

Tietoturvapäivitykset Metropoliassa

Tietoturvapäivitykset asennetaan Metropolian tietohallinnon ylläpidossa oleville työasemille kolmessa vaiheessa. Päivitysten asennus tapahtuu taustaprosessina, niin ettei se häiritse koneiden käyttäjiä.

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Uudelleenkäynnistys

Mikäli päivitysten asennuksen jälkeen kone tarvitsee uudelleen käynnistykseen, niin se tapahtuu vain sallitulla aikavälillä, klo 20:45 - 7:30, ma-su.

Jos työasemalla on uudelleenkäynnistystä vaativia ohjelmia tai päivityksiä asennettu, tulee ruudulle ilmoitus asiasta. Oletuksena uudelleenkäynnistys aika on kaksi tuntia. Uudelleenkäynnistystä voidaan lykätä korkeintaan 24 tunnin ajan. Työasema kannattaa kuitenkin käynnistää uudelleen itselleen parhaiten sopivana aikana, esim. lounastauolla.

Päivitysjärjestys

Vaihe	Ryhmä	Tilat
1.	Testiryhmä	Tietohallinto, AR-404AB
2.	EDU	Yllämainitut + kaikki opiskelijakoneet
3.	STAFF	Yllämainitut + kaikki henkilökunnan koneet
4.	Kaikki	Yllämainitut heti välittämättä huoltoikkunasta

Ohjelmat jotka päivittävät itsensä

Ohjelma
Mozilla Firefox ESR
Google Chrome
Zoom (ilmoittaa ja antaa päivittää uusimpaan versioon,hkunta-koneet)

Päivityshistoria - Update history

Ohjelma	Ryhmä1	Ryhmä2	Ryhmä3	Ryhmä4	Lisätietoa
Adobe Acrobat Reader DC 23.001.20143	3.5.2023				https://www.adobe.com/devnet-docs/acrobatetk/tools/ReleaseNotesDC/continuous/dccontinuousapr2023.html#dccontinuousaprtwentytwentythree
Zoom 5.14.2	18.4.2023	19.4.2023	21.4.2023		https://support.zoom.us/hc/en-us/articles/201361953-New-updates-for-Windows
Zoom OutlookPlugin 5.14.5.581	18.4.2023	19.4.2023	21.4.2023		
Videolan VLC Player 3.0.18.0	20.3.2023	21.3.2023	22.3.2023	24.3.2023	https://code.videolan.org/videolan/vlc/-/raw/3.0.x/NEWS
Firefox ESR 102.9	20.3.2023	21.3.2023	22.3.2023	24.3.2023	https://www.mozilla.org/en-US/firefox/102.4.0/releasesnotes/
Firefox ESR 102.4	20.10.2022	21.10.2022	24.10.2022		https://www.mozilla.org/en-US/firefox/102.4.0/releasesnotes/
Notepad++ 8.4.6	19.10.2022	19.10.2022	19.10.2022	19.10.2022	
LibreOffice 7.4.2	19.10.2022	20.10.2022	21.10.2022		https://www.libreoffice.org/download/release-notes/
7zip 22.01	18.7.2022	19.7.2022	20.7.2022	27.7.2022	https://www.7-zip.org/history.txt
Videolan VLC Player 3.0.17.4	18.7.2022	19.7.2022	20.7.2022	27.7.2022	https://code.videolan.org/videolan/vlc/-/raw/3.0.x/NEWS
WinSCP 5.21.1	18.7.2022	19.7.2022	20.7.2022	27.7.2022	https://winscp.net/eng/docs/history#5.21.1

