



L2Cyber
Security Solutions

#SecuritySimplified

Cyber Security Scams in the COVID19 era

Webinar will commence shortly ...

6th April 2020 – 10:00-11:00 (IST)

Presenter: Liam Lynch



@L2_Evangelist



[linkedin.com/in/lynchliam](https://www.linkedin.com/in/lynchliam)

Introductions:

About Me: *Liam Lynch*

- * Over 30 Years working in IT, starting as a developer before moving into Security, Networking and Infrastructure
- * I am fanatical (*paranoid*) about security & privacy
- * I enjoy hill walking and Formula 1 motor racing
- * I have three dogs

Dino 13

Scamp 6

Paddy 5



Introductions:

About the company: *L2 Cyber Security Solutions*

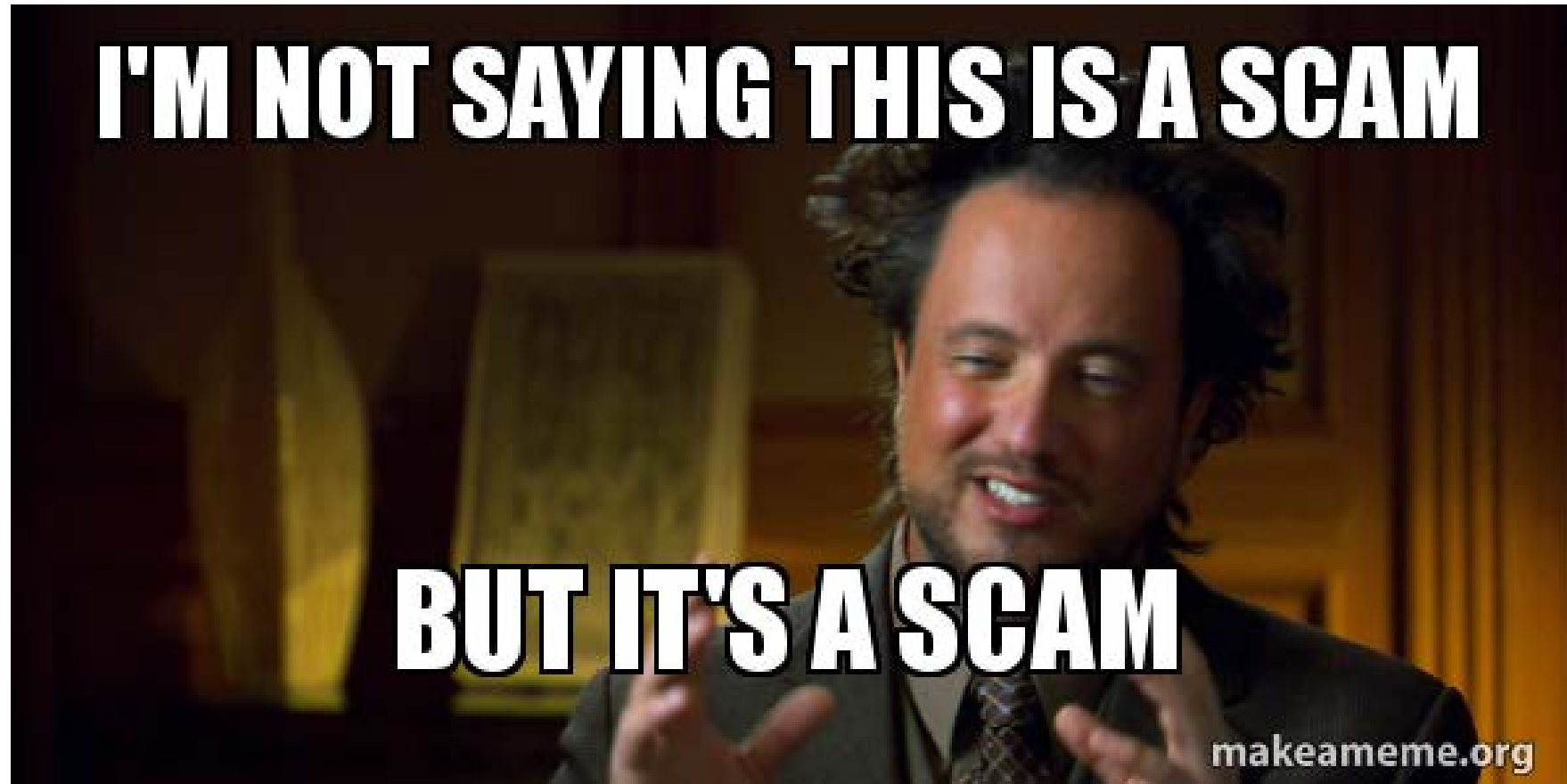
- * Cyber Security Training and Consulting
- * Data Protection (GDPR) Training and Consulting
- * GDPR Audits powered by [Serity.io](https://www.Serity.io)
- * Business Continuity Planning & IT Disaster Recovery Planning
- * IT Infrastructure review
- * Securing Wordpress Websites

