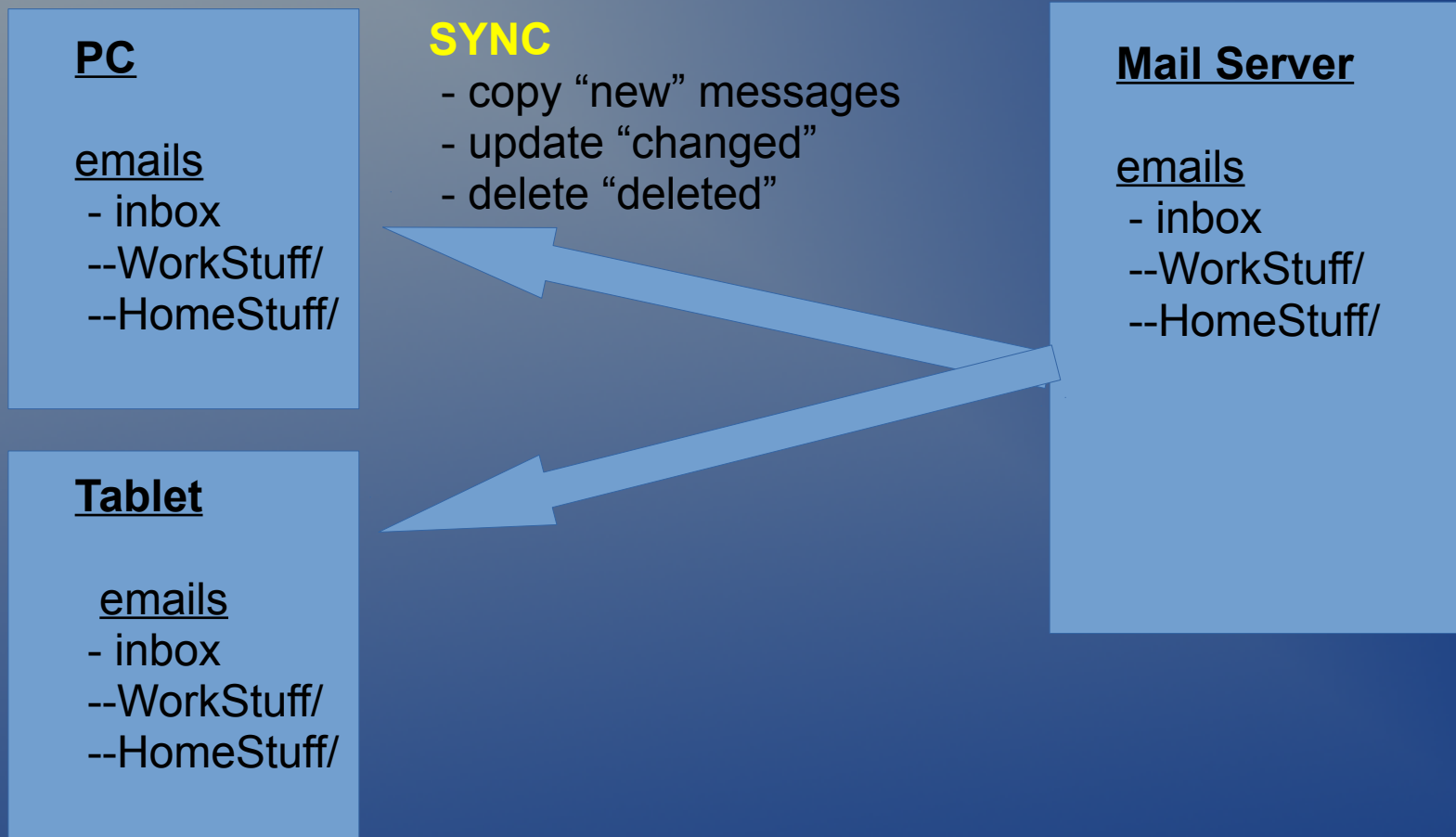
- “Post Office Protocol”



No Folders,
Inbox is “Just 1 big folder”

IMAP – The new way!

