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Patron Privacy Tech Safeguards @ the Hooksett Library

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Overview...

- Network architecture
- Security appliance for public network
- Public access computer safeguards
- ILS system
- Online catalog computers
- Quarterly privacy & security workshops

Separate staff & public networks

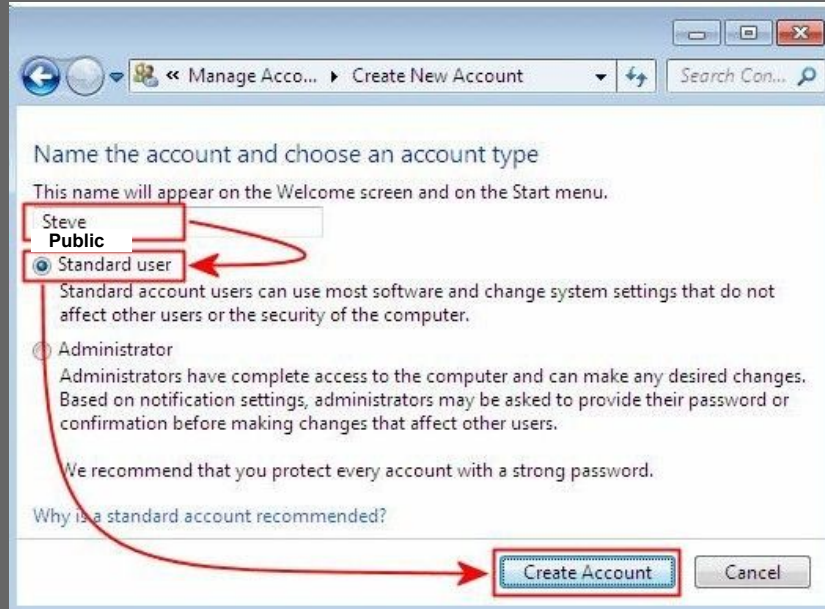
Security Appliance



- Dell SonicWall
- First line of defense
- Firewall protection
- Combines intrusion prevention, gateway anti-virus, & anti-spyware

Public Access Computer Safeguards

Windows User Type

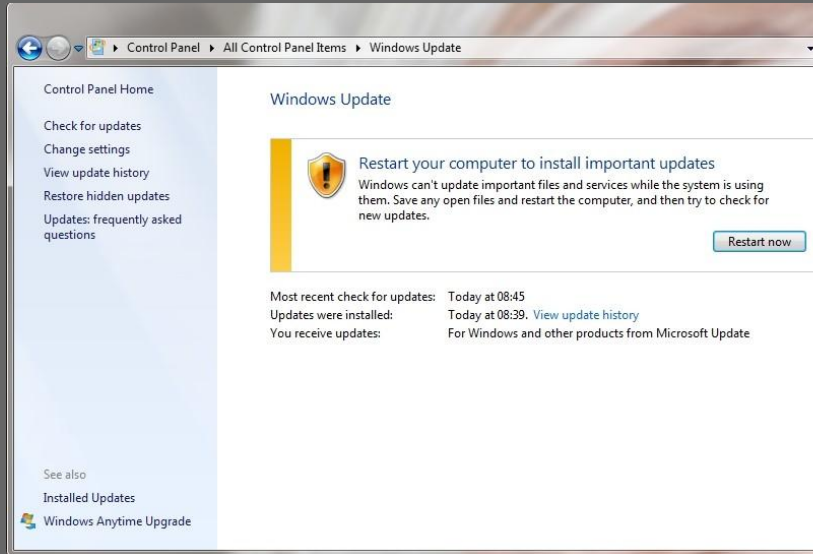


- “Standard” user account instead of “Administrator” account for public users.

- windows.microsoft.com/en-us/windows/why-standard-user-account#1TC=windows

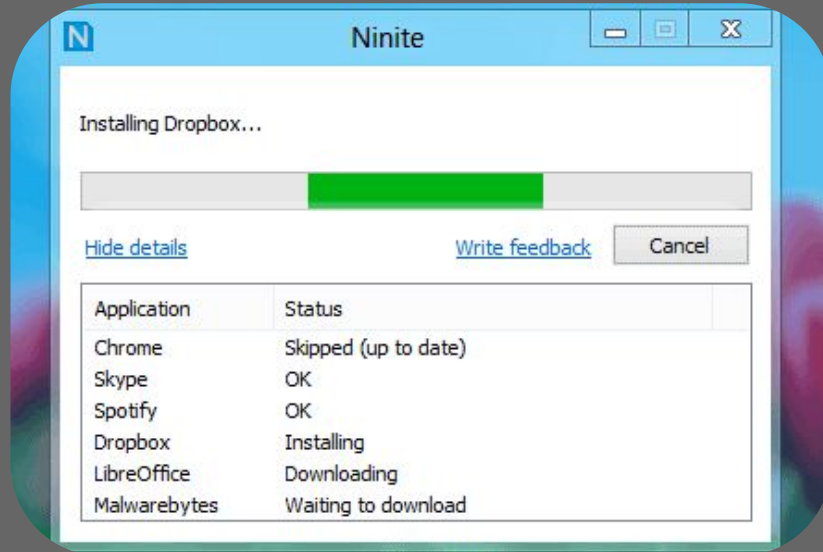
-7

Windows Updates



- Windows Updates installed monthly.

Misc Software Updates



- Use [Ninite.com](https://ninite.com) to update software.
 - “Install and Update All Your Programs at Once
 - No toolbars. No clicking next. Just pick your apps and go.”