Agenda

1. Crisis Scams
2. Remote Working
3. The Work-From-Home Environment
4. Ask-Me-Anything – support@l2cybersecurity.com

Crisis Scams

What to look for and how to protect against them



Crisis Scams

- Dodgy emails from WHO

```
From: World Health Organisation <info@who.org>  
To: xxx  
Subject: CORONAVIRUS TRAVEL RECOMMENDATIONS
```

Dear Sir / Madam,

Following the vertiginous spread of the CORONAVIRUS epidemic, which has already left more than 4,200 people dead and 119,000 cases worldwide; we recommend these sanitary measures.

Download these measures <https://www.dodgy.link>

Kind Regards,

WORLD HEALTH ORGANIZATION

Avenue Appia 20

1202 Geneva

Swiss

Phone: + 41-22-7912111

*Image from Xavier at the SANS Internet Storm Centre

Ask-Me-Anything

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Crisis Scams

- Dodgy emails from the “government”

New programme against COVID-19



<GOV UK Notify>


 GOV.UK

The government has taken urgent steps to list coronavirus as a notifiable disease in law

As a precaution measure against COVID-19 in cooperation with National Insurance and National Health Services the government established new tax refund programme for dealing with the coronavirus outbreak in its action plan.

You are eligible to get a *tax refund (rebate)* of 128.34 GBP.

Dodgy link  [Access your funds now](#)

Good link  <https://www.nhs.uk/conditions/coronavirus-covid-19/> precautionary measure against corona)

At 6.15pm on 5 March 2020, a statutory instrument was made into law that adds COVID-19 to the list of notifiable diseases and SARS-COV-2 to the list of notifiable causative agents.

Ask-Me-Anything

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Crisis Scams

- Emails about ...
 - measures to protect against infection
 - a cure or vaccine for the virus
 - seeking donations ... to a bitcoin wallet
- Any email that comes unsolicited
 - That contains a link
 - That has an attachment
 - **DELETE IT!**

Ask-Me-Anything

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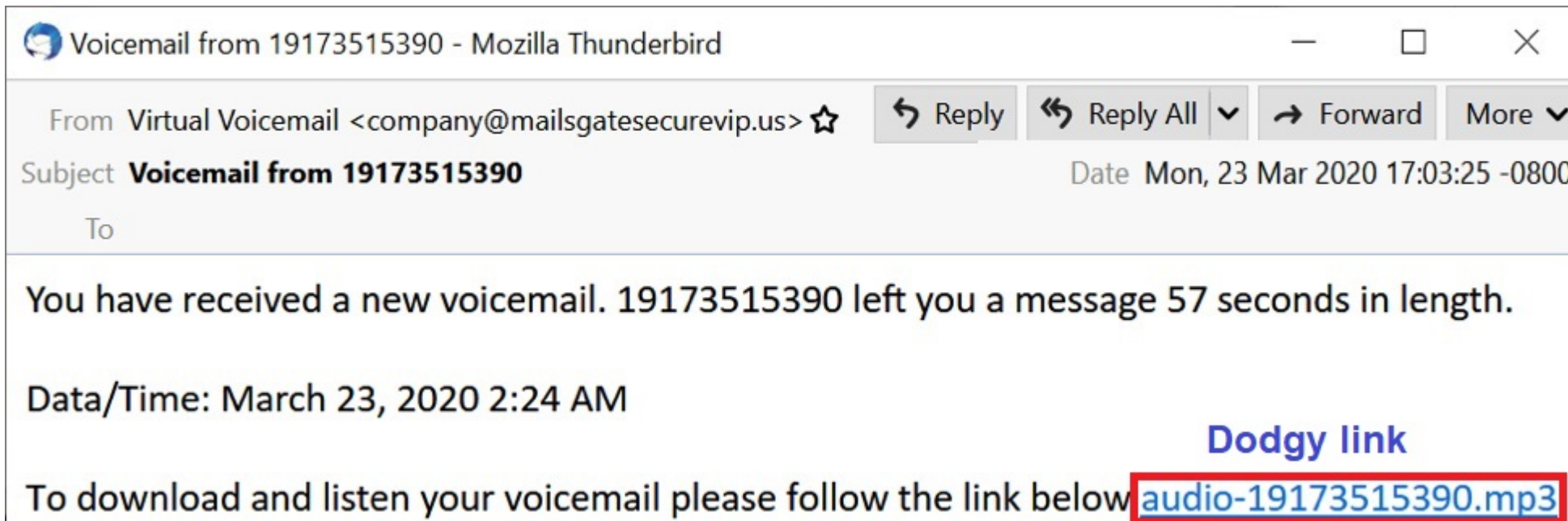
Remote Working