- “Internet Media Access Protocol”



Messages and Folders
Are replicated on all devices

Connecting to a server

Domain Name Server

? pop.1and1.co.uk
= 212.227.15.138

PC

OUTLOOK

IN:

pop.1and1.co.uk
:110

OUT:

auth.smtp.1and1.co.uk
:587

BROWSER

IN / OUT:

webmail.1and1.co.uk
:80

Mail Server

eg 212.227.15.138

Program

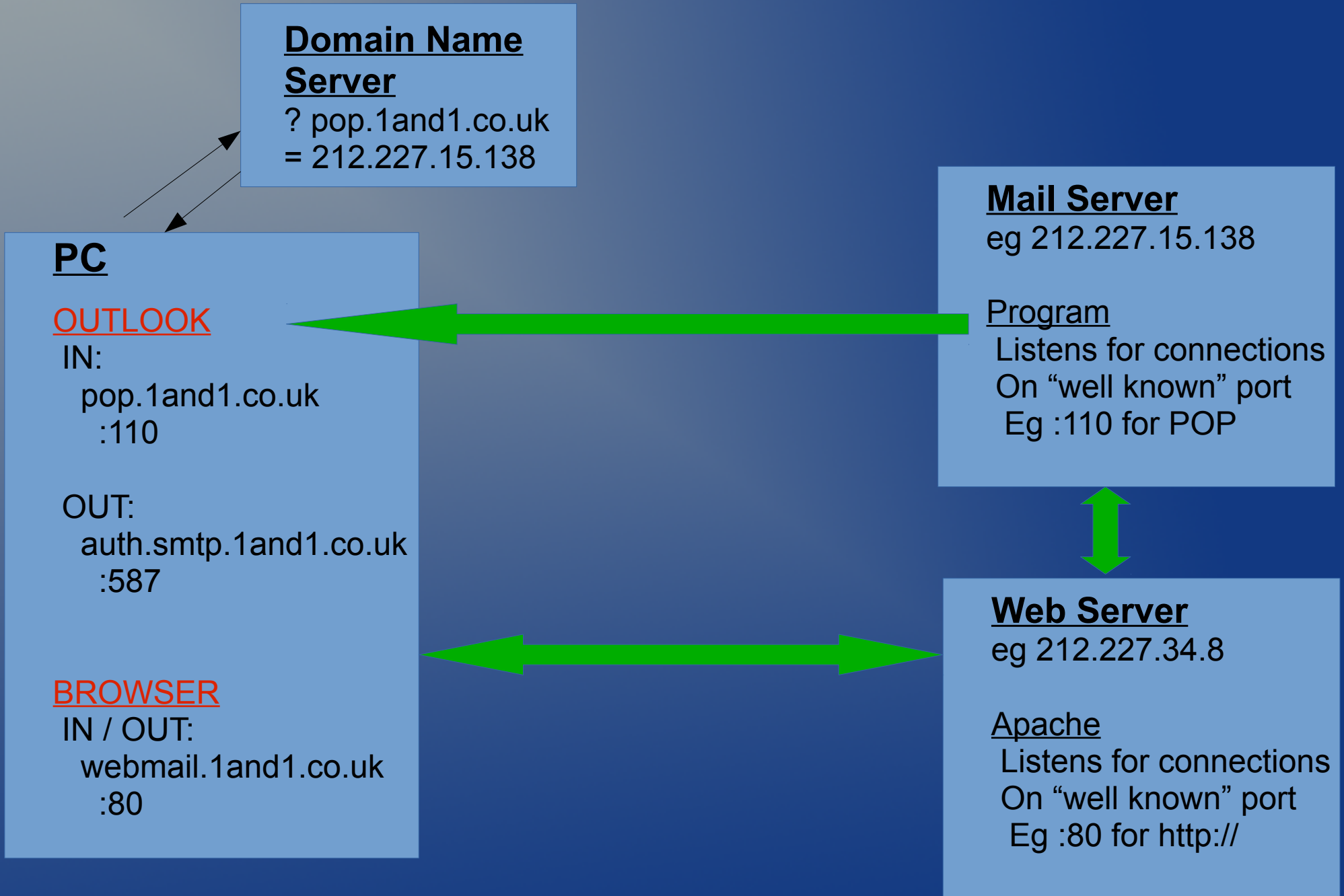
Listens for connections
On "well known" port
Eg :110 for POP

Web Server

eg 212.227.34.8

Apache

Listens for connections
On "well known" port
Eg :80 for http://



Mail servers

My Mail Servers

Your Mail Servers

Me

PC

OUTLOOK

IN:

pop.....:110
Or imap....:143

OUT:

smtp.....:587

POP Server

pop.1and1.co.uk
= 212.227.15.138

IMAP Server

imap.1and1.co.uk
= 212.227.15.138

SMTP Server

smtp.1and1.co.uk
= 212.227.15.138

You

PC ...

POP

IMAP

SMTP

