

Questions, Issues,
Concerns, Suggestions
Welcome at any time
Even Now

Sun City Computer Club

Cyber Security SIG

January 18, 2018

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- Current Topics – Presenter and attendees
- Presentation
- Questions
- Any other business

- Questions, Issues, Concerns at any time

Suggested Agenda

random sampling gives you only a small picture of the population. Of course you would have to figure out how large of a population will need to be accounted for to get a chance to be picked, so if the population is too large, this type of sample size it has usual then you will not get a good representation of the population.

For a research project, it's important to figure out who your target subjects will be. From there you can do random sampling. It's important to select subjects from a population that are representative of the one

Effect is also an issue of the sampling process. Some studies may require subjects to undergo testing or to some physical or psychological harm to the subject. It is unethical to discriminate or cause harm to be

In sampling, a few things to take into consideration are the number and selection of participants, what variables and the receipt of price

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Web Page

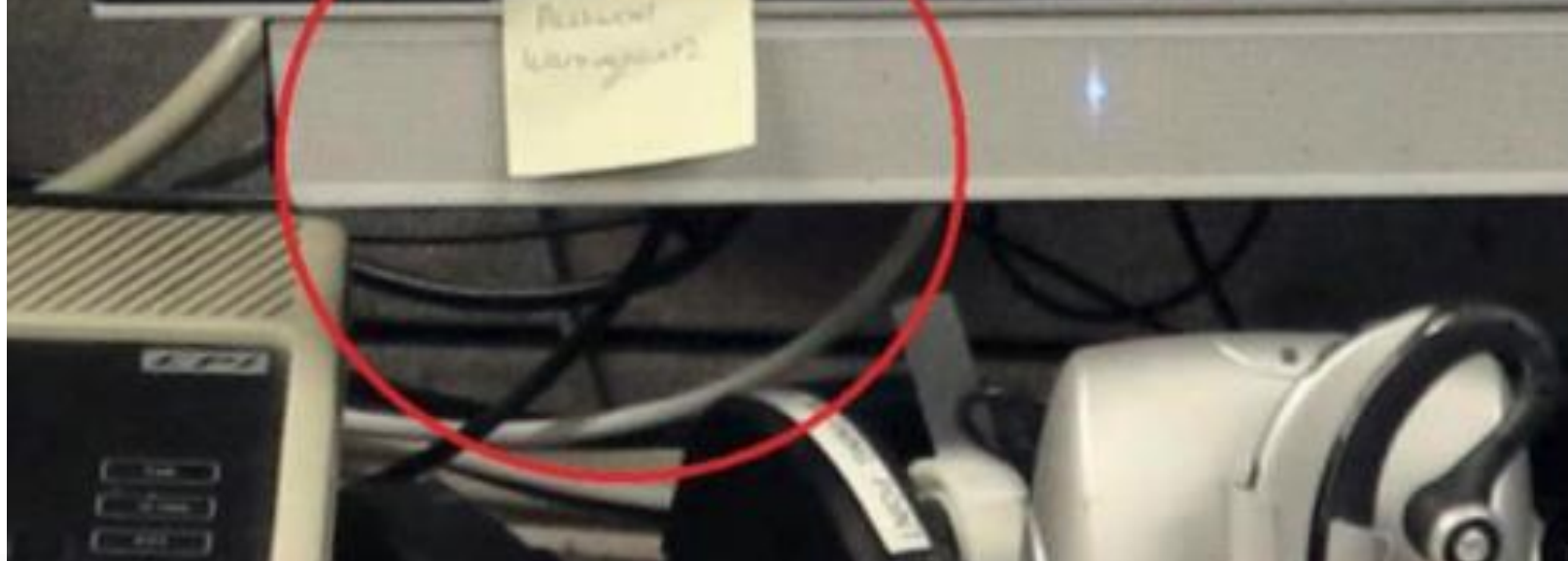
Search

Discussion Home -> Main -> Discussion Forum 2: The Logic of Sampling



DELL

Richard
Larngard





- Spectre and Meltdown
- Speculative execution
- Branch prediction
- Firmware microcode
- Conspiracy??

Meltdown & Spectre



- IoT
- SPARC
- Blue Screen
- Brick Boot cycles
- Bandwidths
 - Network 1 Gb/sec
 - Disk 2 GB/sec
 - Memory 10 GB/sec
 - Cache 100 GB/Sec
 - Registers 1 clock cycle

Meltdown & Spectre



InSpectre: Check Spectre and Meltdown Prevention



InSpectre

Release #1

Check Windows operating system
and processor hardware safety.
Freeware by Steve Gibson / @Sggrc



Spectre & Meltdown Vulnerability and Performance Status

Vulnerable to Meltdown: **YES!**

Vulnerable to Spectre: **YES!**

Performance: **GOOD**

(full details below)

In early 2018 the PC industry was rocked by the revelation that

See GRC's InSpectre webpage at: <https://grc.com/inspectre.htm>
for a full explanation of the use and operation of this freeware utility.

Enable Meltdown Protection

Enable Spectre Protection

Exit



InSpectre

Release #1

Check Windows operating system and processor hardware safety.
Freeware by Steve Gibson / @Sggrc



update the system's hardware and software for maximum security and performance.

This system's present situation:

- This 64-bit version of Windows is **not aware of either** the **Spectre** or **Meltdown** problems. Since Intel processors are vulnerable to both of these attacks, this system will be vulnerable to these attacks until its operating system has been updated to handle and prevent these attacks.

