

RĪGAS TEHNISKĀ UNIVERSITĀTE

Datorzinātnes un informācijas tehnoloģiju fakultāte

1. Praktiskā darba atskaitē

„Operētājsistēmas”

Izstrādāja: Jolanta Bērziņa 181RDB178

Daniels Dīcmanis 181RDB211

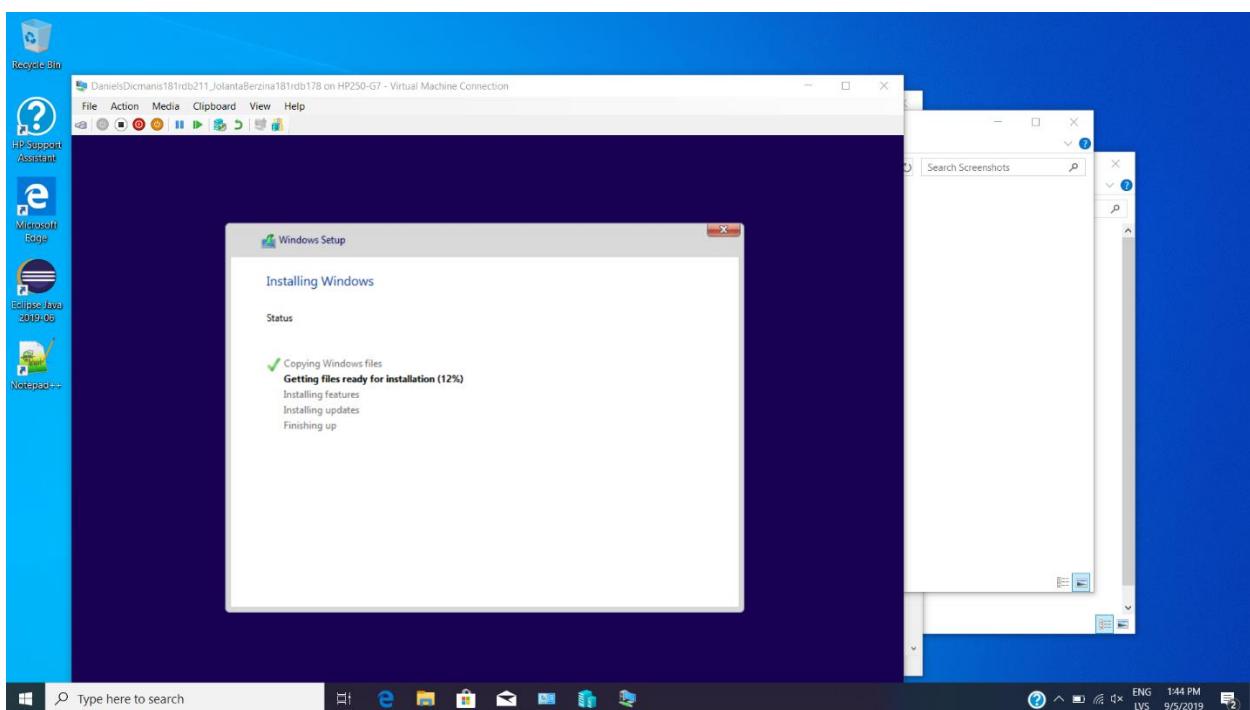
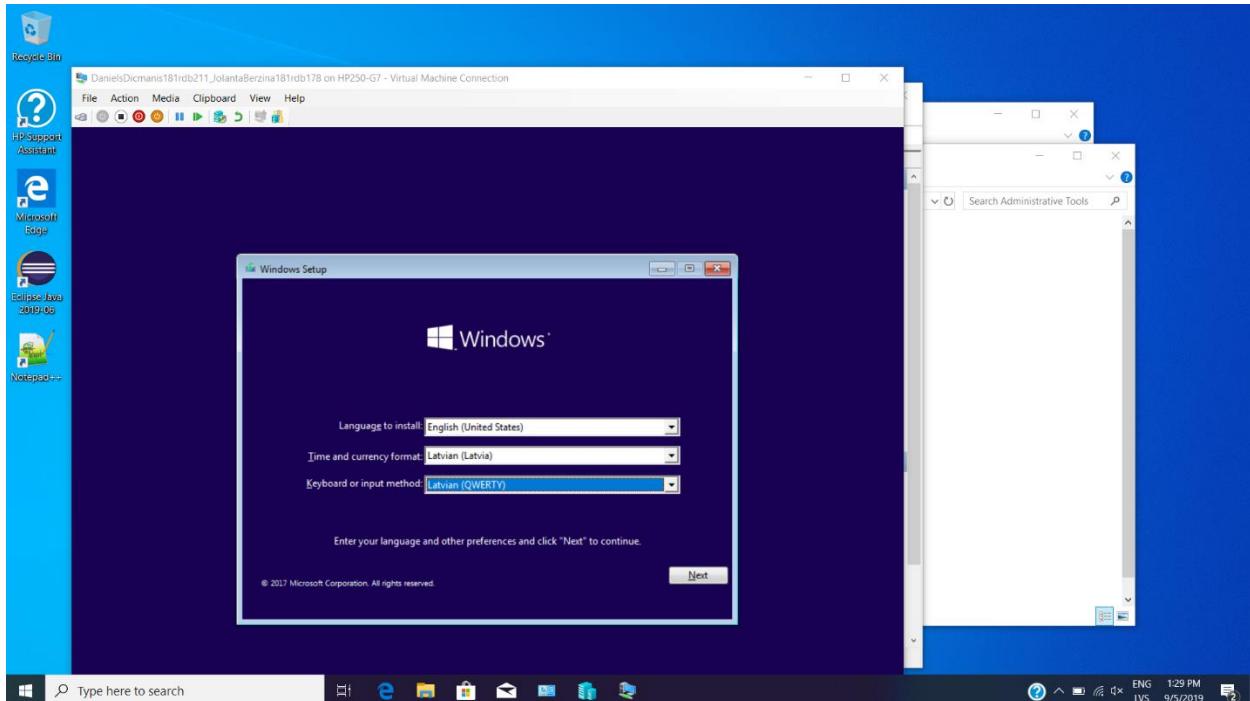
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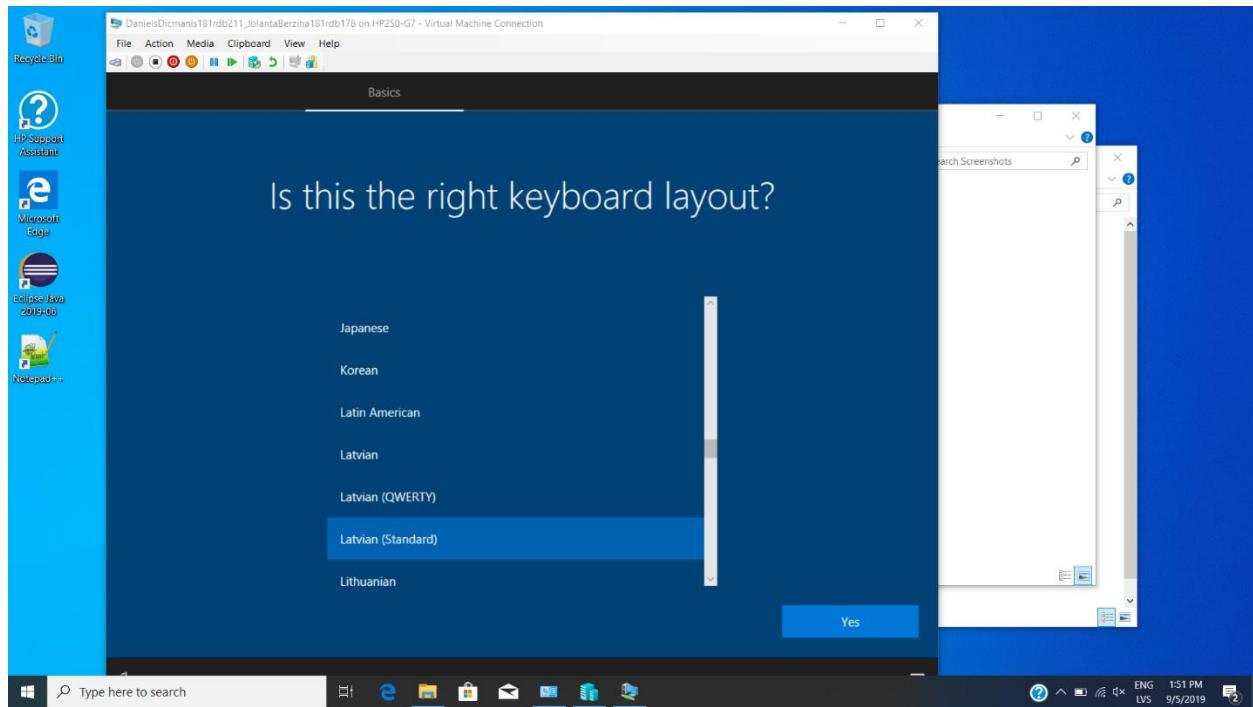
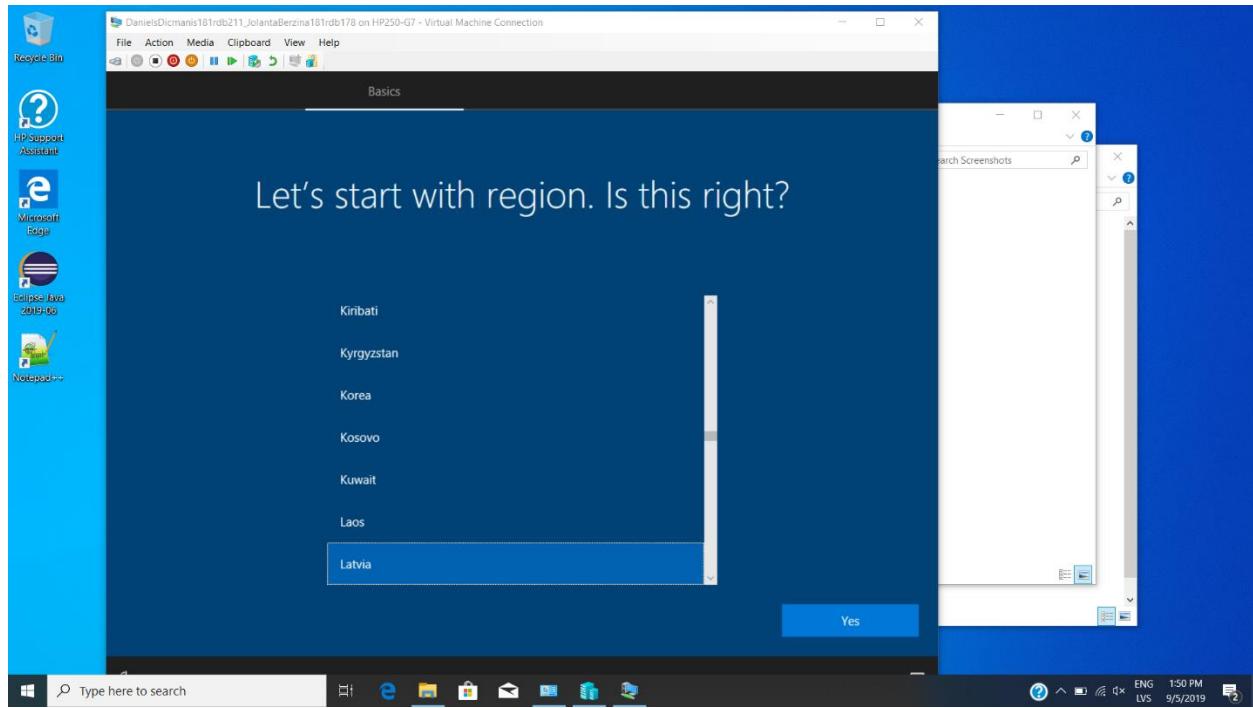
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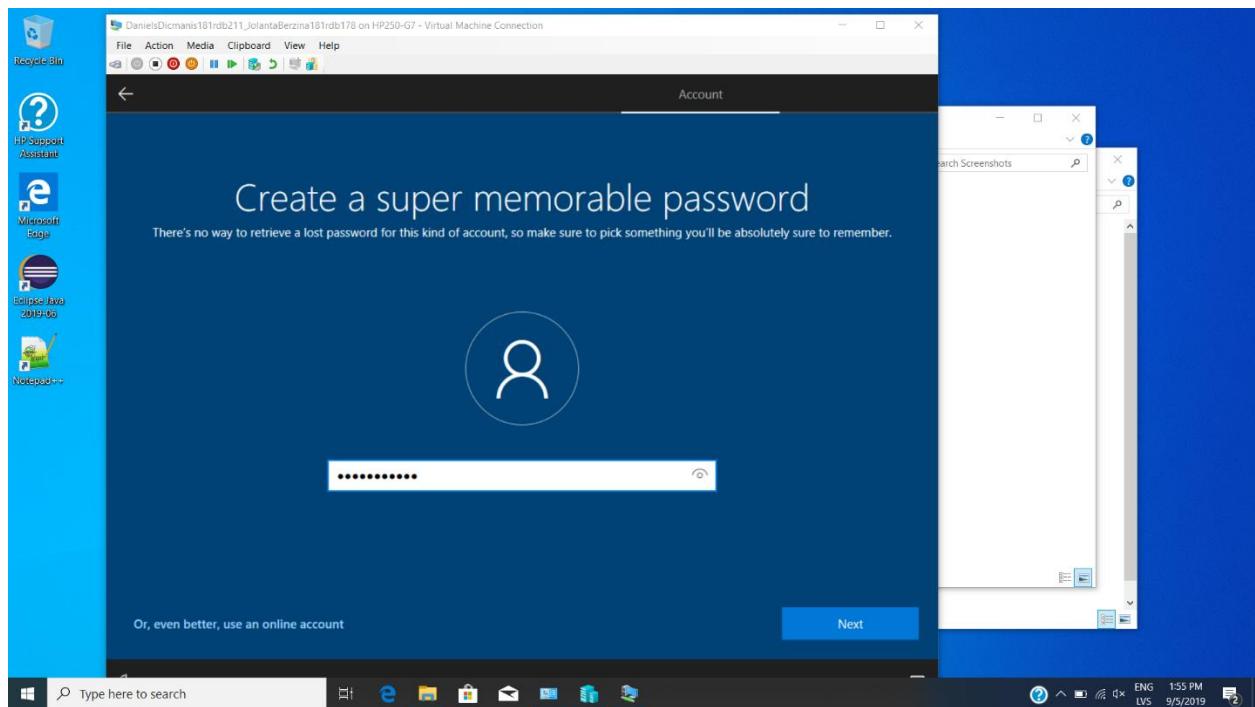
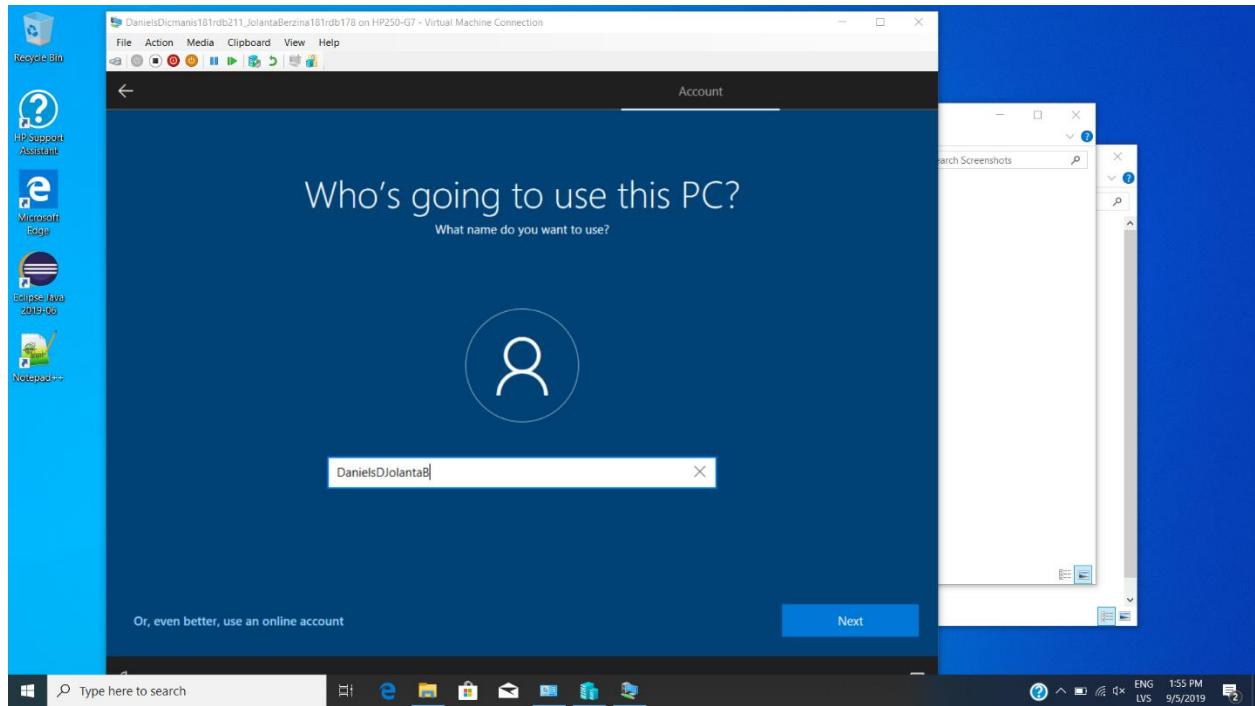
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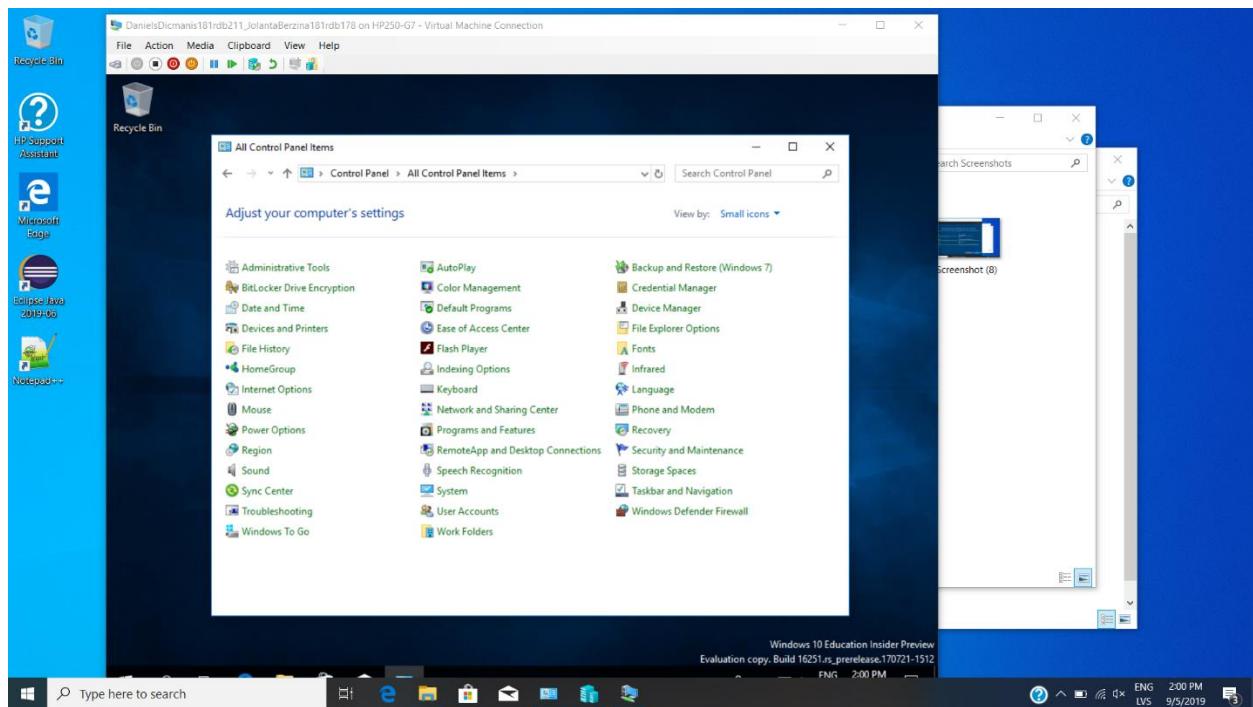
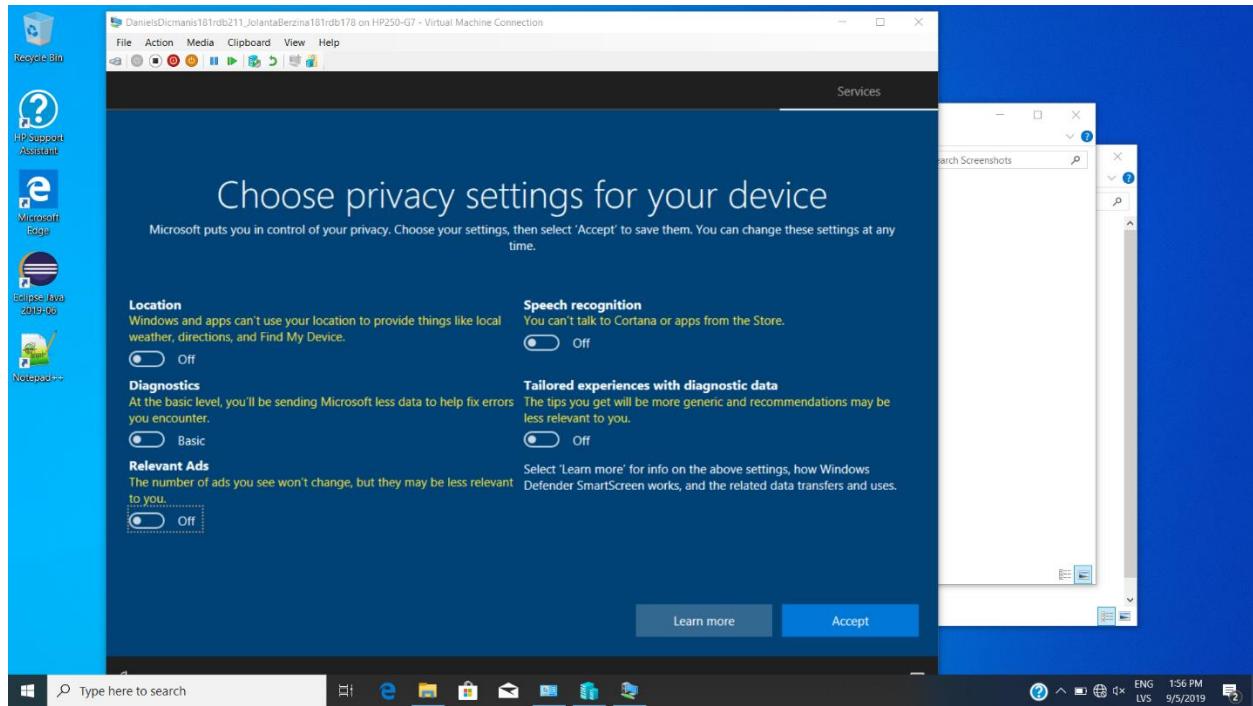
0) Instalācijas izmēģinājuma versijas lejupielāde no Microsoft vietnes vai to dod pasniedzējs .iso faila veidā. 0a) Virtuālo mašīnu vides Hyper-V vai VirtualBox instalēšana, VM izveide tajā.

