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r/sysadmin



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r/sysadmin • 2 yr. ago

gangaskan



wiping a ssd where to begin?

I need to wipe a laptop with a 7 pass, will dban be OK? Or is there some procedure that I need to follow.



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3



32



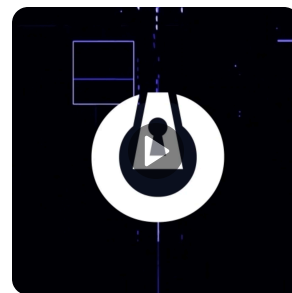
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flarestarwingz • 2y ago

If it's an SSD, there will likely be a manufacturer tool for performing a secure erase. SSDs have a specific "Secure Erase" function that applies voltage and clears the drive in one go. That save's writing 7 passes over the drive, reducing wear on it. But as ever, check that meets your requirements for secure wiping!



26

gangaskan **OP** • 2y ago

I'll have to check with Dell then!



2



7 more replies



[deleted] • 2y ago



pdp10 • 2y ago

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- 7 passes is for people reading DoD standards from the late 1980s. we do one zeroing pass with badblocks and you're not getting any data from that hardware. If you need more than this, then one random pass and one zeroing pass, but it's really overkill.

9



Mr_ToDo • 2y ago

Ya, for SSD I tend to go with the devices supported erase and then at least one full pass of writes just in case the vendor doesn't do their implementation properly(ya it might not get all the blocks but it's better than nothing). Also, I'm not really worried about the lifetime of the drive if I'm at the point of wiping a drive so full writes aren't a concern.

3



[deleted] • 2y ago

Always wipe front to back

6



jamesaepp • 2y ago

Like with a cloth or something?

<https://www.bleachbit.org/cloth-or-something>

2



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TabooRaver • 2y ago

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First get a computer running your favorite flavor of Debian, you can use an installer usb to run it "live" without installing it.

for NVMe drives:

1. apt install nvme-cli
2. nvme list
3. nvme format -s1 /dev/{device identifier}

For sata drives:

1. hdparm -I /dev/[device identifier]
2. hdparm --user-master u --security-set-pass temptemp /dev/[device identifier]
3. time hdparm --user-master u --security-erase temptemp /dev/[device identifier]

Note: NIST sp800-88 requires a validation pass, and specifies a methodology. We use this procedure for drives that are going to be reused, so we didn't develop a validation method.

↑ 4 ↓ ...

⊕ 5 more replies



bluescreenfog • 2y ago

There's a secure erase tool in the BIOS of basically all modern laptops. You mentioned Dell, it'll definitely have one in my experience. It's a little tricky tho, you basically have to confirm like 5 times and the last confirmation basically says "Do you wish to cancel" meaning you have to click no instead of yes.

DBAN is for HDDs.

↑ 2 ↓ ...

⊕ 1 more reply

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r/Windows10 • 2 yr. ago

What Security Level is Windows 10 "Reset This PC" with "Remove Everything"?

22 upvotes · 19 comments



r/DataHoarder • 4 yr. ago

What would be the best way to clean an ssd?

19 upvotes · 12 comments



r/techsupport • 7 mo. ago

I want to completely erase an SSD - how do I do this?

4 upvotes · 28 comments



r/buildapc • 7 yr. ago

Windows 10 clean install + wipe ssd

9 upvotes · 3 comments



r/sysadmin • 7 mo. ago

How do you wipe ssds including sata, SAS and nvme?

66 upvotes · 194 comments



r/techsupportgore • 4 mo. ago

SSD install - When you dont have anything else to hand!

103 upvotes · 14 comments



r/PS4Pro • 4 mo. ago

SSD Options

15 upvotes · 26 comments



r/originalxbox • 1 mo. ago

whats the consensus on SSDs these days?

14 upvotes · 45 comments



r/buildapc • 5 yr. ago

Did I just fry my SSD ? I used DBAN

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How to wipe a PC?

2 upvotes · 18 comments



r/DataHoarder • 26 days ago

Bought an SSD for personal data backup, now I'm worried I'll lose my data

44 comments



r/sysadmin • 1 yr. ago

Cost effective drive erase

9 upvotes · 82 comments



r/homelab • 8 mo. ago

Seeking advice: ssd or hdd?

67 upvotes · 46 comments



r/sysadmin • 2 yr. ago

Can we say SeaTools Long - Sanitize Overwrite is best way to verify health of the new drive? And the fastest data write?

2 upvotes · 13 comments



r/unRAID • 2 mo. ago

Do I need a SSD cache drive?

9 upvotes · 42 comments



r/HomeServer • 3 mo. ago

I've been using the same SSD as my servers boot drive for 10 years.

146 upvotes · 28 comments



r/buildapc • 2 yr. ago

MSI bios has a "secure erase+" feature that wipes the SSD. Could I use this to fix a zero boot, constant BSOD?

2 upvotes · 29 comments

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46 upvotes · 21 comments



r/pcmasterrace • 3 mo. ago

Any other ways to clean up an SSD for space?

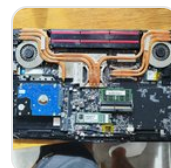


2 upvotes · 14 comments



r/laptops • 6 mo. ago

Where is my SSD located?



236 upvotes · 109 comments



r/sysadmin • 4 mo. ago

Is it better to have two big hard drives, or four smaller hard drives on a NAS?

32 comments



r/techsupport • 9 yr. ago

DBAN question when you have SSD and normal hard drive

1 upvote · 3 comments



r/techsupport • 7 yr. ago

Secure erase vs quick formatting an SSD?

1 upvote · 5 comments



r/synology • 2 yr. ago

How secure is secure erase?

17 comments



r/HPVictus • 5 mo. ago

SSD upgrade?

20 upvotes · 29 comments



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