What cyber risks do new home workers face



Remote Working

- Strange emails that must be something new for home workers



Voicemail from 19173515390 - Mozilla Thunderbird

From Virtual Voicemail <company@mailsgatesecurevip.us> ☆ Reply Reply All Forward More

Subject **Voicemail from 19173515390** Date Mon, 23 Mar 2020 17:03:25 -0800

To

You have received a new voicemail. 19173515390 left you a message 57 seconds in length.

Data/Time: March 23, 2020 2:24 AM

To download and listen your voicemail please follow the link below [audio-19173515390.mp3](#)

Dodgy link


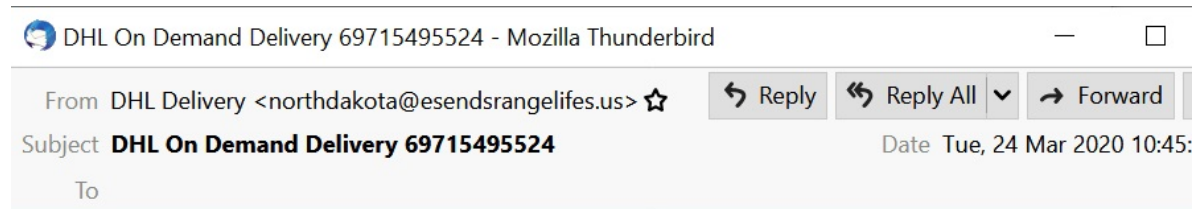
*Image from Brad at the SANS Internet Storm Centre

Ask-Me-Anything

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Remote Working

- Work must be sending me stuff by courier



YOUR DELIVERY IS TODAY

Recipient [redacted]

Your DHL EXPRESS shipment with waybill number 69715495524 from EASYSHIP F S LTD.

Please check your shipment and contact details below. If you need to make a change or track your shipment, click [Here.](#)

DELIVERY INFORMATION

Tracking Number	69715495524
Purchase order number	C5979476616

YOUR CONTACT DETAILS

Ship Date	Fri, 03/20/2020 08:48 am
Delivery date	Tue, 03/24/2020 03:31 pm
Email Address	[redacted]

Dodgy Links (with red arrow pointing to the tracking number link)

*Image from Brad at the SANS Internet Storm Centre

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Remote Working

- Any unusual emails, that may seem plausible
- **Call Somebody / Message Somebody**
- Check and Verify before taking action