Ob) Windows 10 Edu/ Pro vai Enterprise vai izmēģinājuma versijas instalēšana, atjauninājumi.

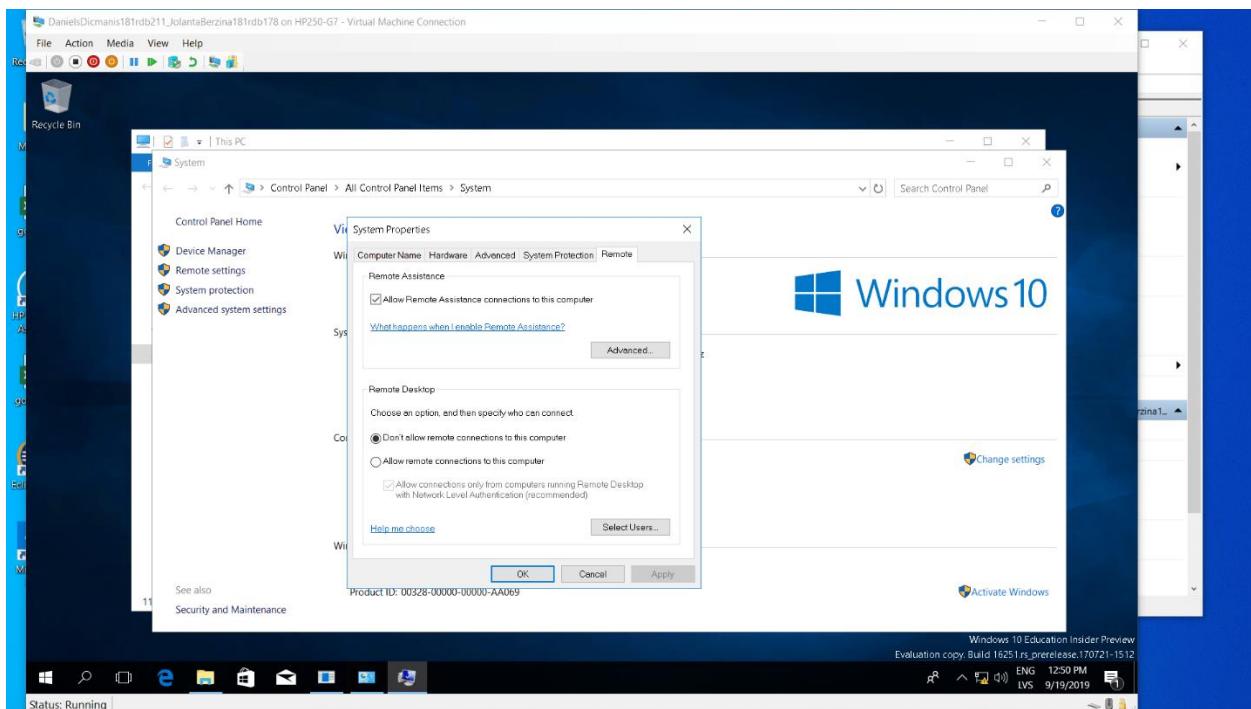
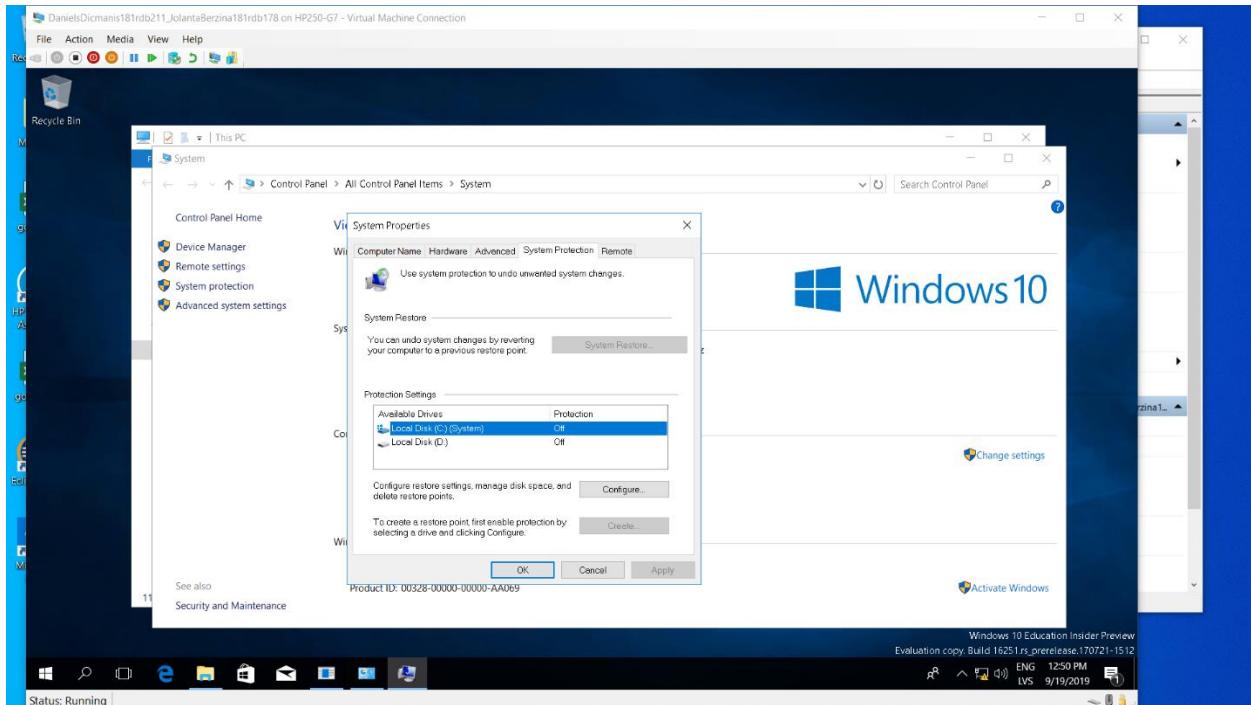


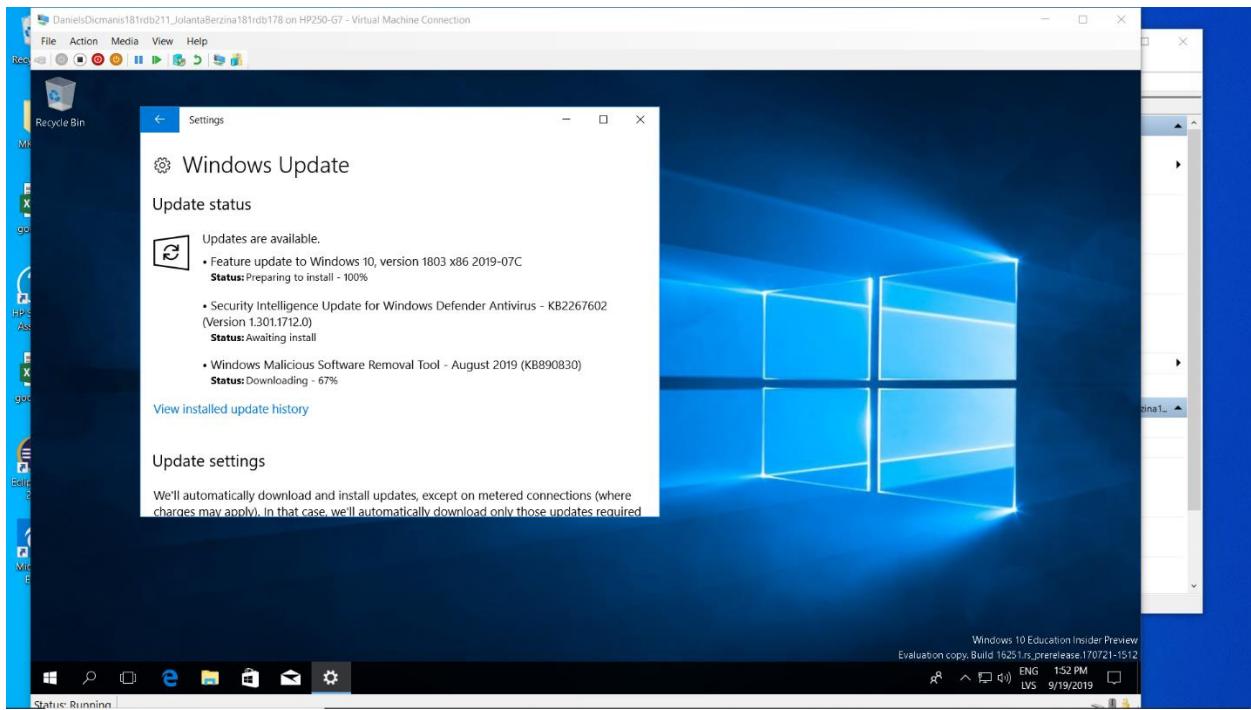
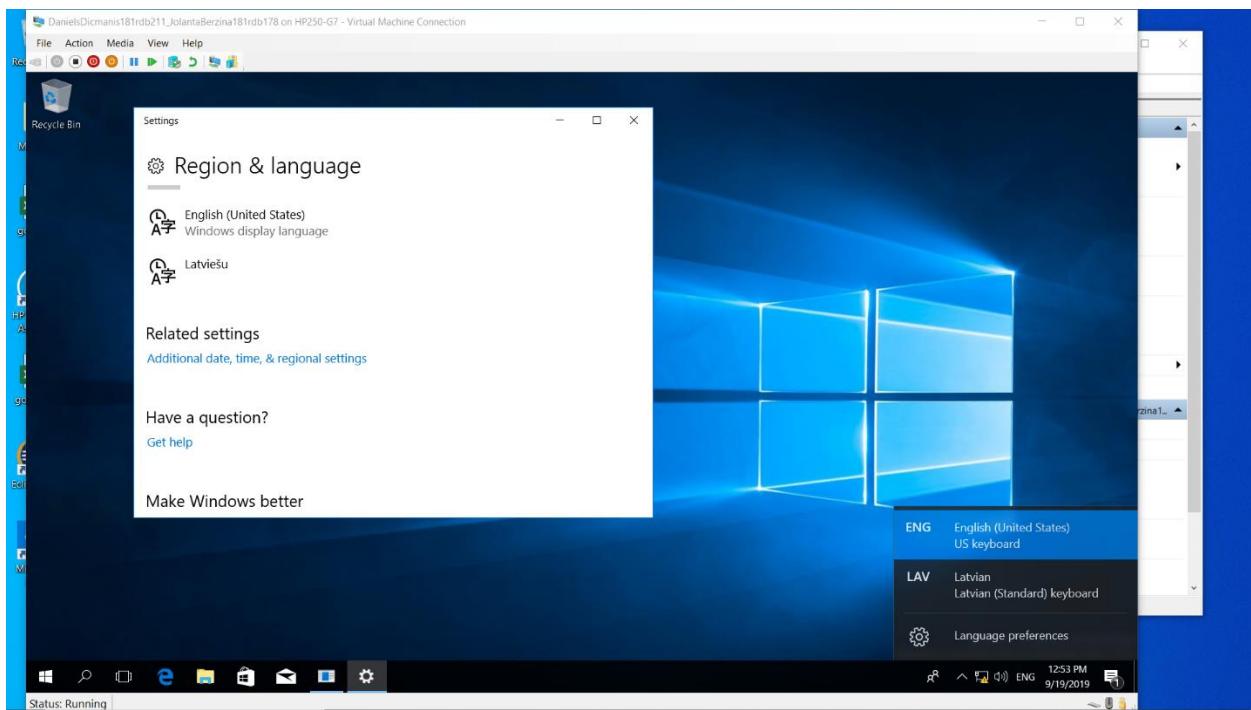