See GRC's InSpectre webpage at: <https://grc.com/inspectre.htm> for a full explanation of the use and operation of this freeware utility.

Enable Meltdown Protection

Enable Spectre Protection

Exit

Registry Editor

File Edit View Favorites Help

Computer\HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion

- Privacy
- > PropertySystem
- > Proximity
- > PushNotifications
- > Reliability
- > RetailDemo
- Run
- RunOnce

Registry Editor

File Edit View Favorites Help

Computer\HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\QualityCompat

Name	Type	Data
(Default)	REG_SZ	(value not set)
cadca5fe-87d3-...	REG_DWORD	0x00000000 (0)

Task Manager

File Options View

Processes Performance App history Startup Users Details Services

CPU
21% 2.49 GHz

Memory
6.4/11.9 GB (54%)

Disk 0 (C: D:)
4%

Ethernet
S: 160 R: 88.0 Kbps

Wi-Fi
Not connected

Bluetooth
Not connected

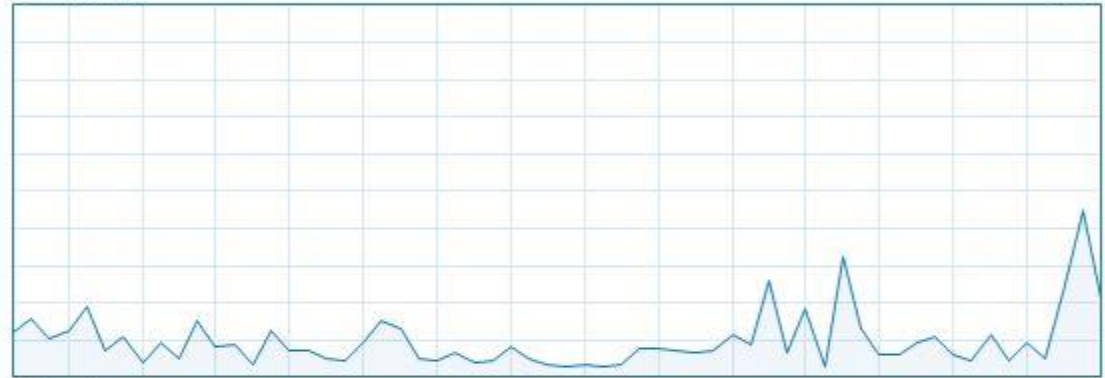
GPU 0
Intel(R) HD Graphics 4600
2%

CPU

Intel(R) Core(TM) i5-4570 CPU @ 3.20GHz

% Utilization

100%



4 minutes

0

Utilization	Speed	Base speed:	3.20 GHz
21%	2.49 GHz	Sockets:	1
Processes	Threads	Cores:	4
232	3358	Logical processors:	4
Handles	Up time	Virtualization:	Disabled
108966	0:03:31:53	Hyper-V support:	Yes
		L1 cache:	256 KB
		L2 cache:	1.0 MB
		L3 cache:	6.0 MB

[Fewer details](#) | [Open Resource Monitor](#)

- High Sierra App store ANY password
- WPA3
- Border Patrol inspection of devices
- Browser extension add-ons – repair
- Ukraine NotPetya
- Intel AMT
- Cyber weapon on VirusTotal
- FISA Section 702
- Hawaii ICBM alert
- Snowden “last straw”

Current Topics

SECTION
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Trump Alarms Lawmakers With Disparaging Words for Haiti and Africa



House Votes to Renew Surveillance Law, Rejecting New Privacy Protections



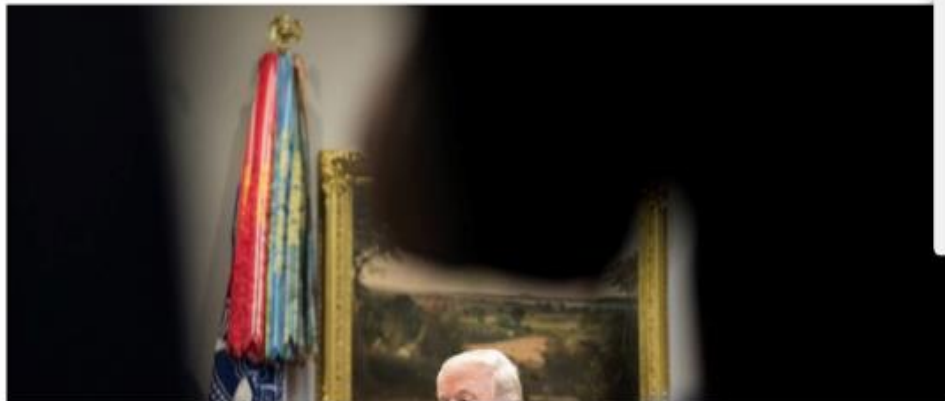
Trump Administration Says States May Work Requirements for Medicaid

 Cleveland Clinic  See how the #1 makes history.

POLITICS

Trump Alarms Lawmakers With Disparaging Words

By JULIE HIRSCHFELD DAVIS and SHERYL GAY STOLBERG JAN. 11, 2018



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12. c.amazon-adsystem.com
13. c.go-mpulse.net
14. cdn.krxd.net
15. cdn.optimizely.com
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Words for Haiti and Africa

House Votes to Renew Surveillance Law, Rejecting New Privacy Protections JAN 11

House Republicans' Hard-Line Immigration Stand Clashes With Trump Overture JAN 10

- Questions, suggestions, comments?

- Chicken Little
- Tortoise and hare
- Each of us safer, all of us safer

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