

I Am Spartacus The Broadcaster

The Old Geek

We, In Bimbleborough Can Put You In
Touch With the World!

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About the Author:

- Allen Woods, retired several years ago....
- Ex British Army (1971 – 1995) Taught Arctic Warfare, Several Years On Operations, Funded Himself through College to Study IT
- Chartered Member of the British Computer Society for 20 years
- Member of the Chartered Status Interview Panel for BCS
- In 2010, Finalist of UK “Developer Of The Year” Competition for MOD HSIS
- Primarily Employed in UK Defence Supply Chain and Logistics IT since 1995 until 2019
- Credits: MoD Health and Safety Information System, Various Internal to Defence P&G Portals, CATMIS, IQB Oversight to Defence Voyager Programme IM Transformation and more...

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Introduction

So, you want to commission a web site, get on line, meet the world. You find a company like that of my alter ego and agree a price.

Lets introduce another elephant in the room.. Where your web site might live and what that may mean in respect of you making sure it is “safe to use”..

One part of “safe to use” follows..

Allow 45 minutes minimum as this deck will prompt questions

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Index

For those following this exercise, the slide decks below are part of the set

[I am Spartacus](#) – Introducing some of the key players

[I am Spartacus and I Own A Company](#) – My alter ego and his operating environment

[I am Spartacus and I Make Trojan Horses](#) – A web site is a composite operators are responsible for

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Revision

If time allows, it may be worth reviewing the previous deck entitled “[I Am Spartacus And I Make Trojan Horses](#)” as this deck about the tangled web we weave with near casual abandon, builds on it...

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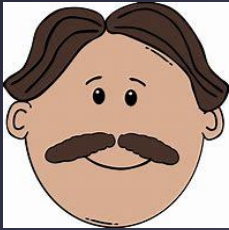
A Bit More Dot Joining...



Introducing “Sitemasters” your web site host of choice...

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Cast Your Minds Back



I AM ALLEN WOODS...



Hiya!, We work with Sitemasters Inc a world renowned web hosting company, our team will work with you to get your site up and running in no time at all...

I am Spartacus And I Make Trojan Horses

The Sales Pitch

User Interface	We use "wordspace" one of our international partners and their framework to develop a user experience for you so your visitors can communicate seamlessly with your company.
Open Source Components	We have a library of "open source" components that integrate fully into the "wordspace" world, we can build a shopping cart, email capability, chatbots and more to suit your needs..
Data Driven	All of our sites are data driven so you can keep track of any communication between your company and your visitors, online, real time. Our main choice of database is SQLLock an industry standard popular tool we have long experience of...
Web Connectivity	We have a close relationship with our web host company "Yoursite" which has a worldwide presence using industry standard servers in data centres across the globe. We can have you up and running in no time at all
Server side set up	You will have complete control of your site host, source code and data and be able to access it all at any time through our secure portal....
Help when you need it...	Our team of experts are there to support you if you have technical issues..

Beware of geeks bearing gifts...

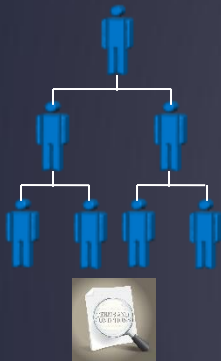
So.. What Might That Mean?

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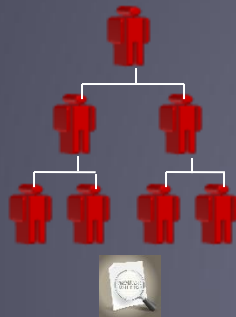
SITEMASTERS – Easy Hosting Solutions... Honest!



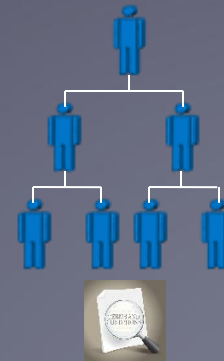
Sitemasters is actually a conglomerate... Registered somewhere in the world....



There is Sitemasters HQ in the US near the beltway



There is Sitemasters Server centre in a different US state



There is Sitemasters Domain Management in the US but in yet another state



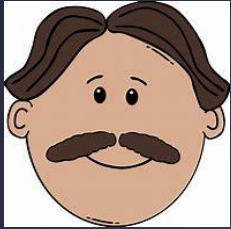
Sitemasters Domain Management is hosted elsewhere..

With its hosting supplied by "Bling" the on line market place(s)

Sitemasters hosts some 25 million domains from all over the world

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So... In overview... To set up a site...

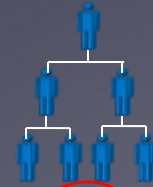


Step One

Allen gets commissioned to build a site

Step Two

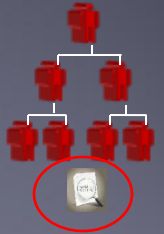
Allen "buys" server space, domain registration and other we administration services from Sitemasters HQ



Sitemasters HQ

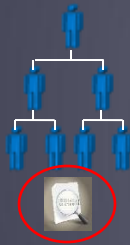
Step Three

Sitemasters HQ sets aside server space, allocates an IP address configures DNS records



Step Four

Sitemasters Domain registers the new domain BUT for administrative reasons retains ownership of the new domain in their company name



Sitemasters Domain Mgmt



Step Five

Who then manage domains and renewals on a Bling owned server..