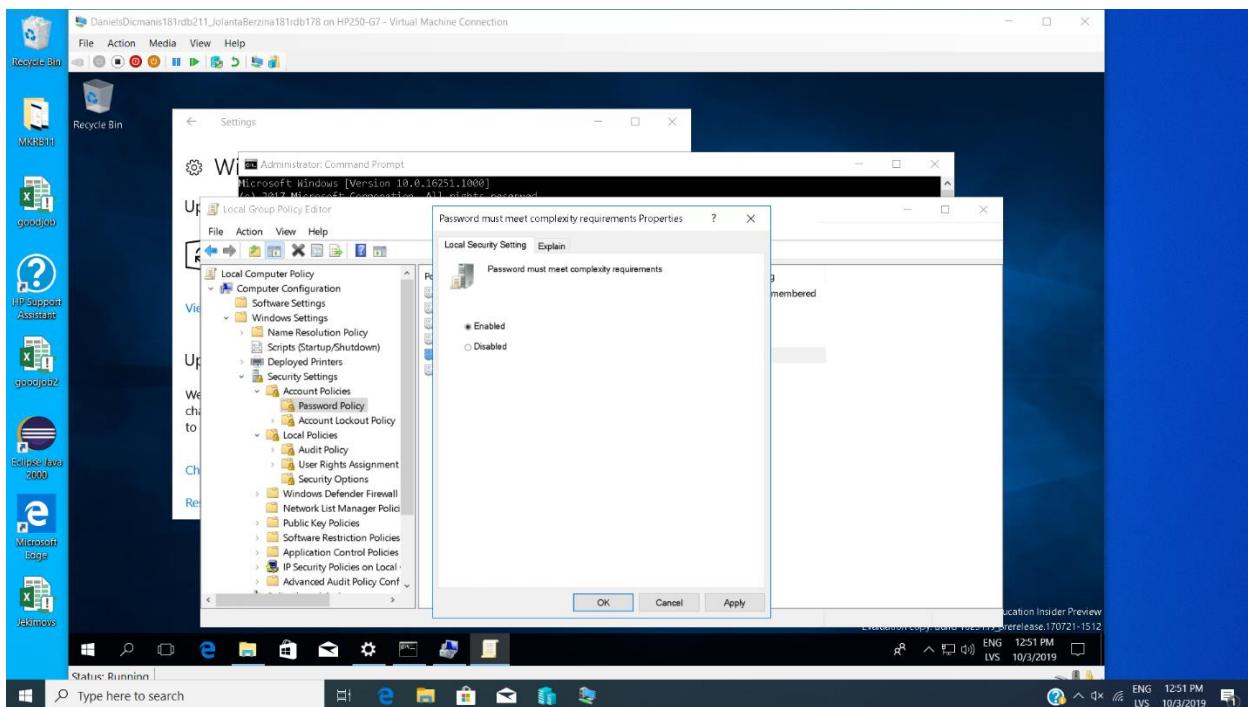
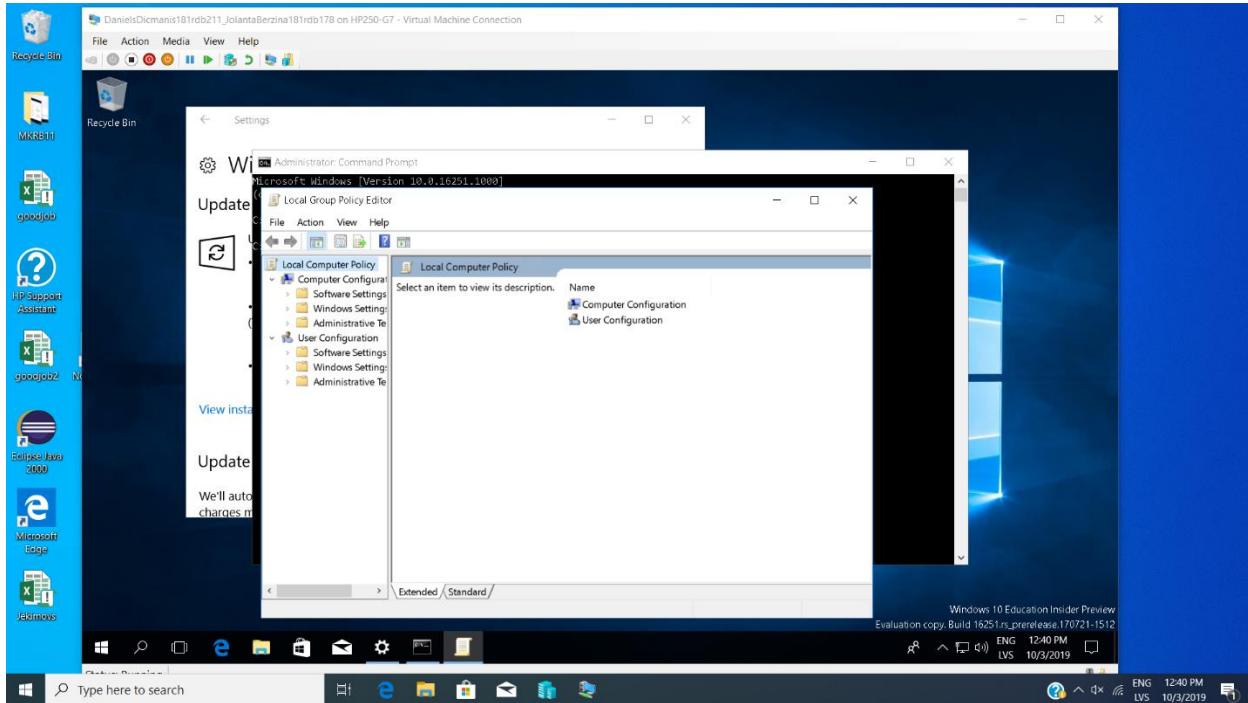


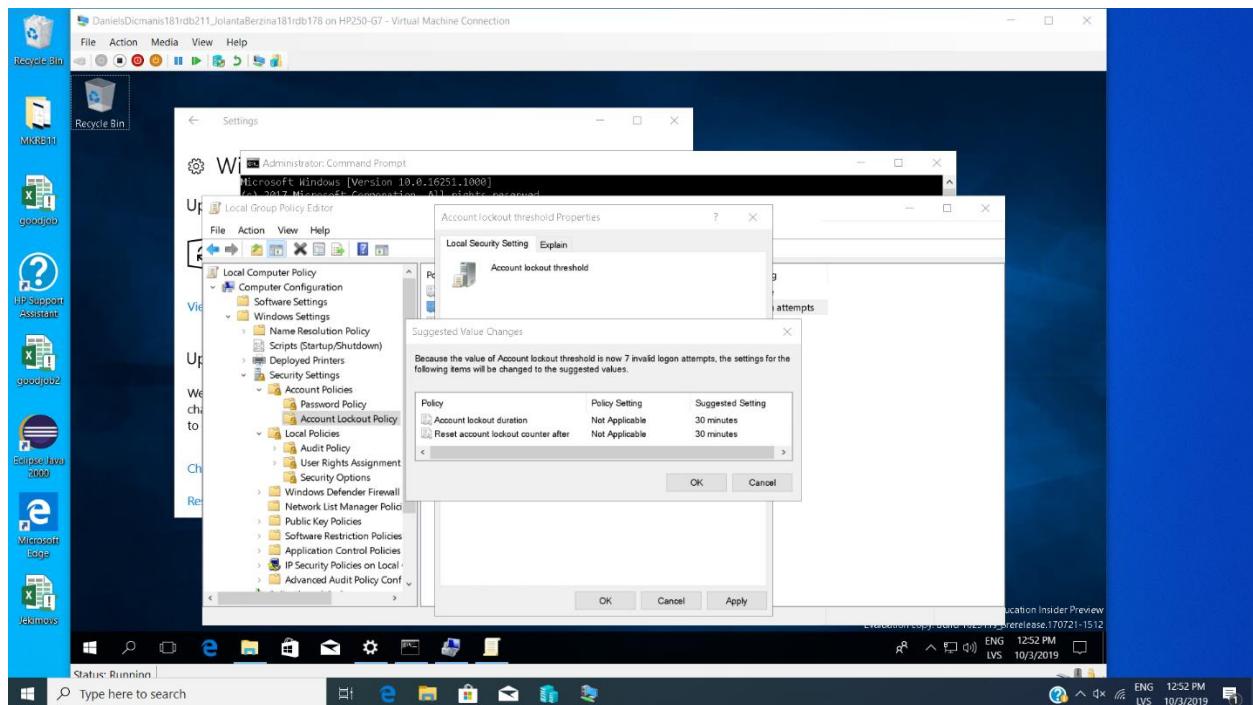
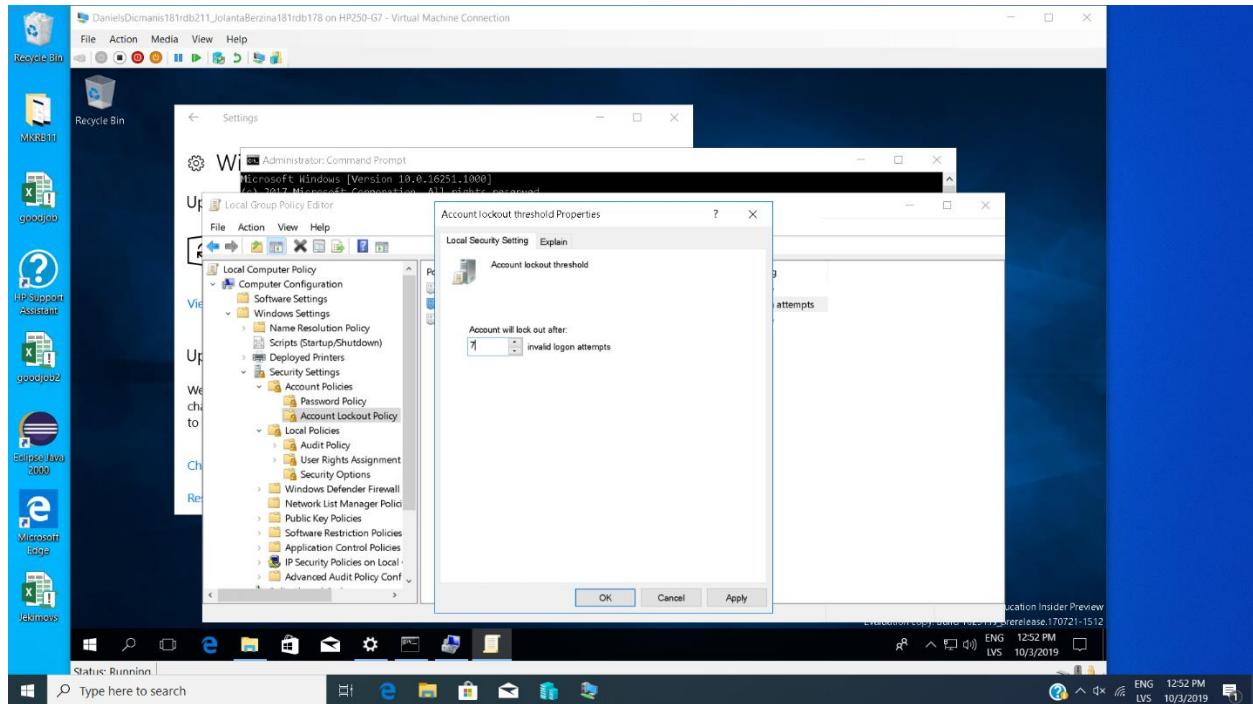
1) valodu (Microsoft valodu paka ar klaviatūru Latvian (Standart), reģionālie, tīkla, antivīrusa, ugunsmūra, MS atjauninājumu, System Restore iestatījumi.

