

From: [REDACTED] Staff/ABS
To: [REDACTED]
Cc: David Kalisch/Staff/ABS@abs
Date: 09/08/2016 10:56 AM
Subject: Re: Good Luck

Thanks [REDACTED]

Sent from my iPhone

On 9 Aug 2016, at 10:46 AM, [REDACTED] wrote:


David, [REDACTED]

I am a little bit late but I hope all goes well today.

Best regards

[REDACTED]



Re: Fw: [REDACTED] media request [DLM=For-Official-Use-Only] 

09/08/2016 12:18 PM

Cc: [REDACTED]

This message is digitally signed.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[Redacted]
[Redacted]

[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]

----- Forwarded by [Redacted] Staff/ABS on 09/08/2016 11:58 AM -----

From: [Redacted]
To: [Redacted]
Date: 09/08/2016 11:47 AM
Subject: [Redacted] media request

Hi [Redacted]

Thanks for your time on the phone just now.

As mentioned, we are wondering if David Kalisch is doing a media conference today?

If not, we'd be very keen to line up an interview with him this afternoon for our census story tonight on [Redacted]

My contact details are below.

Thanks very much
[Redacted]

[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]

Please consider the environment before printing this e-mail.

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Update

09/08/2016 10:58 PM

Cc: [REDACTED]

This message is digitally signed.

[REDACTED]

[REDACTED]
[REDACTED] We are preparing a brief on the situation that we will send to
Treasurer and PM this evening.

It will be important that ASD can provide some assessment of the cause of the outage at the
meeting. [REDACTED]

[REDACTED] We won't bring the system back up until we can assure the public that the system is
safe - we will need ASD assistance to provide that assurance.

Regards

[REDACTED]

[REDACTED]
[REDACTED]

Australian Bureau of Statistics

[REDACTED] | W: www.abs.gov.au



**Fw: Action: Census briefing document for 5am meeting
[DLM=For-Official-Use-Only]**

10/08/2016 04:48 AM

[REDACTED]
[REDACTED]
Australian Bureau of Statistics

[REDACTED] | W: www.abs.gov.au

----- Forwarded by [REDACTED] Staff/ABS on 10/08/2016 04:48 AM -----

From: [REDACTED] Staff/ABS

To:

[REDACTED] David

Kalisch/Staff/ABS@ABS, [REDACTED] Staff/ABS@ABS,

Date: 10/08/2016 01:26 AM

Subject: Action: Census briefing document for 5am meeting [DLM=For-Official-Use-Only]

Good morning

The briefing for the 5am meeting:



Regards Census Briefing 10-8-16.docx

[REDACTED]
[REDACTED] | Australian
Bureau of Statistics | [REDACTED]
(W) www.abs.gov.au

Briefing (issued 10/8/16 1.20am)

1. [REDACTED]
[REDACTED]
[REDACTED]
2. On Census day, Tuesday 9 August, at 10.08am the Online Census Form monitoring systems detected a significant increase in traffic. This was sustained for a period of eleven minutes, causing a system outage of approximately five minutes. Most users were able to resume and submit their forms. The traffic subsided at 10.19am without action from ABS or IBM and the system returned to normal. It was suspected to be a denial of service attack and investigations into it were commenced by ABS and IBM.
3. At 11.46am another increase in traffic was observed, seemingly a second denial of service attack. Consistent with our "denial of service" mitigation response plan, blocking of all international traffic was activated at 11.50am which immediately stopped the attack. Again a short system outage was experienced. Most users were able to resume and submit.
4. A decision was taken to maintain a block on all international traffic until midnight 9 August.
5. At 11.55am the incident was reported to Australian Signals Directorate (ASD) for their information and also to seek any advice on prevention of further attacks or any threat intelligence related to the ABS.
6. At 4:58pm there was a moderate increase in traffic, which was automatically defended by network firewalls. Additional measures were taken to prevent further attacks of this type.
7. At 6:15pm a small scale denial of service attack was attempted on the ABS website and was stopped by Denial of Service protections.
8. [REDACTED]
[REDACTED] Census forms were submitted by 7:33pm with a peak submission rate of 150 form submissions per second. This was well within system capacity of 260 forms per second and all system performance monitoring indicated good performance.
9. At 7:30pm the Online Census Form monitoring systems detected a significant new denial of service attack. This attack took a different form than previous attacks. [REDACTED]
[REDACTED]
- [REDACTED]
11. At 8:50pm the online form system had been restored, however the overload control was activated to prevent connections until the state of the systems and their integrity could be assessed. The ABS provided a public message through social media and ABS website to indicate that there was a system outage and to try again later.

[Redacted]

[Redacted]

[Redacted] no

Census data was compromised.

15. A public message was communicated at 11:00pm to advise that the system would not be restored tonight and that updates would be provided in the morning.

16. The system was restored at approximately 11:00pm but was not brought online as a cautionary measure. All completed Census form data was backed up and transferred into the ABS environment.

17. Advertising has been suspended.

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

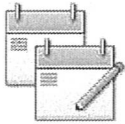
[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]



Hook up - [REDACTED]
[REDACTED]

Calendar Entry

Wed 10/08/2016 5:00 AM - 5:30

AM

Chair: [REDACTED]

Location: [REDACTED]

Description

[REDACTED]



Fwd: Draft ABS statement

David Kalisch

to:

10/08/2016 05:56 AM

Sent from my iPhone

Begin forwarded message:

From: "David Kalisch" <david.kalisch@abs.gov.au>

Date: 10 August 2016 at 5:46:55 AM AEST

To:

Cc:

Subject: Draft ABS statement



Sent from my iPad Census attack.docx

The On-line Census form was subject to four Denial of Service attacks yesterday of varying nature and severity.

The first three caused minor disruption but more than 2m forms were successfully submitted and safely stored

After the fourth attack, just after 730pm, which was more significant, the ABS took the precaution of closing down the system to ensure the integrity of the data.

[REDACTED]

Steps have been taken during the night to remedy these issues.

We expect to have a further update at 9am on the timing of the resumption of availability of the Census on line form

ABS would remind Australians that they have plenty of time to complete the Census, to well into September, and again note that fines will not be imposed for any delays in completing the Census



[Redacted text block]

[Redacted text line]

[Redacted text line]

9/8/2016

5:56pm David: Great messages on the Drum. Was not an easy gig but you got some really good cut throughs when you had the chance. David

10/8/2016

[Redacted text block]

[Redacted text block]

[Redacted text line]

[Redacted text line]

[Redacted text block]

Australian Bureau of Statistics

[Redacted text line] | W: www.abs.gov.au