putty 0.77	18.7.2022	19.7.2022	20.7.2022	27.7.2022	https://www.chiark.greenend.org.uk/~sgtatham/putty/changes.html
Adobe Acrobat DC 22.001.20169	18.7.2022	19.7.2022	20.7.2022		https://www.adobe.com/devnet-docs/acrobatetk/tools/ReleaseNotesDC/continuous/dccontinuousmar2022.html#dccontinuousmartwentytwentytwo
Adobe Acrobat Reader DC 22.001.20169	18.7.2022	19.7.2022	20.7.2022		https://www.adobe.com/devnet-docs/acrobatetk/tools/ReleaseNotesDC/continuous/dccontinuousmar2022.html#dccontinuousmartwentytwentytwo
Microsoft Diagnostics Tool Vulnerability CVE-2022-30910	1.6.2022	1.6.2022	1.6.2022	1.6.2022	https://msrc-blog.microsoft.com/2022/05/30/guidance-for-cve-2022-30190-microsoft-support-diagnostic-tool-vulnerability/
Zoom 5.10.6	30.5.2022	31.5.2022	31.5.2022		https://support.zoom.us/hc/en-us/articles/201361953-New-updates-for-Windows
Adobe Acrobat Reader DC 22.001.20117	20.5.2022	23.5.2022	25.5.2022		https://helpx.adobe.com/security/products/acrobat/apsb22-16.html
Papercut MF Client 21.2.4	11.5.2022	23.5.2022	25.5.2022		https://www.papercut.com/products/mf/release-history/21-2/#v21-2-5
LibreOffice 7.3.3	10.5.2022	11.5.2022	13.5.2022	20.5.2022	https://www.libreoffice.org/download/release-notes/
Firefox ESR 91.8.0	8.4.2022	8.4.2022	11.4.2022	11.4.2022	https://support.mozilla.org/en-US/kb/firefox-enterprise-91-release-notes
Zoom 5.10.1	7.4.2022	8.4.2022	11.4.2022	20.4.2022	https://support.zoom.us/hc/en-us/articles/201361953-New-updates-for-Windows
Zoom OutlookPlugin 5.10.0.301	7.4.2022	-	11.4.2022	20.4.2022	
Adobe Acrobat DC 22.001.20085	8.3.2022	9.3.2022	11.3.2022	11.4.2022	https://www.adobe.com/devnet-docs/acrobatetk/tools/ReleaseNotesDC/continuous/dccontinuousmar2022.html#dccontinuousmartwentytwentytwo
Adobe Acrobat Reader DC 22.001.20085	8.3.2022	9.3.2022	11.3.2022	11.4.2022	https://www.adobe.com/devnet-docs/acrobatetk/tools/ReleaseNotesDC/continuous/dccontinuousmar2022.html#dccontinuousmartwentytwentytwo
WinSCP 5.19.6	8.3.2022	9.3.2022	11.3.2022	11.4.2022	https://winscp.net/eng/docs/history#5.19.6
LibreOffice 7.3.1	8.3.2022	9.3.2022	11.3.2022	11.4.2022	https://www.libreoffice.org/download/release-notes/
F-Secure Client Security Premium 15.30	8.2.2022	9.2.2022	10.2.2022		https://www.f-secure.com/fi/business/downloads/client-security
Zoom 5.9.3	8.2.2022	8.2.2022	8.2.2022		https://support.zoom.us/hc/en-us/articles/201361953-New-updates-for-Windows
Adobe Acrobat DC 21.011.20039	18.1.2022	19.1.2022	22.1.2022		https://www.adobe.com/devnet-docs/acrobatetk/tools/ReleaseNotesDC/continuous/dccontinuousjan2022.html#dccontinuousjantwentytwentytwo
Adobe Acrobat Reader DC 21.011.20039	17.1.2022	19.1.2022	22.1.2022		https://www.adobe.com/devnet-docs/acrobatetk/tools/ReleaseNotesDC/continuous/dccontinuousjan2022.html#dccontinuousjantwentytwentytwo
Zoom 5.9.1 / Zoom OutlookPlugin 5.9.0	12.1.2022	14.1.2022	17.1.2022		https://support.zoom.us/hc/en-us/articles/201361953-New-updates-for-Windows

Office 2019 Channel PerpetualVL2019 version updates

19.5.2021	16.0.10374.20040
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Office 365 Channel Semi-Annual version updates

19.5.2021	16.0.13127.21624
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Office 365 Channel Current version updates

28.5.2021	16.0.14026.20246
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BIOS-päivitykset - BIOS updates

4.2.20 22	Dell Precision 5820 Tower	2.14.0	https://www.dell.com/support/home/en-us/drivers/driversdetails?driverid=mfr0f&oscode=wt64a&productcode=precision-5820-workstation	
4.2.20 22	Dell Precision 3650 Tower	1.7.0	https://www.dell.com/support/home/en-us/drivers/driversdetails?driverid=5h5c5&oscode=wt64a&productcode=precision-3650-workstation	
4.2.20 22	Dell Precision 3630 Tower	1.12.0	https://www.dell.com/support/home/en-us/drivers/driversdetails?driverid=mmkyt&oscode=wt64a&productcode=precision-3630-workstation	