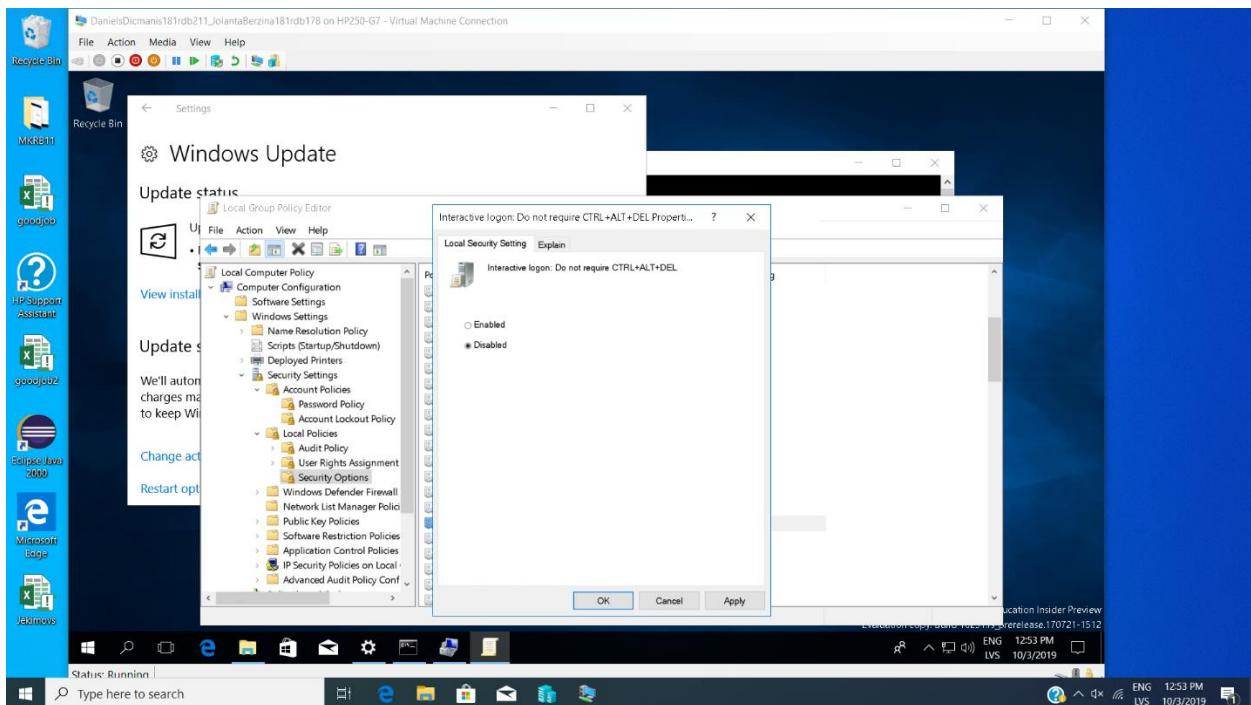
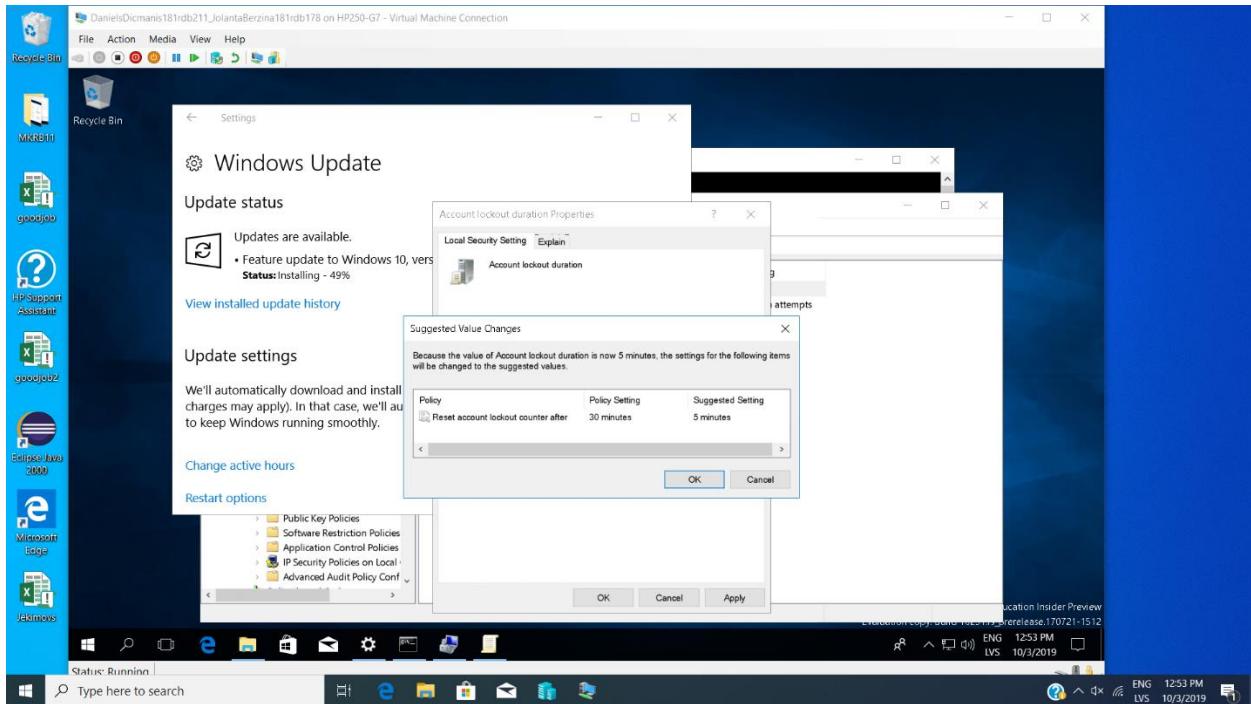


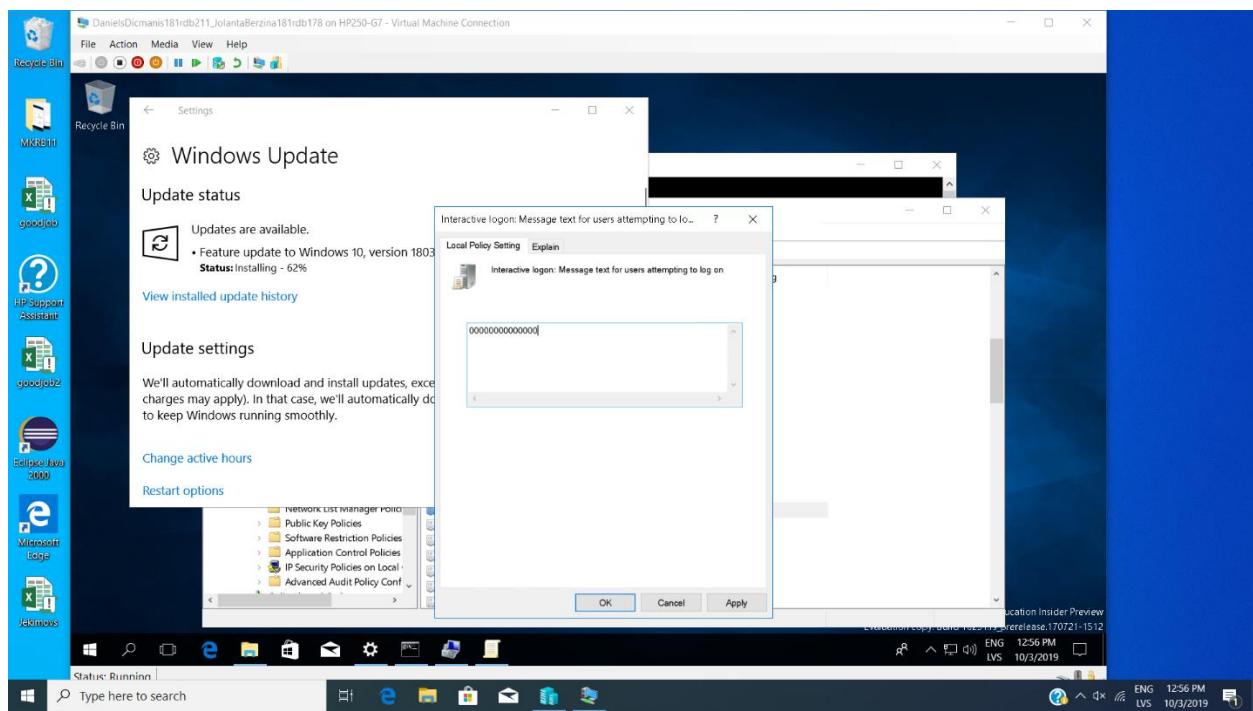
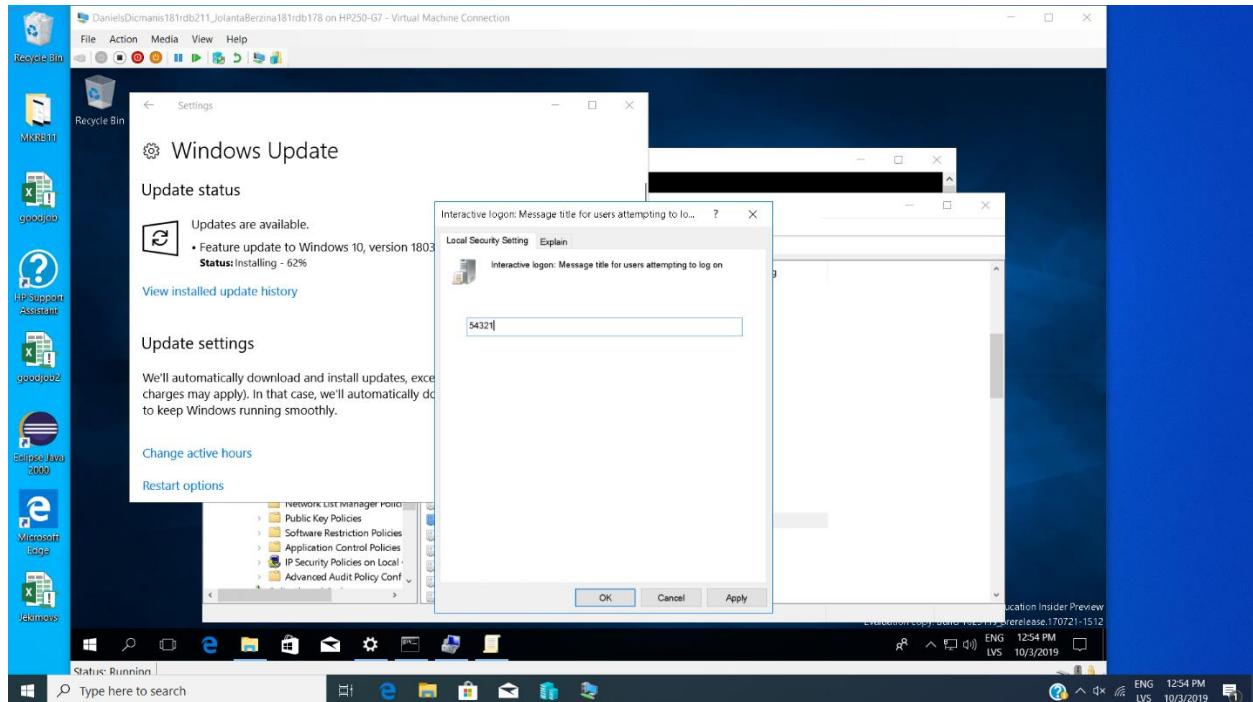


2) Lokālā drošības politika (prasības parolēm, to atkārtotai minēšanai, pieteikšanās sistēmā paziņojums, Ctrl+Alt+Del prasība).