Anti-Virus Protection



- SmartShield® Antivirus
 - Integrated advanced antivirus, individual USB blocking, and Firewire blocking provides intrusion prevention of all applications - giving total application control
 - Updates automatically without unprotecting computer.
 - Zero-Hour detection: Architecture geared towards fast reaction to new threats
 - Two-step malware elimination

SmartShield®



- Virtual drive technology that's wiped between user-sessions.
- [Meryle of DPL to address in more detail]

Browser Settings & Extensions



uBlock Origin

offered by [gorhill](#)

★★★★★ (6355)

[Productivity](#)

3,538,480 users



Privacy Badger

offered by www.eff.org

★★★★★ (564)

[Social & Communication](#)

329,171 users



HTTPS Everywhere

offered by www.eff.org

★★★★★ (2142)

[Social & Communication](#)

1,089,384 users

Cassie®



- Time and Print management software.
- Provides access control with patron authentication.
- Guest user access option providing anonymous user session.

Cassie® cont...

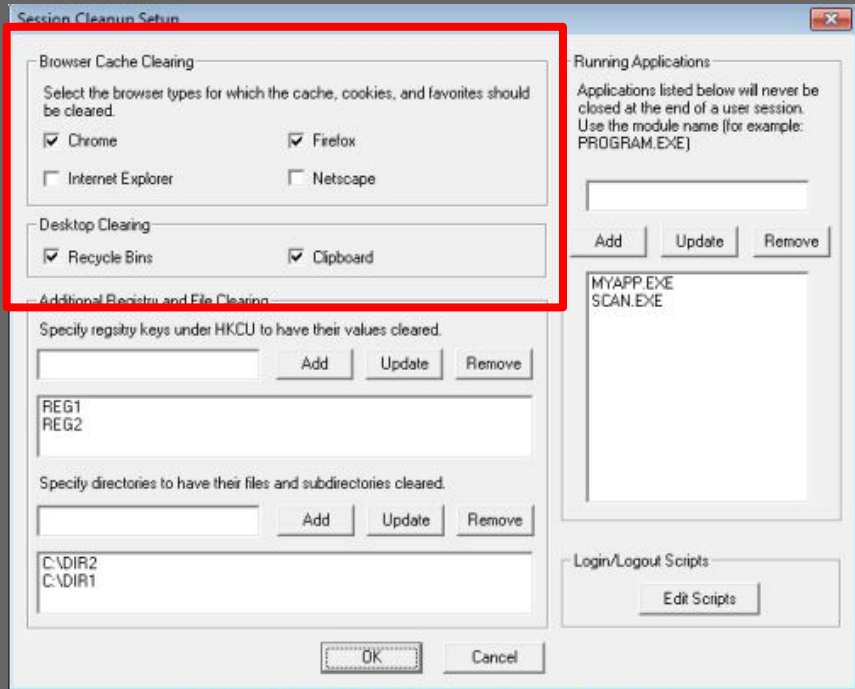


Figure 48: Session Cleanup Setup Dialog Box

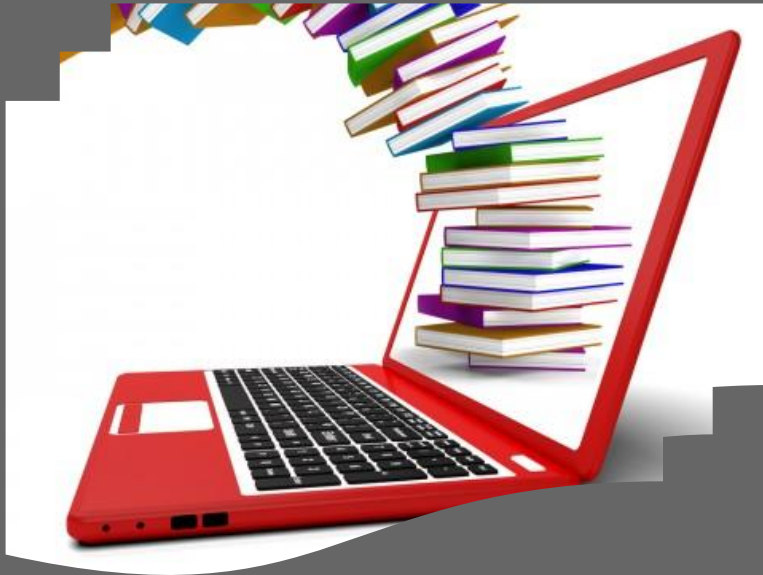
- User session clean-up options.
- Reboots PCs between sessions.
- 7-mins of inactivity reboot.
- Print jobs not tied to patron record.

Polaris (ILS) - III Company



- Patron reading history not accessible by staff.
- Obfuscated PIN number.
- Compliance with State RSAs on patron privacy.

Online catalog computers



- Homepage locked to online catalog.
- Approved website white listing.
- No cached data, including passwords.
- Post use refresh.

Frequent Privacy & Security Workshops

Recent Workshops

- [Mobile Privacy & Security Class – 20151208](#) | [View/Download PDF](#)
- [Windows 10 ~ Tips for Using & Securing_20160126](#) | [View/Download PDF](#)
- [Password Managers 101 – 20160318](#) | [View/Download PDF](#)

Recommended links & online resources

- <https://www.onguardonline.gov>
- <http://www.gcflearnfree.org/technology>
- <https://www.eff.org/>
- <http://www.computerworld.com/article/3011659/security/encrypted-messaging-app-signal-now-available-for-desktops.html>
- <http://www.networkworld.com/article/3011442/security/7-security-maneuvers-to-stay-ahead-of-password-exposures.html>
- <http://www.makeuseof.com/service/security/>
- <http://www.dhs.gov/cybersecurity-and-privacy>
- <http://www.makeuseof.com/tag/10-great-security-tools-using/>
- <http://usblog.kaspersky.com/dangerous-public-wi-fi/6377/>
- <https://libraryfreedomproject.org/mobileprivacytoolkit/>