4.2.20 22	Dell Precision 3620 Tower	2.20.0	https://www.dell.com/support/home/en-us/drivers/driversdetails? driverid=p2y1k&oscode=wt64a&productcode=precision-t3620-workstation	
2.2.20 22	HP 800 G4 TWR	2.18.00	https://support.hp.com/us-en/drivers/selfservice/swdetails/hp-elitedesk-800-g4-tower-pc/ 21353703/swItemId/vc-284145-1	
25.1.2 022	Dell Optiplex 7050	1.19.0		
25.1.2 022	Dell Optiplex 7060	1.17.0		
25.1.2 022	Dell Optiplex 7070	1.12.0		
25.1.2 022	Dell Optiplex 7080	1.6.0		
15.12. 2021	Dell Precision 3630 Tower	2.11.0	https://www.dell.com/support/home/fi-fi/drivers/driversdetails? driverid=wwx0n&oscode=wt64a&productcode=precision-3630-workstation	
7.12.2 021	HP 800 G4 TWR	2.16.00	https://support.hp.com/us-en/drivers/selfservice/swdetails/hp-elitedesk-800-g4-tower-pc/ 21353703/swItemId/vc-274054-1	
7.12.2 021	HP 800 G4 35W DM	2.16.00	https://support.hp.com/fi-fi/drivers/selfservice/swdetails/hp-elitedesk-800-35w-g4-desktop-mini- pc/21353727/swItemId/vc-273963-1	
30.7.2 021	Dell Precision 3630 Tower	2.9.1	https://www.dell.com/support/home/fi-fi/drivers/driversdetails? driverid=w1w41&oscode=wt64a&productcode=precision-3630-workstation	
30.7.2 021	Dell Precision 3620 Tower	2.18.0	https://www.dell.com/support/home/fi-fi/drivers/driversdetails? driverid=x55t5&oscode=wt64a&productcode=precision-t3620-workstation	
30.7.2 021	Dell Optiplex 7070	1.8.4	https://www.dell.com/support/home/fi-fi/drivers/driversdetails? driverid=kygvt&oscode=wt64a&productcode=optiplex-7070-desktop	
30.7.2 021	Dell Optiplex 7060	1.13.0	https://www.dell.com/support/home/fi-fi/drivers/driversdetails? driverid=nfd77&oscode=wt64a&productcode=optiplex-7060-desktop	
30.7.2 021	Dell Optiplex 7050	1.16.1	https://www.dell.com/support/home/fi-fi/drivers/driversdetails? driverid=jkt52&oscode=wt64a&productcode=optiplex-7050-desktop	
30.7.2 021	Dell Optiplex 7080	1.4.1	https://www.dell.com/support/home/fi-fi/drivers/driversdetails? driverid=cccj7&oscode=wt64a&productcode=optiplex-7080-desktop	
3.5.20 21	Dell Optiplex 7070	1.7.2	https://www.dell.com/support/home/fi-fi/drivers/driversdetails? driverid=kygvt&oscode=wt64a&productcode=optiplex-7070-desktop	
	Dell Optiplex 7060	1.9.1	https://www.dell.com/support/home/fi-fi/drivers/driversdetails? driverid=nfd77&oscode=wt64a&productcode=optiplex-7060-desktop	
30.4.2 021	Dell Optiplex 7050	1.15.1	https://www.dell.com/support/home/fi-fi/drivers/driversdetails? driverid=jkt52&oscode=wt64a&productcode=optiplex-7050-desktop	
11.3.2 021	Lenovo ThinkStation P510	S00KT 68A		
5.1.20 21	HP Z4 G4 Workstation	2.63	https://support.hp.com/fi-fi/drivers/selfservice/swdetails/hp-z4-g4-workstation/16449890/swItemId/ vc-262442-1	
30.12. 2020	HP EliteBook 820 /840/850 G3	1.51	https://support.hp.com/fi-fi/drivers/selfservice/swdetails/hp-elitebook-840-g3-notebook-pc/ 7815294/swItemId/ob-261550-1	
30.12. 2020	Dell Latitude 7300 /7400	1.11.1	https://www.dell.com/support/home/fi-fi/drivers/driversdetails? driverid=t6vpk&oscode=wt64a&productcode=latitude-14-7400-laptop	
20.12. 2020	Dell Latitude E7250 /E7450	A24	https://www.dell.com/support/home/fi-fi/drivers/driversdetails? driverid=4tftp&oscode=wt64a&productcode=latitude-e7450-ultrabook	
19.12. 2020	Dell Precision 7530 /7730	1.14.4	https://www.dell.com/support/home/fi-fi/drivers/driversdetails? driverid=m89y3&oscode=wt64a&productcode=precision-15-7530-laptop	
19.12. 2020	Dell Latitude 7280 /7480	1.19.0	https://www.dell.com/support/home/fi-fi/drivers/driversdetails? driverid=kkm2r&oscode=wt64a&productcode=latitude-14-7480-laptop	
19.12. 2020	Dell Latitude 7390 /7490	1.17.0	https://www.dell.com/support/home/fi-fi/drivers/driversdetails? driverid=1kxy8&oscode=wt64a&productcode=latitude-14-7490-laptop	
19.12. 2020	Dell Precision 5820 Tower	2.5.0	https://www.dell.com/support/home/fi-fi/drivers/driversdetails? driverid=v79c1&oscode=wt64a&productcode=precision-5820-workstation	Ei asennu jos UHD-näyttö, poistettu ajosta
12.12. 2020	Dell Optiplex 7070	1.7.0	https://www.dell.com/support/home/fi-fi/drivers/driversdetails? driverid=jyjc&oscode=wt64a&productcode=optiplex-7070-desktop	
12.12. 2020	Dell Optiplex 7060	1.8.0	https://www.dell.com/support/home/fi-fi/drivers/driversdetails? driverid=cj45v&oscode=wt64a&productcode=optiplex-7060-desktop	
12.12. 2020	HP 800 G2 35/65W DM	2.51	https://support.hp.com/gb-en/drivers/selfservice/swdetails/hp-elitedesk-800-35w-g2-desktop- mini-pc/7633266/swItemId/vc-262017-1	