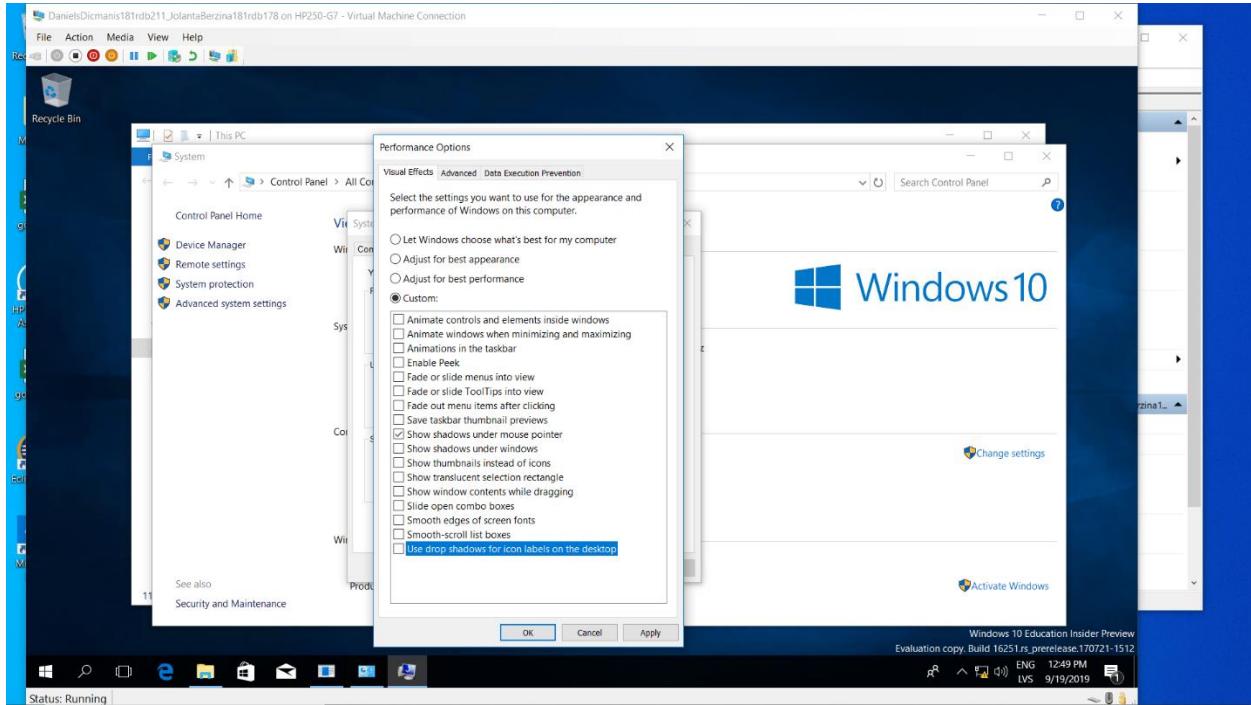




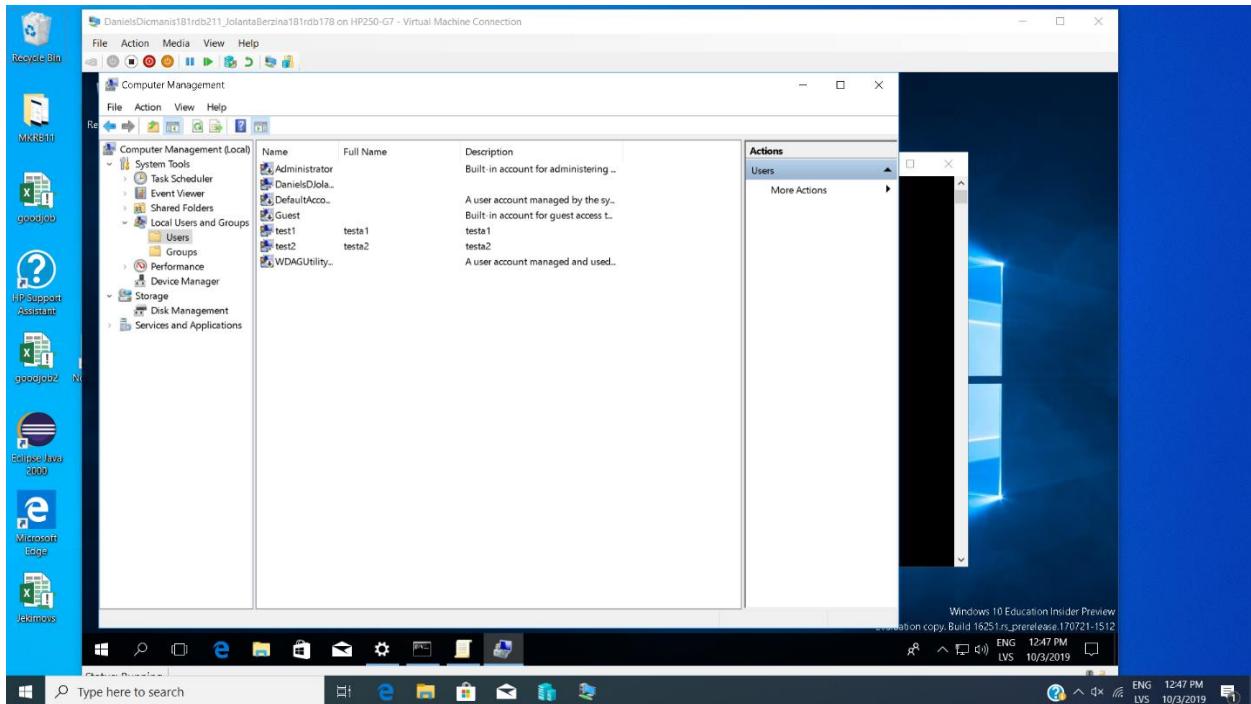


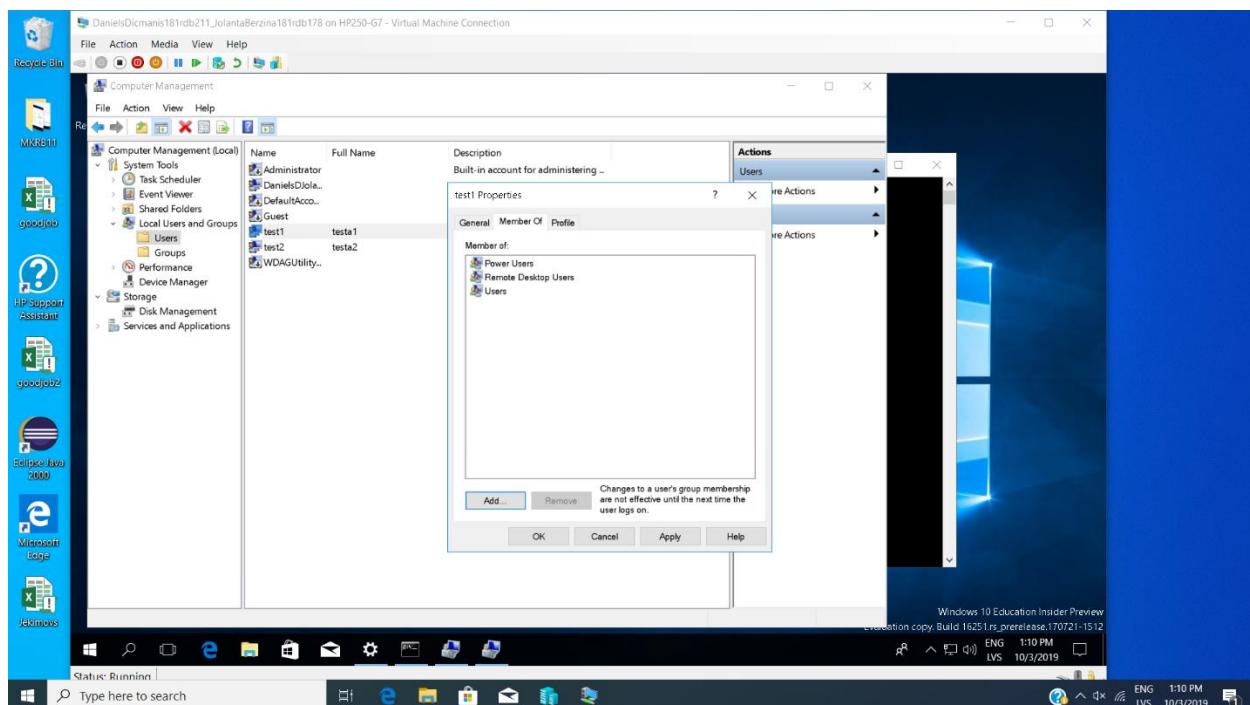
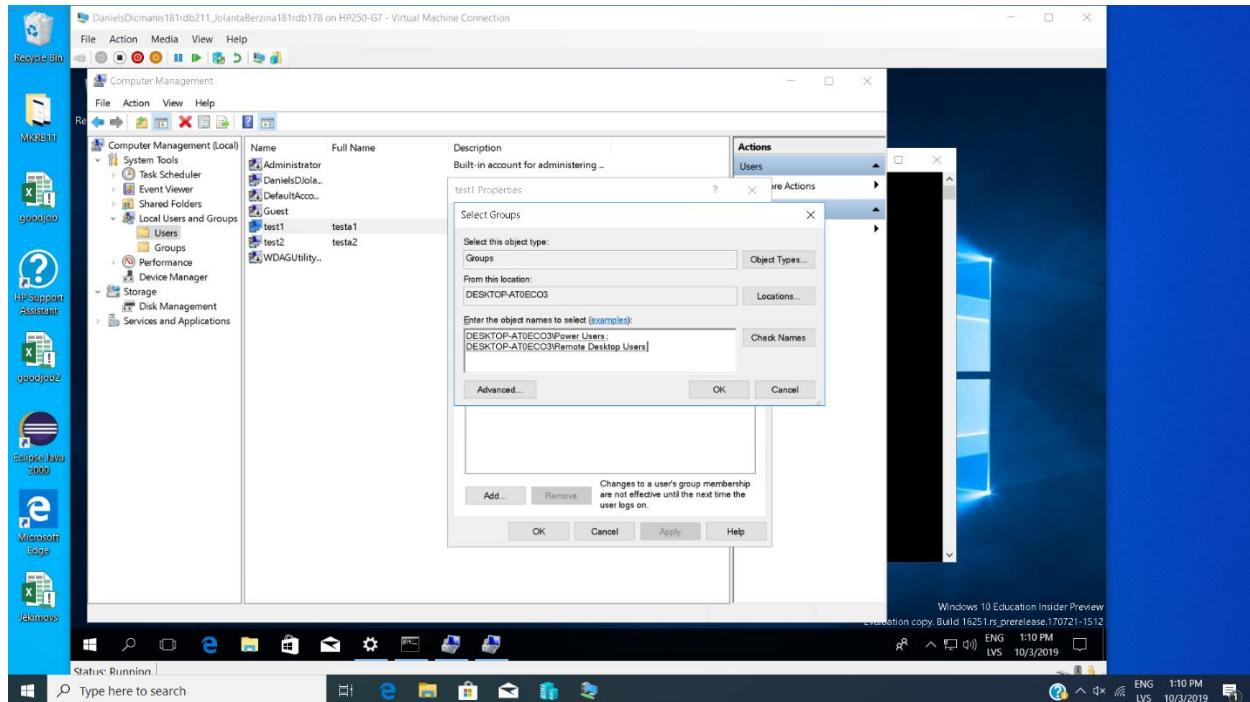


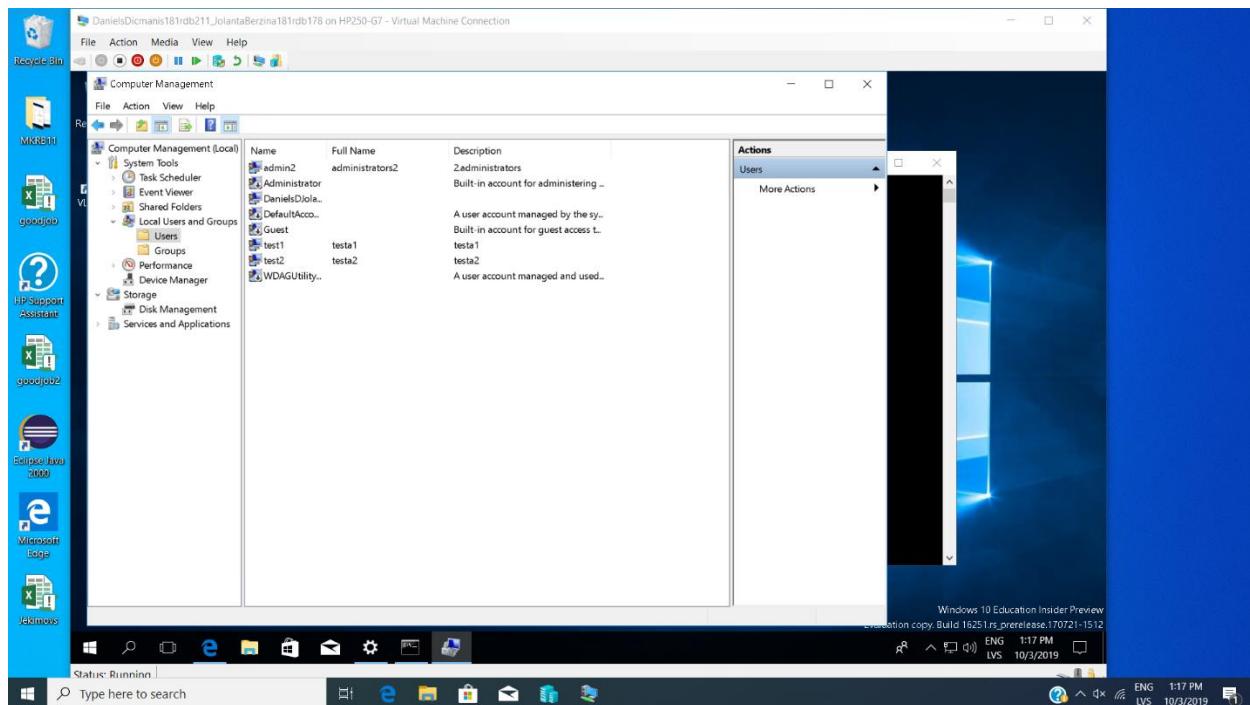
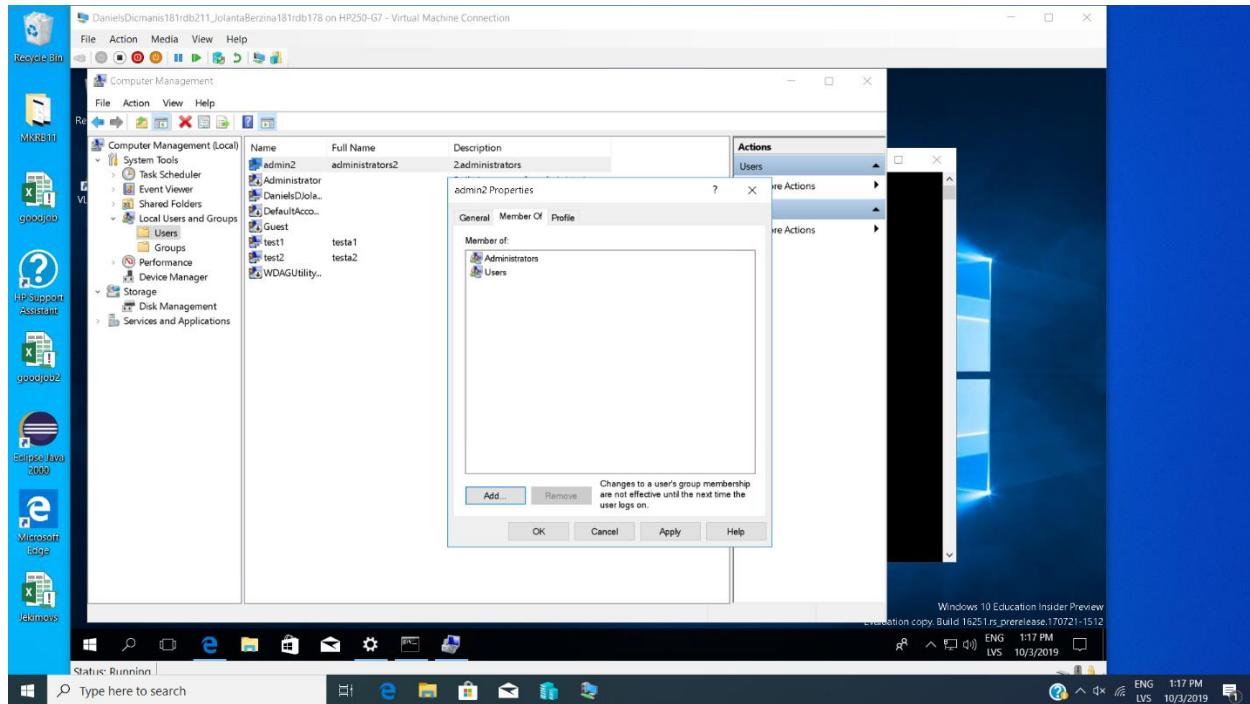
3) Grafiskās saskarnes optimizēšana maksimālai veikspējai, virtuālās atmiņas faila iestatījumi, displeja iestatījumi, Modern UI (Metro) saskarnes izpēte.



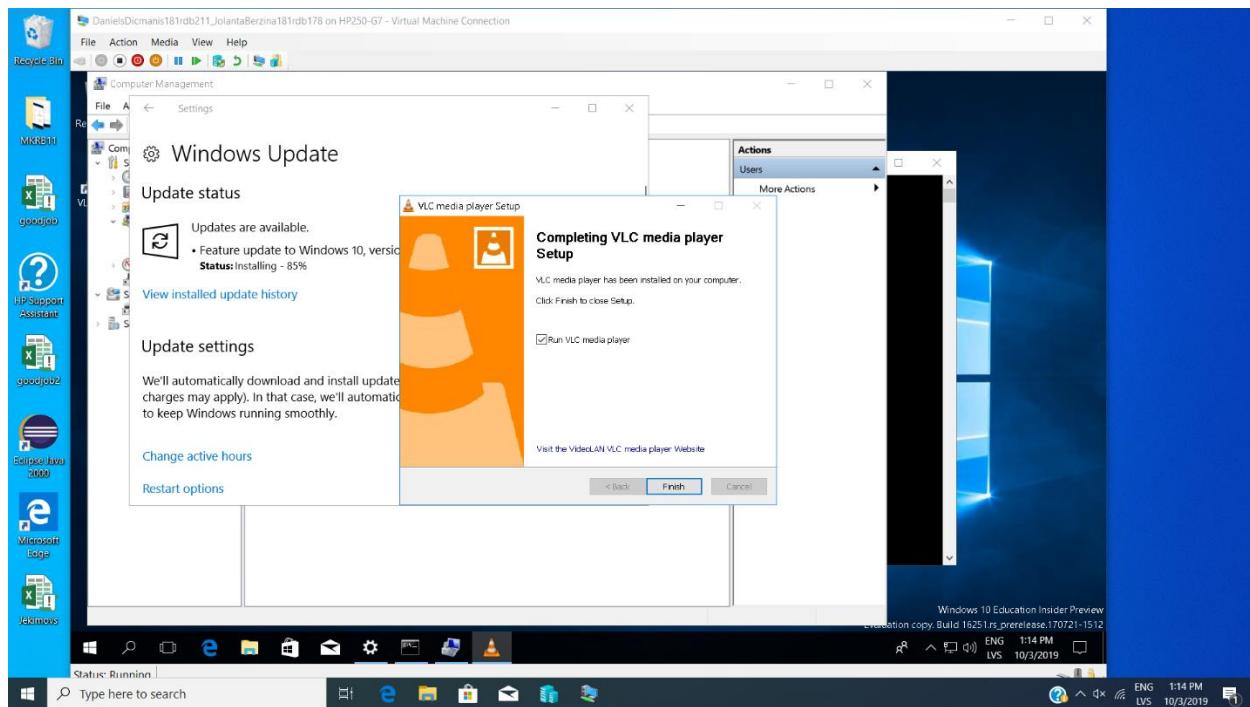
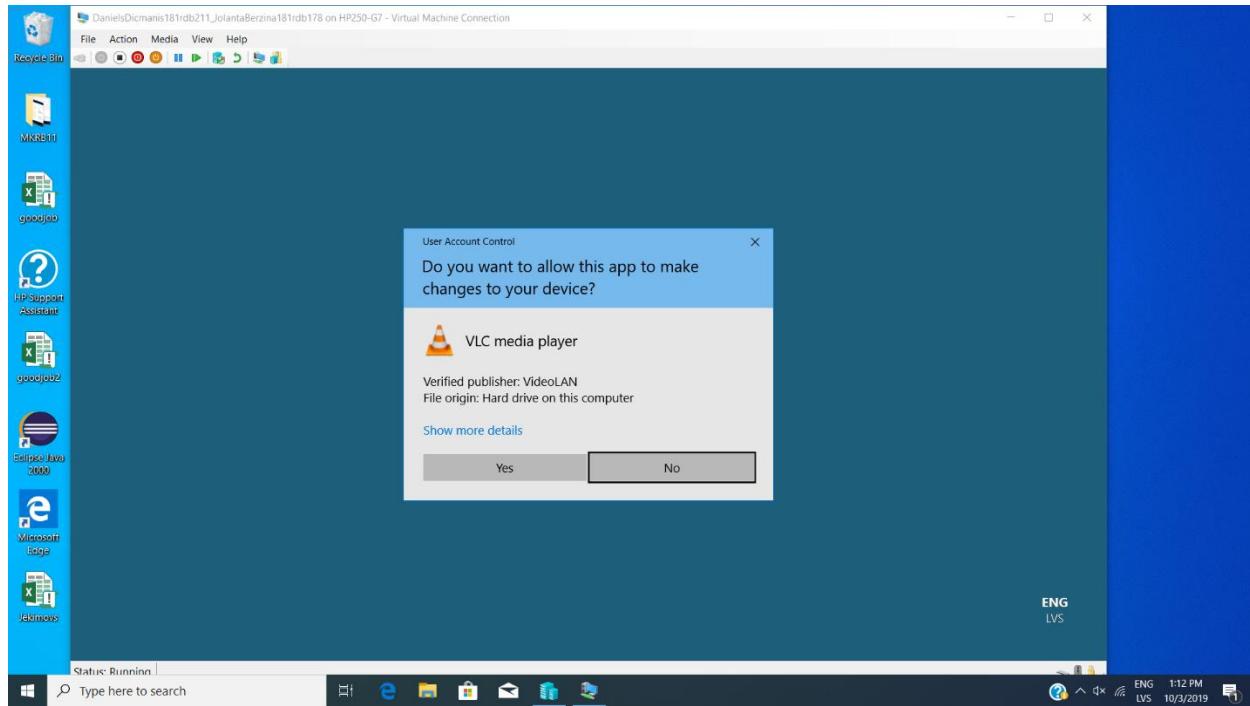
4) Lietotāju kontu izveide (otrs administrators un 2 parasti lietotāji), lietotāju mājas mapes izveidotas tā, ka citi lietotāji tajās netiek (skat. NTFS security, jauna lietotāja mape automātiski izveidojas šim lietotājam piesakoties sistēmā).