Remote Working

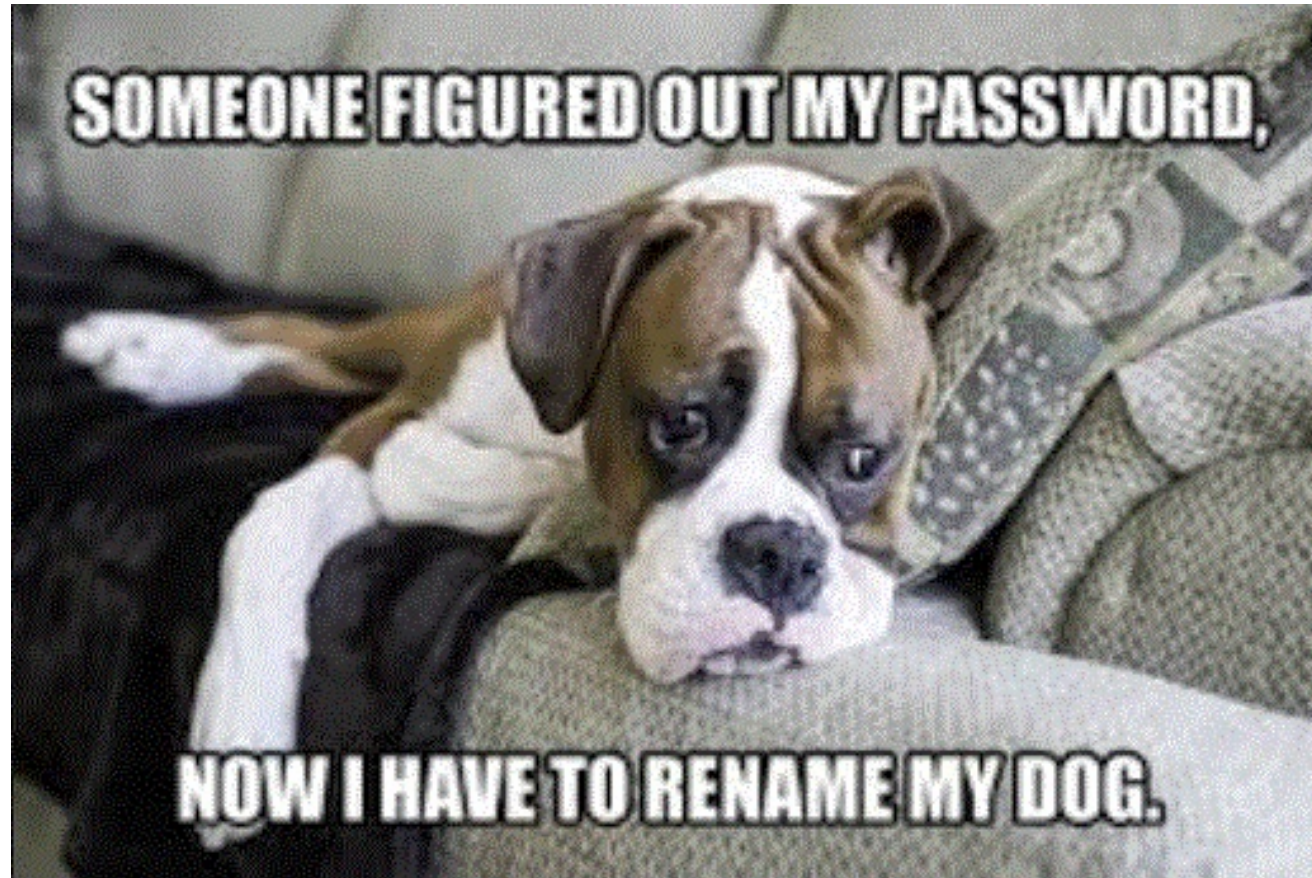
- Securing Zoom Meetings
 1. Password for the meeting
 2. Enable waiting room
 3. Enable Host only screen sharing
 4. Disable allow removed participant to rejoin
 5. Disable file transfer
 6. Don't publish meeting link in public
 7. Keep Zoom client updated
 8. Don't screenshot the meeting and post publicly

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The Work-From-Home Environment

Securing your far flung assets



The Work-From-Home Environment

- Company should provide the device
- Ensure it's storage is encrypted
- Use Two-Factor Authentication
- Provide details for employees on usage and support
 - How to keep the device updated, including Anti-Virus Software
 - How to use a secure connection – VPN (Virtual Private Network)
 - How to ensure that data is being backed up
 - Handling personal data, particularly paper-based

Ask-Me-Anything

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The Work-From-Home Environment

- Securing the home network
 - The home internet router must have its administrative password changed from the default password
 - The Wi-Fi name should be changed from the default name
 - The Wi-Fi must require a password (12 characters+) on the WPA2-PSK (or higher) setting
 - No smart-speakers in listening distance of the home office
 - No CCTV watching the work environment
 - The Device is not a toy for youngsters to play with after hours

Ask-Me-Anything

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Ask-Me-Anything



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Connect with me:

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