12.12.2020	HP 800 G2 TWR /SFF	2.51	https://support.hp.com/us-en/drivers/selfservice/swdetails/hp-elitedesk-800-g2-tower-pc/7633297/switemid/vc-262020-1		
12.12.2020	HP 800 G4 35W DM	02.14.01	https://support.hp.com/fi-fi/drivers/selfservice/swdetails/hp-elitedesk-800-35w-g4-desktop-mini-pc/21353727/switemid/vc-261661-1		
12.12.2020	Dell Precision 3630 Tower	2.7.0	https://www.dell.com/support/home/en-us/drivers/driversdetails?driverid=c8v1x&oscode=wt64a&productcode=precision-3630-workstation		
12.12.2020	Dell Optiplex 7050	1.14.0	https://www.dell.com/support/home/en-us/drivers/driversdetails?driverid=80chv&oscode=wt64a&productcode=optiplex-7050-desktop		
4.12.2020	HP 800 G4 TWR /SFF	02.14.01	https://support.hp.com/hr-en/drivers/selfservice/swdetails/hp-elitedesk-800-g4-small-form-factor-pc/21353718/switemid/vc-261855-1		
Ohjelma		1. vaihe	2. vaihe	3. vaihe	Info
Zoom 5.8.4 / Zoom OutlookPlugin 5.8.3		24.11.2021	2.12.2021	3.12.2021	https://support.zoom.us/hc/en-us/articles/201361953-New-updates-for-Windows
F-Secure Client Security Premium 15.21		27.10.2021	29.10.2021	5.11.2021	https://help.f-secure.com/product.html#business/releasenotes-business/latest/en/fscs-latest-en
Adobe Acrobat Reader DC 21.007.20099		25.10.2021	26.10.2021	27.10.2021	https://helpx.adobe.com/acrobat/release-note/release-notes-acrobat-reader.html
Adobe Acrobat Reader DC 21.007.20095		4.10.2021	6.10.2021	8.10.2021	https://helpx.adobe.com/acrobat/release-note/release-notes-acrobat-reader.html
Adobe Acrobat Reader DC 21.005.20160		10.9.2021	13.9.2021	16.9.2021	https://helpx.adobe.com/acrobat/release-note/release-notes-acrobat-reader.html
Zoom 5.7.7		8.9.2021	10.9.2021	13.9.2021	https://support.zoom.us/hc/en-us/articles/201361953-New-updates-for-Windows
Zoom Outlook Plugin 5.7.6.92		8.9.2021	-	10.9.2021	
WinSCP 5.19.2		27.7.2021	29.7.2021	2.8.2021	https://winscp.net/eng/docs/history#5.19.2
LibreOffice 7.1.5		27.7.2021	29.7.2021	2.8.2021	https://www.libreoffice.org/download/release-notes/
Putty 0.76		27.7.2021	29.7.2021	2.8.2021	https://www.chiark.greenend.org.uk/~sgtatham/putty/changes.html
VLC Player 3.0.16		27.7.2021	29.7.2021	2.8.2021	https://www.videolan.org/developers/vlc-branch/NEWS
Adobe Acrobat Reader DC 21.001.20155		27.7.2021	29.7.2021	2.8.2021	https://helpx.adobe.com/security/products/acrobat/apsb21-51.html
Notepad++ 8.1.2		27.7.2021	29.7.2021	2.8.2021	https://notepad-plus-plus.org/news/v812-released/
LibreOffice 7.1.3		14.6.2021	15.6.2021	18.6.2021	https://www.libreoffice.org/download/release-notes/
F-Secure Client Security Premium 15.20		10.6.2021	14.6.2021	15.6.2021	https://help.f-secure.com/product.html#business/releasenotes-business/latest/en/fscs-latest-en
VLC Player 3.0.14		28.5.2021	7.6.2021	14.6.2021	https://www.videolan.org/developers/vlc-branch/NEWS
Dell Power Manager 3.9.0		28.5.2021	7.6.2021	14.6.2021	https://www.dell.com/support/home/fi-fi/drivers/driversdetails?driverid=gd7j6&oscode=wt64a&productcode=latitude-14-7420-2-in-1-laptop
Dell Command Update 4.2.0		28.5.2021	7.6.2021	14.6.2021	https://www.dell.com/support/home/fi-fi/drivers/driversdetails?driverid=jdxhh&oscode=wt64a&productcode=latitude-14-7420-2-in-1-laptop
Putty 0.75		18.5.2021	19.5.2021	24.5.2021	https://www.chiark.greenend.org.uk/~sgtatham/putty/changes.html
Adobe Acrobat Reader DC 21.001.20155		17.5.2021	17.5.2021	17.5.2021	https://helpx.adobe.com/security/products/acrobat/apsb21-29.html
Dell Command Update 4.1.0		5.5.2021	5.5.2021	5.5.2021	https://www.kyberturvallisuuskeskus.fi/fi/haavoittuvuus_13/2021
Adobe Acrobat Reader DC 21.001.20150		29.3.2021	4.5.2021	6.5.2021	optional
F-secure Client Security Premium 15.11		14.4.2021	17.4.2021	22.4.2021	
LibreOffice 7.1.2		20.4.2021	22.4.2021	27.4.2021	https://www.libreoffice.org/download/release-notes/
Zoom 5.6.0(589)		25.3.2021	26.3.2021	29.3.2021	https://support.zoom.us/hc/en-us/articles/201361953-New-updates-for-Windows