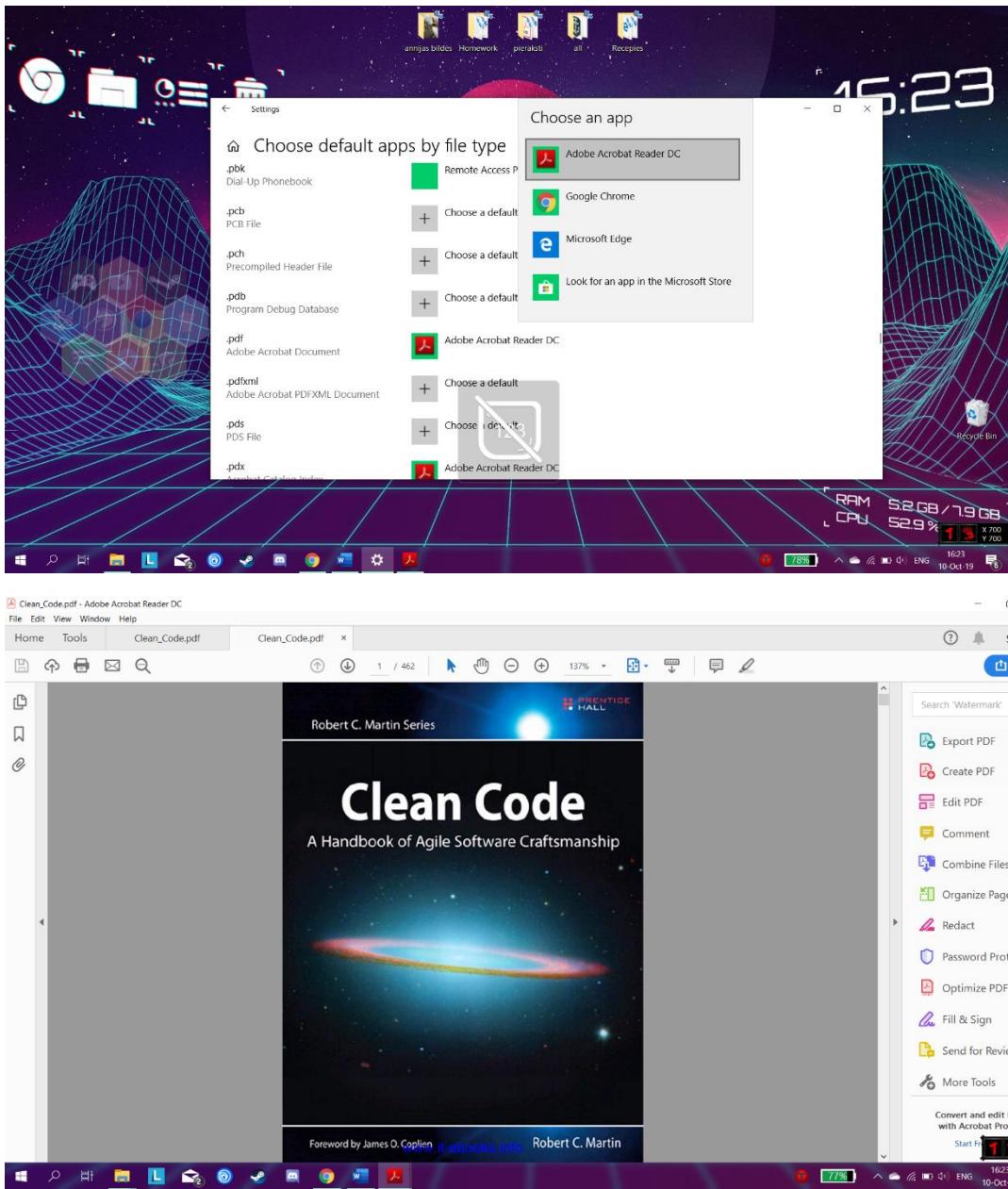




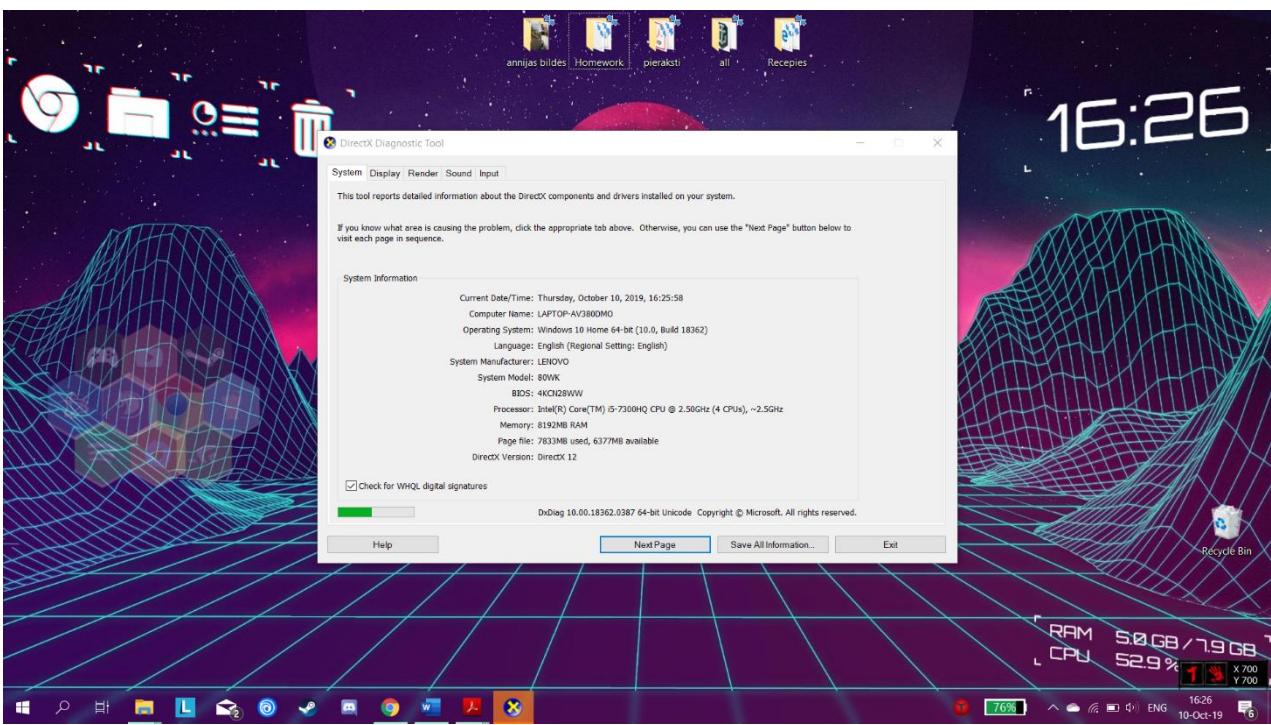
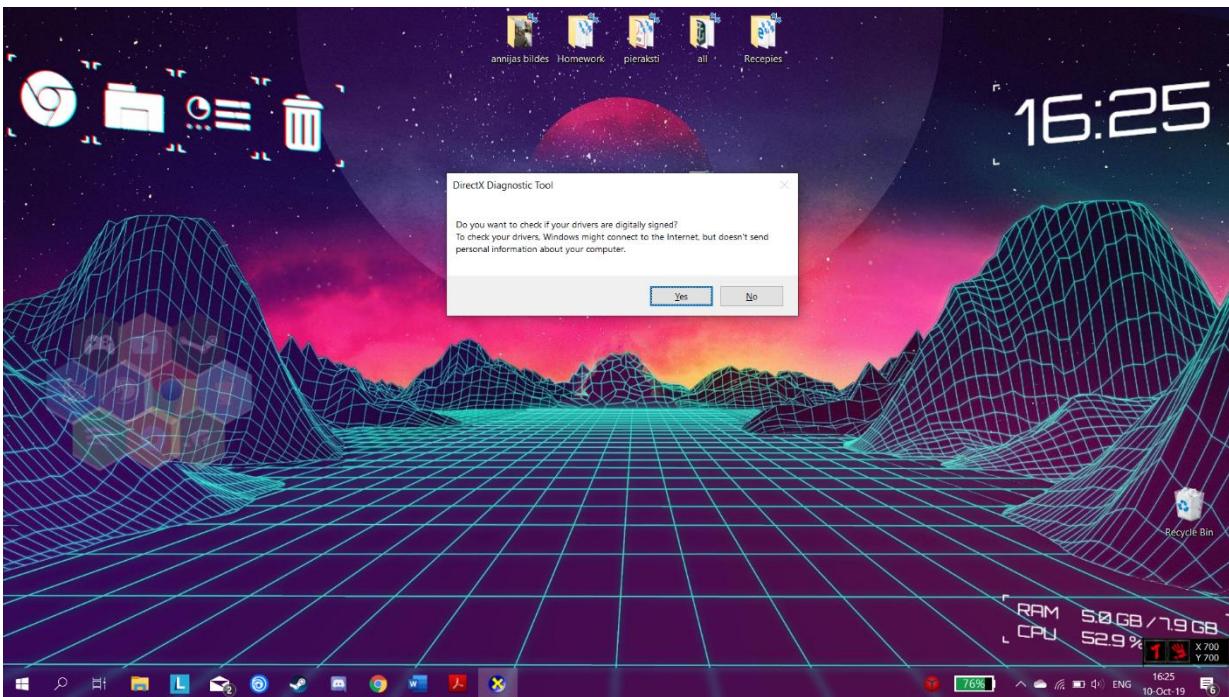
5) Biroja programmatūras instalēšana: Office 365 vai Office 2016 izmēģinājuma versija (vai 1. no 6 OpenOffice.org), grafikas un multimediju u.c. programmu pieinstalēšana (VLC) līdz datoru var uzskatīt par derīgu lietošanai.

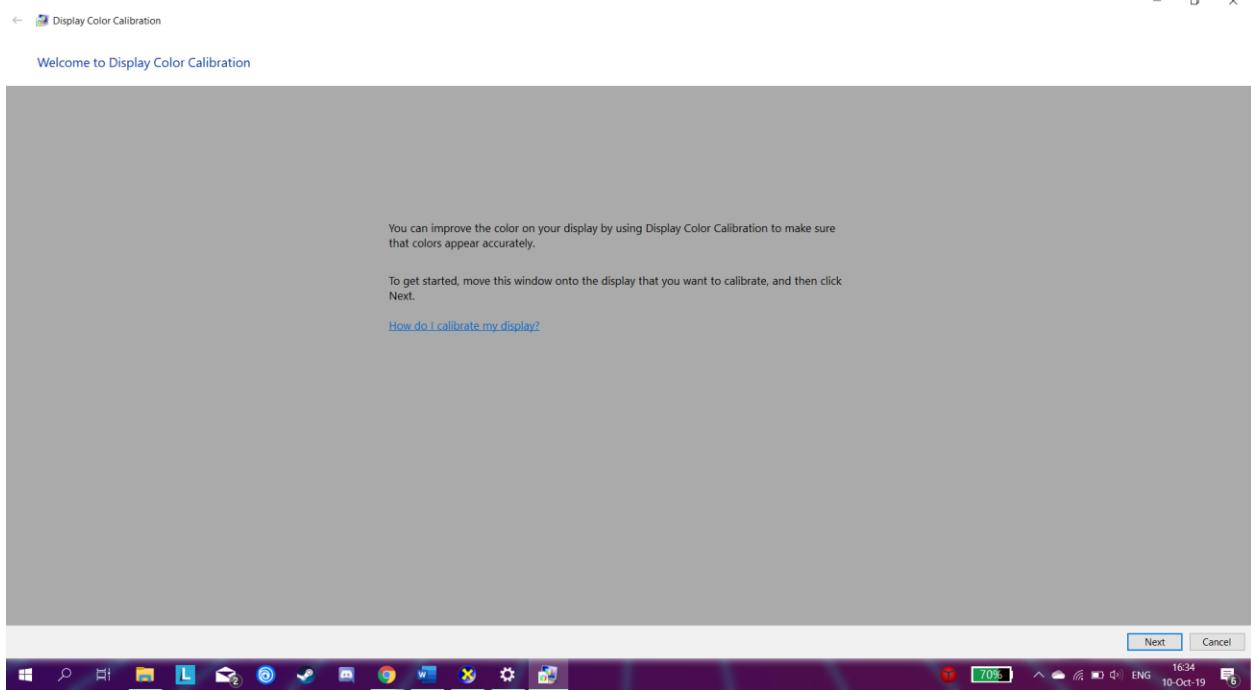
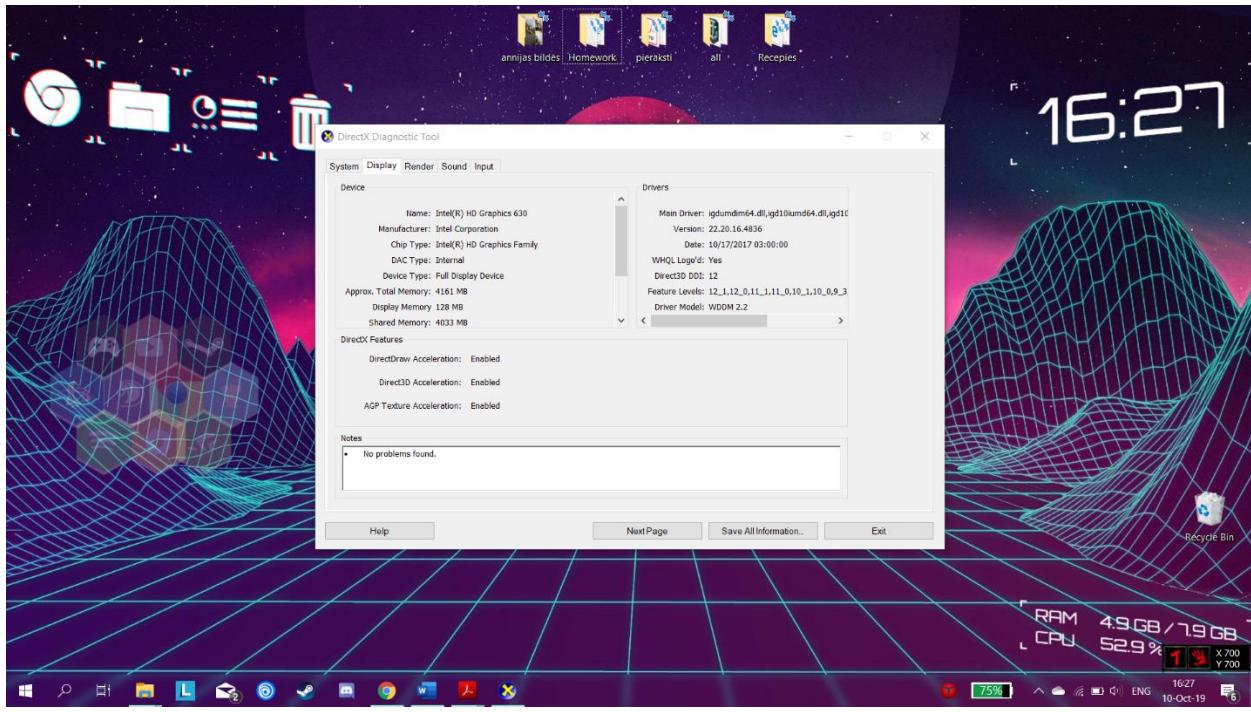