Step 6

Allen and his team build the site using multiple components from multiple code libraries



Terms and conditions apply.....

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Sitemasters hosts some 25 million domains from all over the world

A few things to ponder over...

ICANN: Maintains the definitive database of TLD and the registry operators for each.

TLD: Top Level Domain is the .ext you type into your web browser.

Registry: A registry is the organisation that manages any particular TLD extension.

Registrar: A registrar is a company that registers a domain name for a registrant.

Registrant: A registrant is the owner of a domain name.

As it stands, there is no relationship between geographical location and TLD's..

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To Keep Track Of Where Everything Is, there is DNS

Needless to say, there is a need to keep track of the location of each domain name in order for visitors to this or that web site to be able to find them using their devices. The “[Domain Name Server](#)” network provides the means to do that...

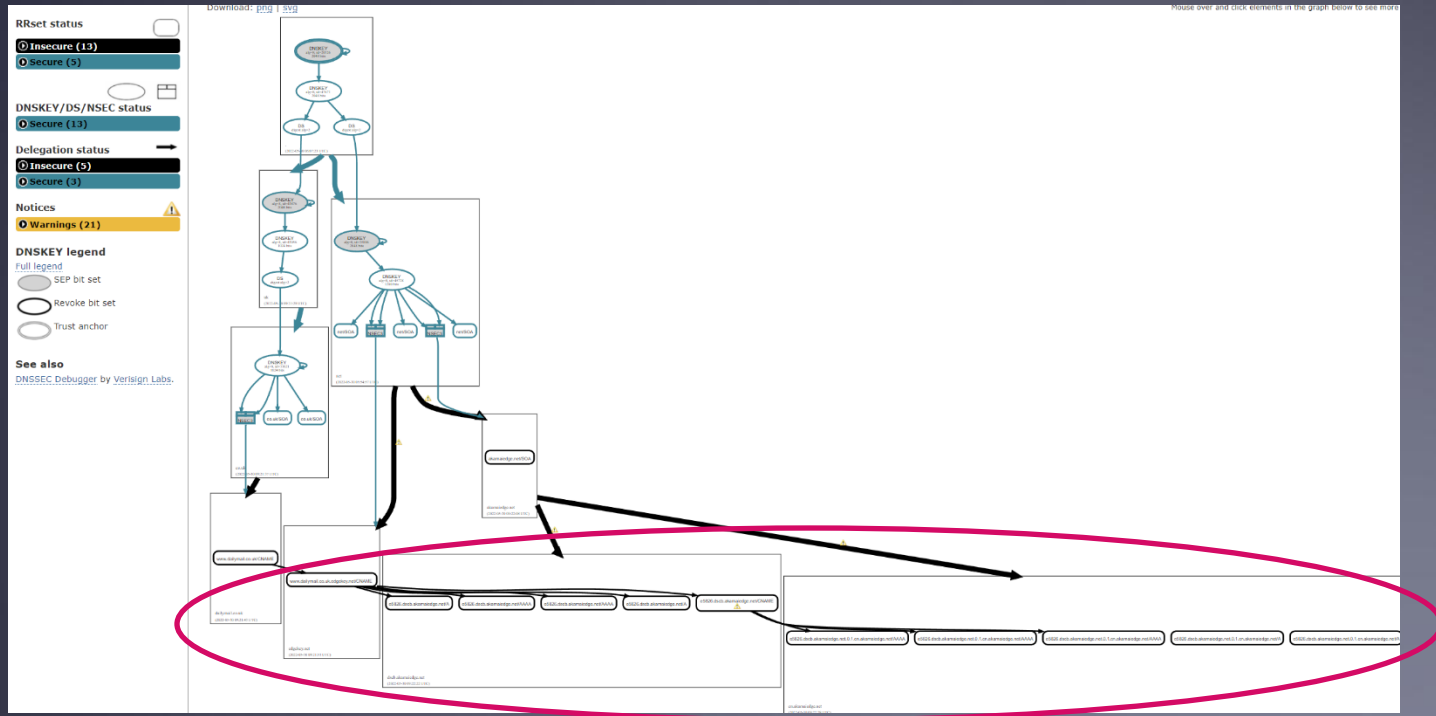


Multiples of companies, multiples of jurisdictions. You are all international lawyers now.. Or rather you may need to be...

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Because...

At the lowest level of a DNS “tree”, site operators are responsible for securing their domain.



Given there is no relationship between geographical location and TLD, the site host can be anywhere

You need to be a DNS security expert too..

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A Warning

Multiples of companies, multiples of jurisdictions. You are all international lawyers now.. Or rather you may need to be...

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Summary

A web site is for life, not just for Christmas. On DNS security, having looked and produced a [client side impact guide](#), very, very few site operators seem to be aware of the nature of the technical and commercial risk..

Just saying

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