LibreOffice 7.1.1	24.3.2021	26.3.2021	29.3.2021	https://www.libreoffice.org/download/release-notes/
Adobe Acrobat Reader DC 21.001.20145	24.3.2021	25.3.2021	26.3.2021	optional
Adobe Acrobat Reader DC 21.001.20142	10.3.2021	11.3.2021		optional
WinSCP 5.17.10	10.3.2021	11.3.2021	24.3.2021	https://winscp.net/eng/docs/history#5.17.10
Adobe Acrobat Reader DC 21.001.20138	22.2.2021	25.2.2021	3.3.2021	https://helpx.adobe.com/security/products/acrobat/apsb21-09.html
Adobe Acrobat Reader DC 20.013.20074	29.1.2021	1.2.2021	3.2.2021	https://helpx.adobe.com/security/products/acrobat/apsb20-75.html
VLC Player 3.0.12	26.1.2021	27.1.2021	29.1.2021	https://www.videolan.org/developers/vlc-branch/NEWS

Päivämäärä	1.vaihe	2.Vaihe	3. Vaihe	Lisätietoa
LibreOffice 7.0.4	21.12.2020	23.12.2020	28.12.2020	https://www.libreoffice.org/download/release-notes/
VLC Player 3.0.11	21.12.2020	23.12.2020	28.12.2020	https://www.videolan.org/developers/vlc-branch/NEWS
Putty 0.74	21.12.2020	23.12.2020	28.12.2020	https://www.chiark.greenend.org.uk/~sgtatham/putty/changes.html
WinSCP 5.17.9	21.12.2020	23.12.2020	28.12.2020	https://winscp.net/eng/docs/history
Paint.Net 4.2.14	21.12.2020	23.12.2020	28.12.2020	https://www.getpaint.net/roadmap.html
Displaylink Driver 10.0 M0	18.12.2020	23.12.2020	28.12.2020	Kannettaville
Putty 0.71	3.6.2019			https://www.chiark.greenend.org.uk/~sgtatham/putty/changes.html
WinSCP 5.15.2	3.6.2019			https://winscp.net/eng/docs/history
LibreOffice 6.2.4	3.6.2019	3.6.2019	3.6.2019	
7-Zip 19.00	26.4.2019	26.4.2019	26.4.2019	https://www.7-zip.org/history.txt
Adobe Acrobat Reader DC 19.10.20098	23.2.2019			https://helpx.adobe.com/security/products/acrobat/apsb19-13.html
Adobe Acrobat DC 18.11.20063	23.2.2019			https://helpx.adobe.com/security/products/acrobat/apsb18-34.html
VLC Player 3.0.6	21.2.2019			https://www.videolan.org/developers/vlc-branch/NEWS
7-Zip 18.06	21.2.2019	21.2.2019	21.2.2019	https://www.7-zip.org/history.txt