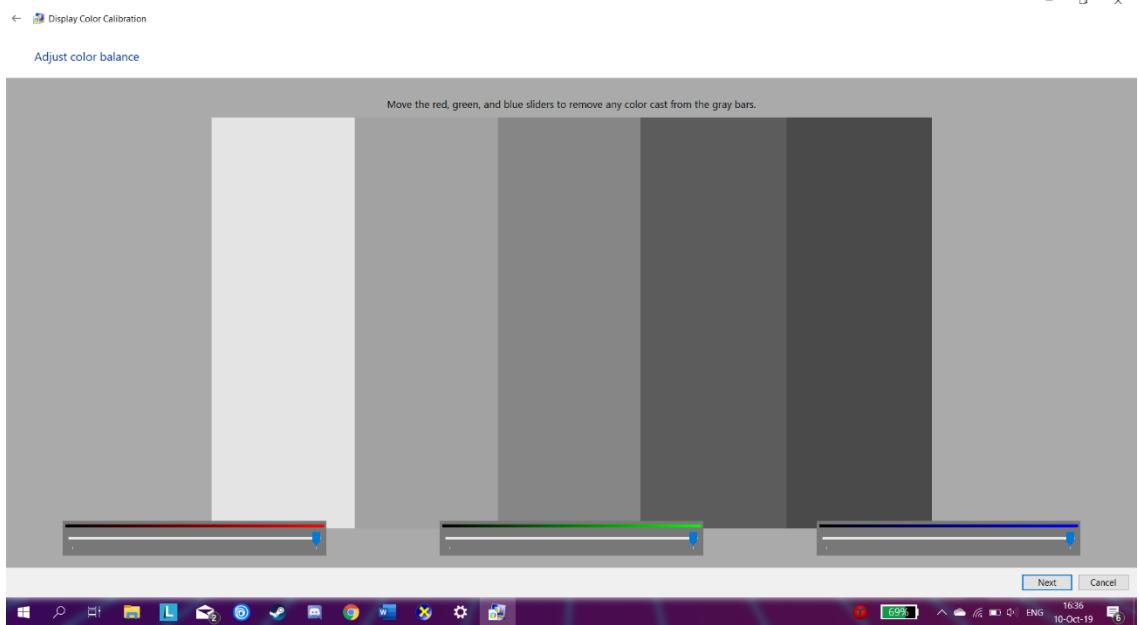
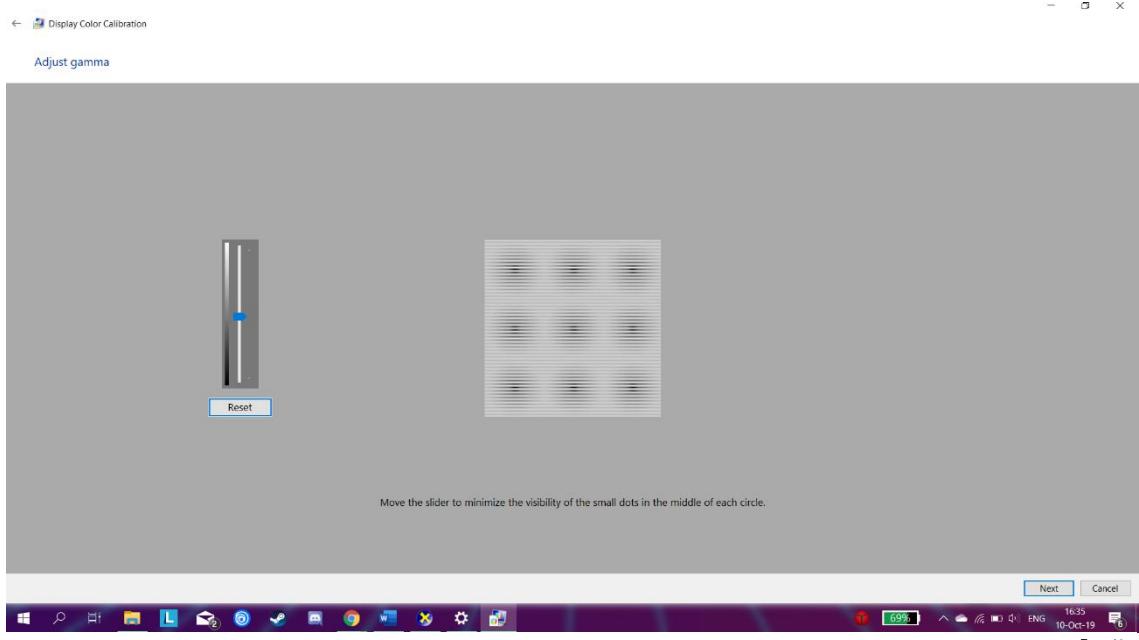
6) dažu tipiski neizmantotu servisu apturēšanas iespēju izpēte (vairs nav aktuāla, ja vienīgi manuāli aptur Hyper-V servisus, ja vēlas lietot VirtualBox). Windows noklusēto programmu pielāgošana, piemēram, izmānīt noklusētās programmas, lai pdf, doc atvērtos Desktop loga programmā, ne Modern UI.

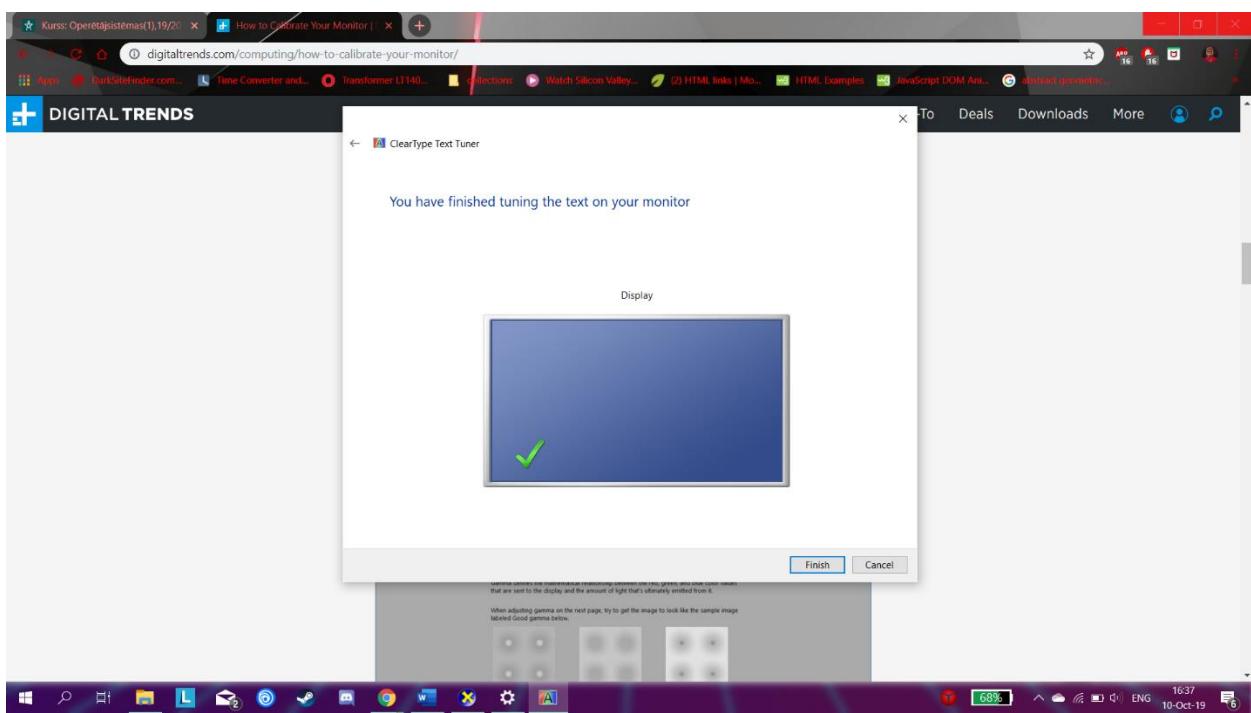
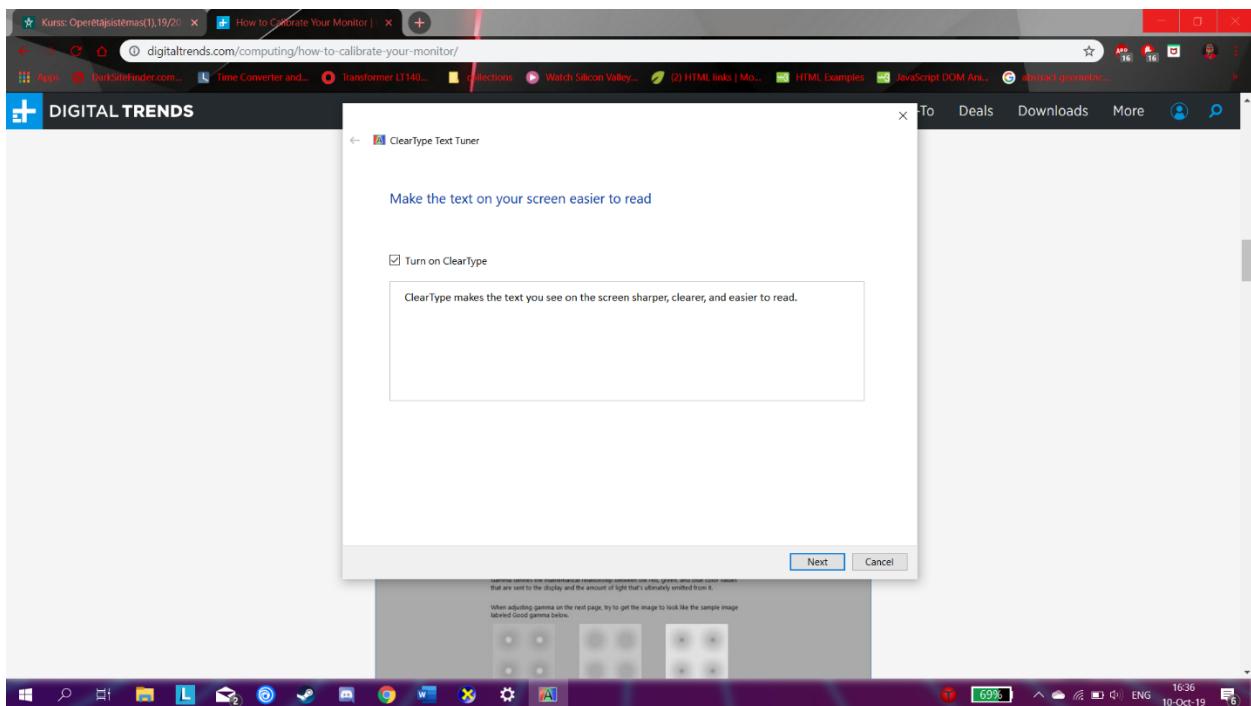


7) Veikt DirectX diagnostiku un displeja kalibrēšanu.

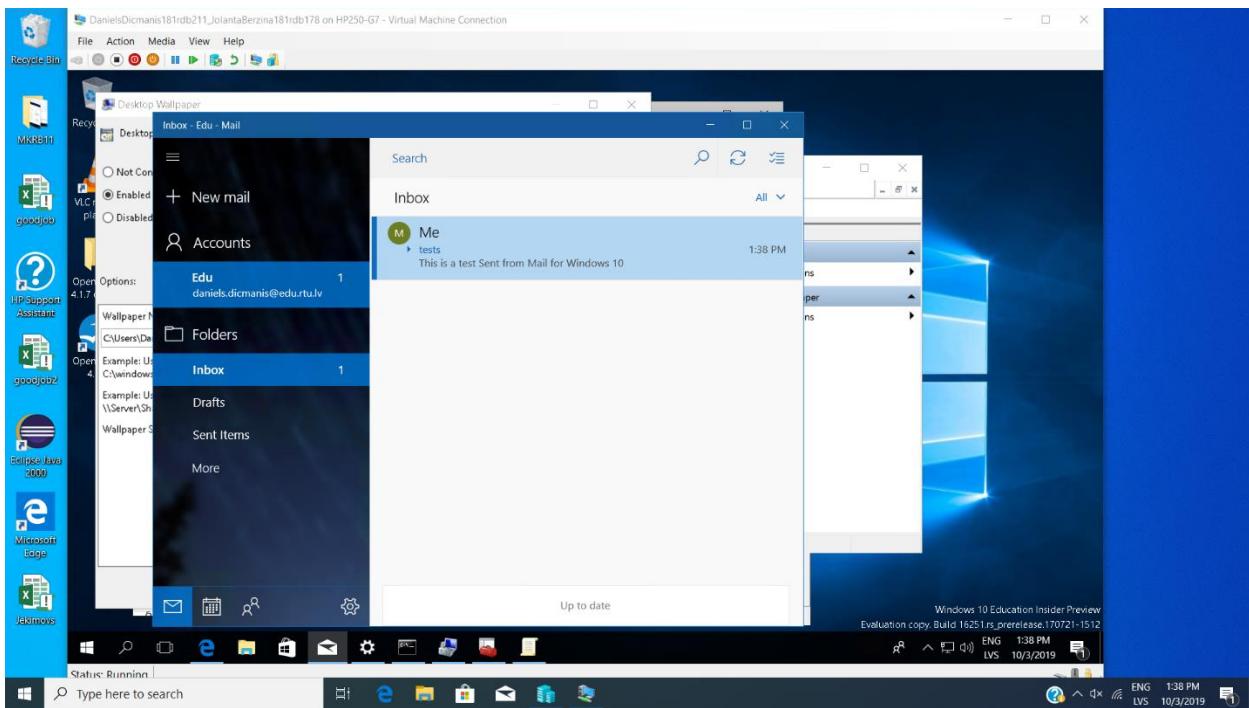
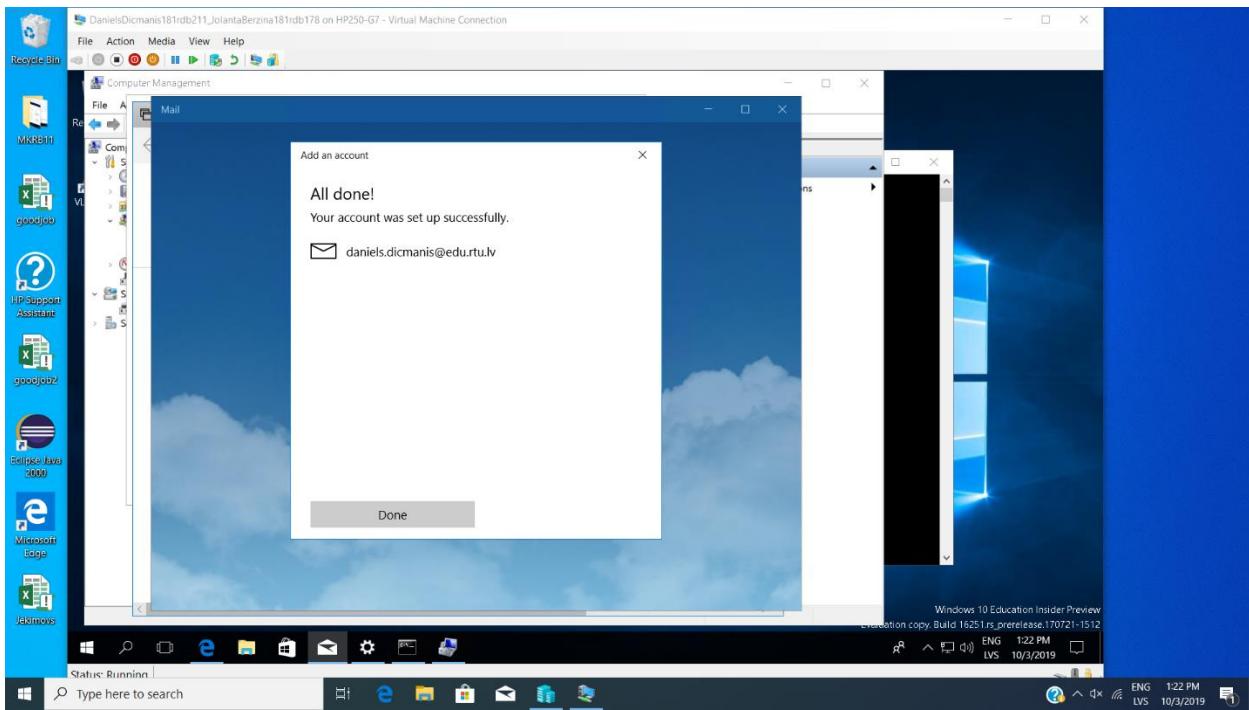