Päivämäärä	Päivitys	1. Vaihe	2. Vaihe	3. Vaihe	Lisätietoja
4.12.2018	LibreOffice 6.1.3	4.12.2018	4.12.2018	4.12.2018	
21.5.2018	WinSCP 5.13.2	18.5.2018	21.5.2018	21.5.2018	https://winscp.net/eng/docs/history
15.5.2018	Mozilla Firefox ESR 52.8	15.5.2018	15.5.2018	15.5.2018	https://www.mozilla.org/en-US/firefox/52.8.0/releasenotes/
15.5.2018	Adobe Acrobat DC 18.11.20040	15.5.2018	15.5.2018	15.5.2018	https://helpx.adobe.com/security/products/acrobat/apsb18-09.html
15.5.2018	Adobe Reader DC 18.11.20040	15.5.2018	15.5.2018	15.5.2018	https://helpx.adobe.com/security/products/acrobat/apsb18-09.html
14.5.2018	Adobe Digital Editions 4.5.8	14.5.2018	14.5.2018	14.5.2018	https://helpx.adobe.com/security/products/Digital-Editions/apsb18-13.html
14.5.2018	Adobe Flash Player 29.0.0.171	14.5.2018	14.5.2018	14.5.2018	https://helpx.adobe.com/security/products/flash-player/apsb18-16.html
7.5.2018	Adobe Connect 11.9.985.57	7.5.2018	7.5.2018	7.5.2018	https://helpx.adobe.com/security/products/connect/apsb18-18.html
7.5.2018	LibreOffice 5.4.6	7.5.2018	7.5.2018	7.5.2018	
7.5.2018	7-Zip 18.05	7.5.2018	7.5.2018	7.5.2018	https://www.7-zip.org/history.txt
30.4.2018	VLC Player 3.0.2	30.4.2018	30.4.2018	30.4.2018	https://www.videolan.org/developers/vlc-branch/NEWS
18.4.2018	JDK 8 Update 172	19.4.2018	23.4.2018	23.4.2018	http://www.oracle.com/technetwork/security-advisory/cpuapr2018-3678067.html
18.4.2018	JRE 8 Update 172	19.4.2018	23.4.2018	23.4.2018	http://www.oracle.com/technetwork/security-advisory/cpuapr2018-3678067.html
10.4.2018	Adobe Flash Player 29.0.0.140	10.4.2018	11.4.2018	12.4.2018	https://helpx.adobe.com/security/products/flash-player/apsb18-08.html
10.4.2018	Microsoft Updates 2018/04	12.4.2018	14.4.2018	17.4.2018	https://www.ghacks.net/2018/04/10/microsoft-security-updates-april-2018-release-overview/
27.3.2018	Mozilla Firefox ESR 52.7.3	27.3.2018	27.3.2018	27.3.2018	https://www.mozilla.org/en-US/security/known-vulnerabilities/firefox-esr/#firefoxesr52.7.3

23.3.2018	Adobe Shockwave Player 12.3.2.202	23.3.2018	23.3.2018	23.3.2018	
23.3.2018	Adobe AIR 29.0.0.112	23.3.2018	23.3.2018	23.3.2018	https://helpx.adobe.com/security/products/flash-player/apsb18-05.html
14.3.2018	Adobe Flash Player 29.0.0.113	14.3.2018	14.3.2018	14.3.2018	https://helpx.adobe.com/security/products/flash-player/apsb18-05.html
13.3.2018	Microsoft Updates 2018/03	13.3.2018	15.3.2018	17.3.2018	https://www.ghacks.net/2018/03/13/microsoft-security-updates-march-2018-release-overview/

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