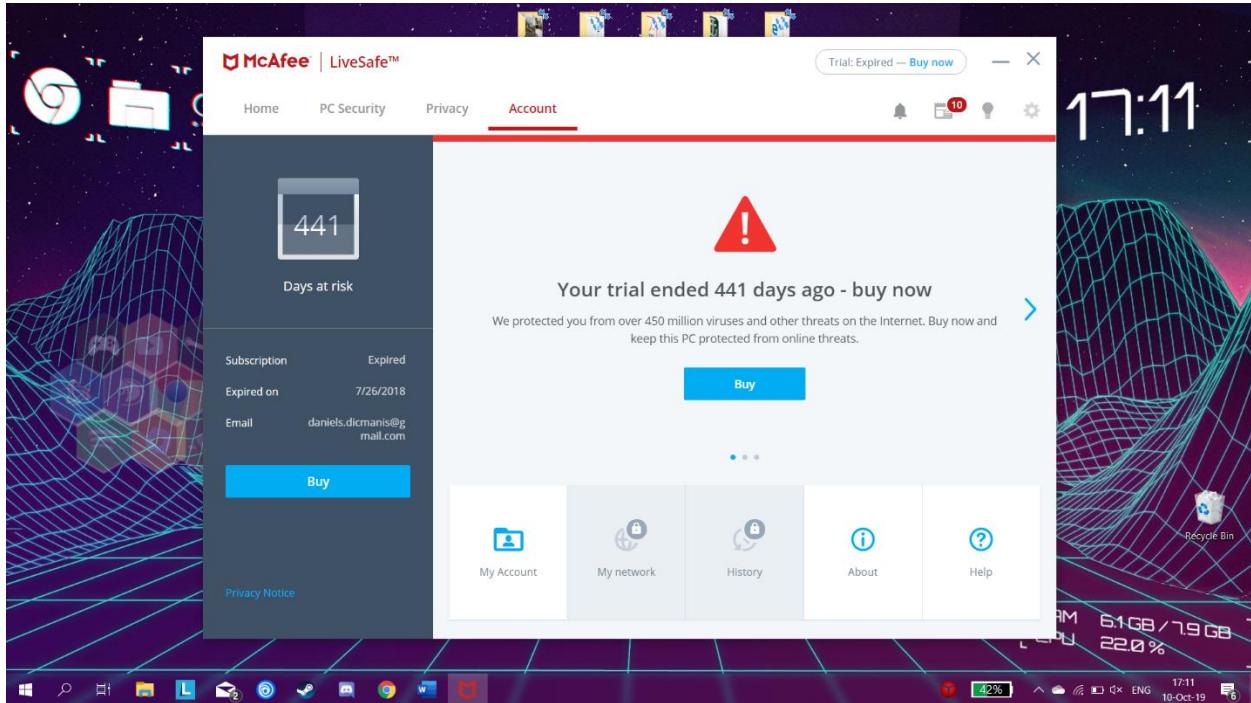




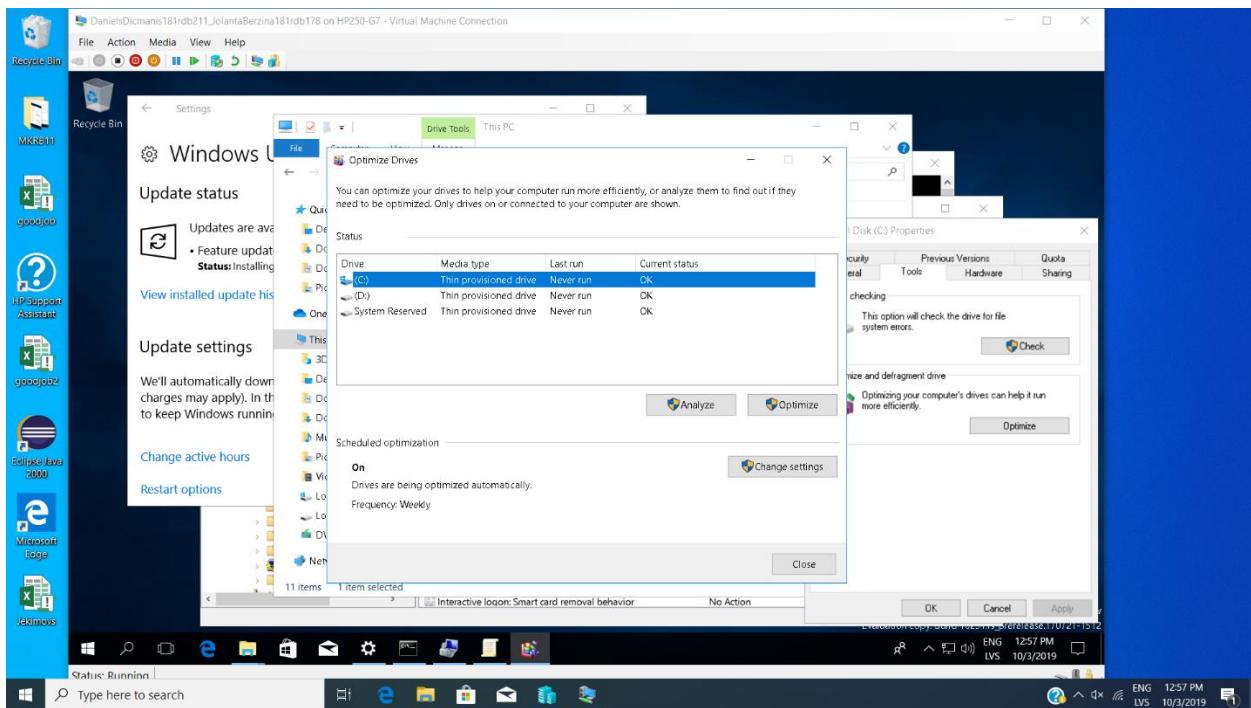
8) e-pasta klienta programmas Mail konfigurēšana darbam ar, piemēram, RTU e-pastu.



9) Brīvlietojuma antivirusa (var ne-reāla laika Clam AV no <http://www.clamwin.com/>), arhīvācijas (7zip) un alternatīvas pārlūkprogrammas (Firefox, Chrome, Opera vai cita) instalēšana un konfigurēšana.

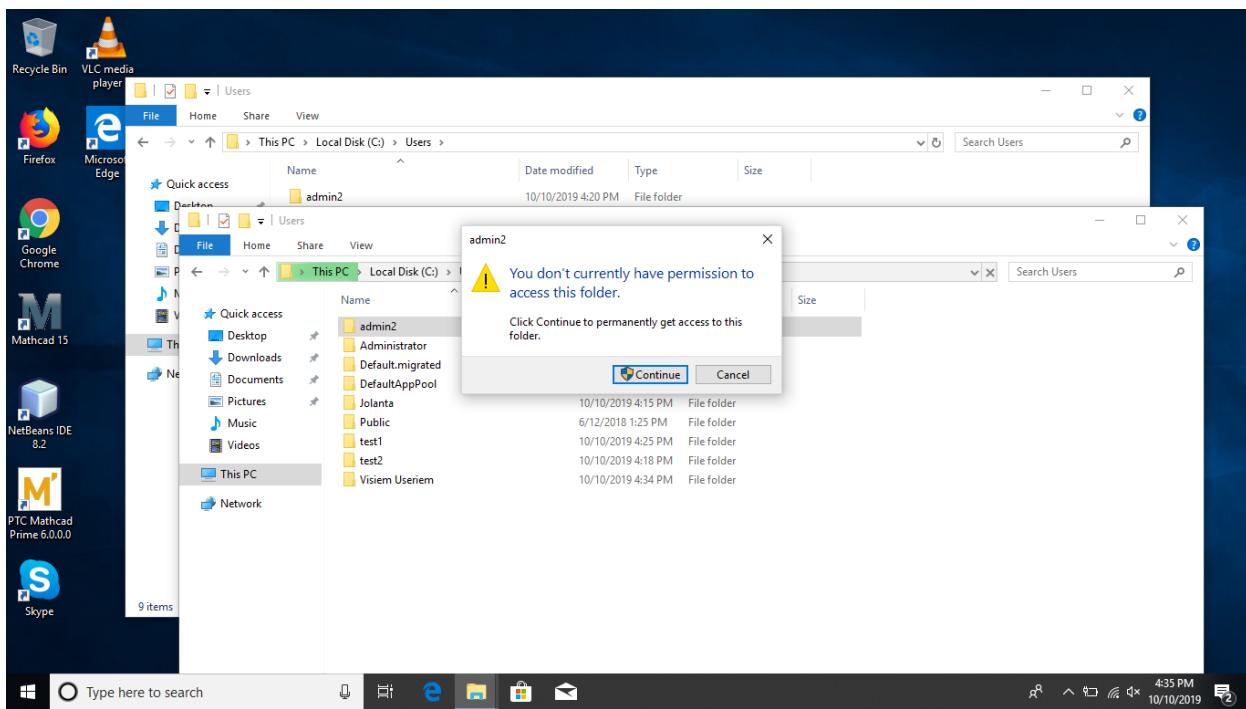
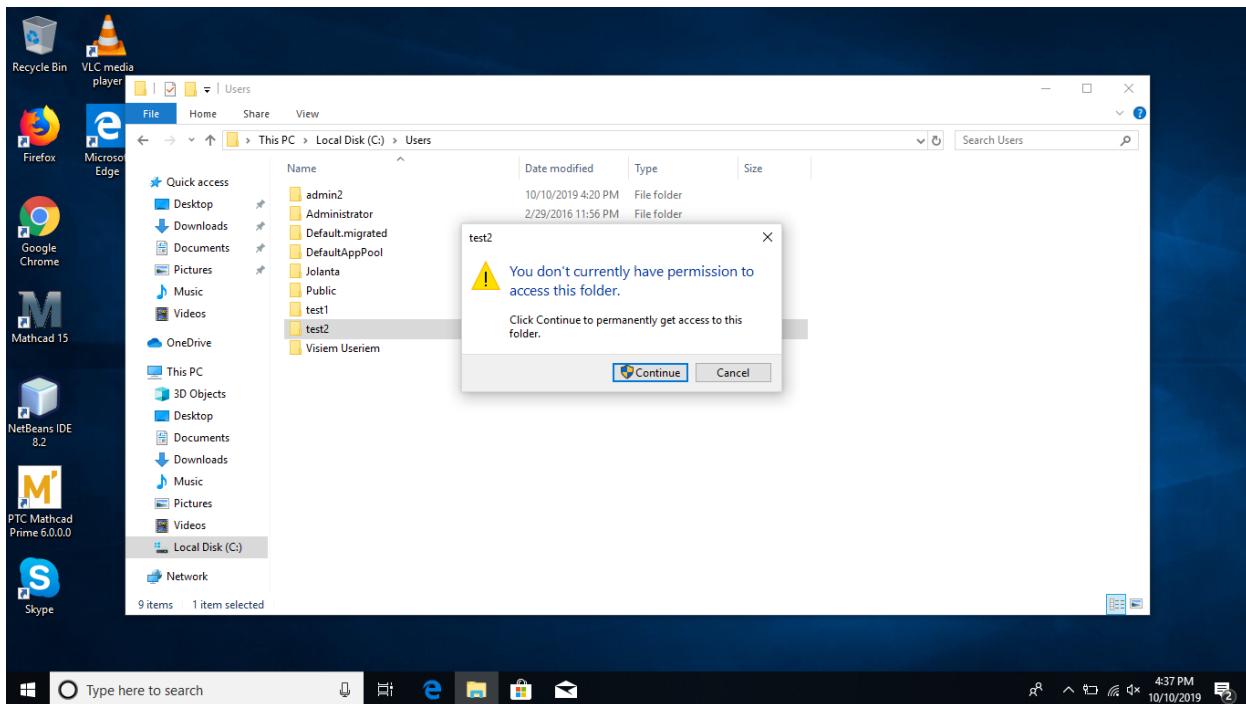


10) Windows rezerves kopiju veidošanas un citi sistēmas, tajā skaitā HDD rīki.

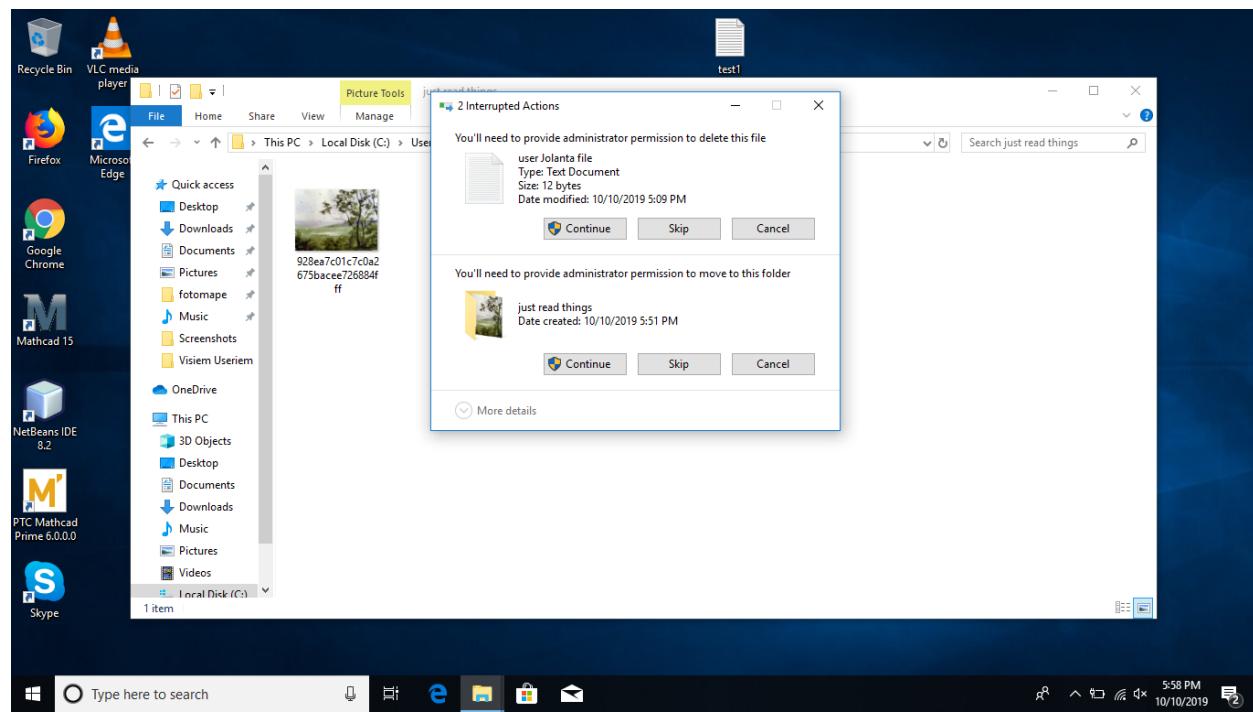
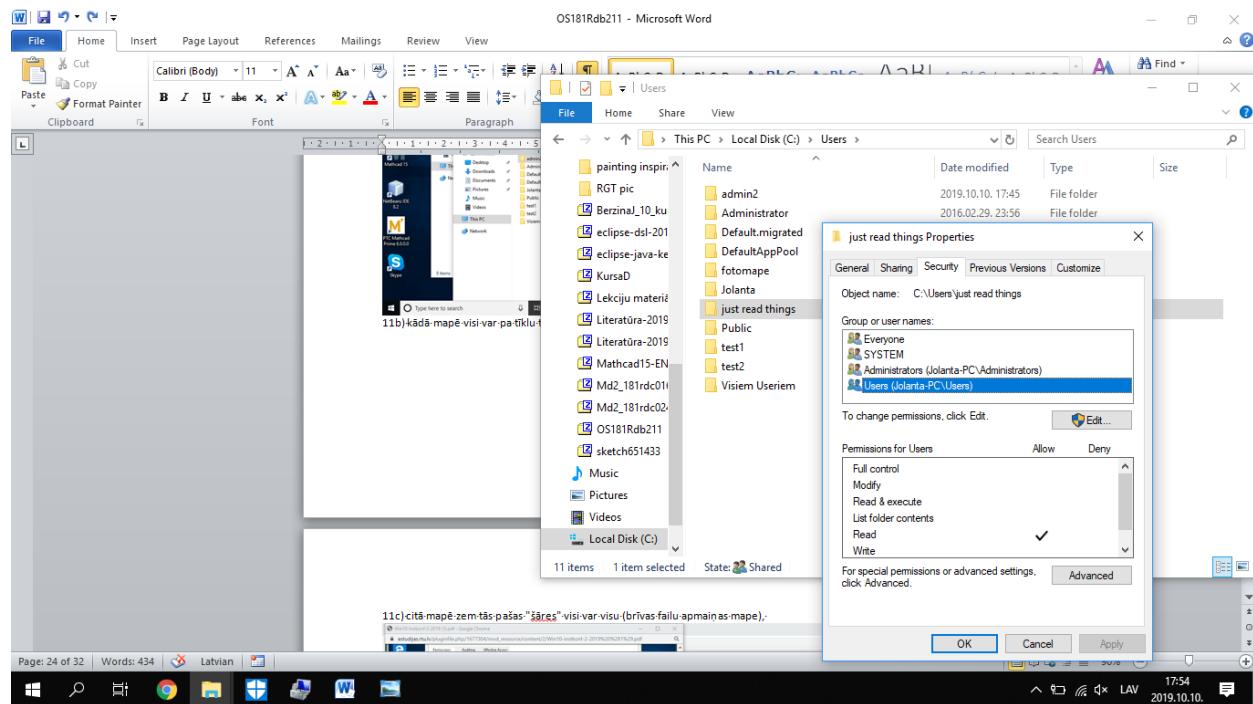


11) Koplietojuma resursa (Share) izveide (uzmanība pareizām gan šāres, gan NTFS tiesībām).

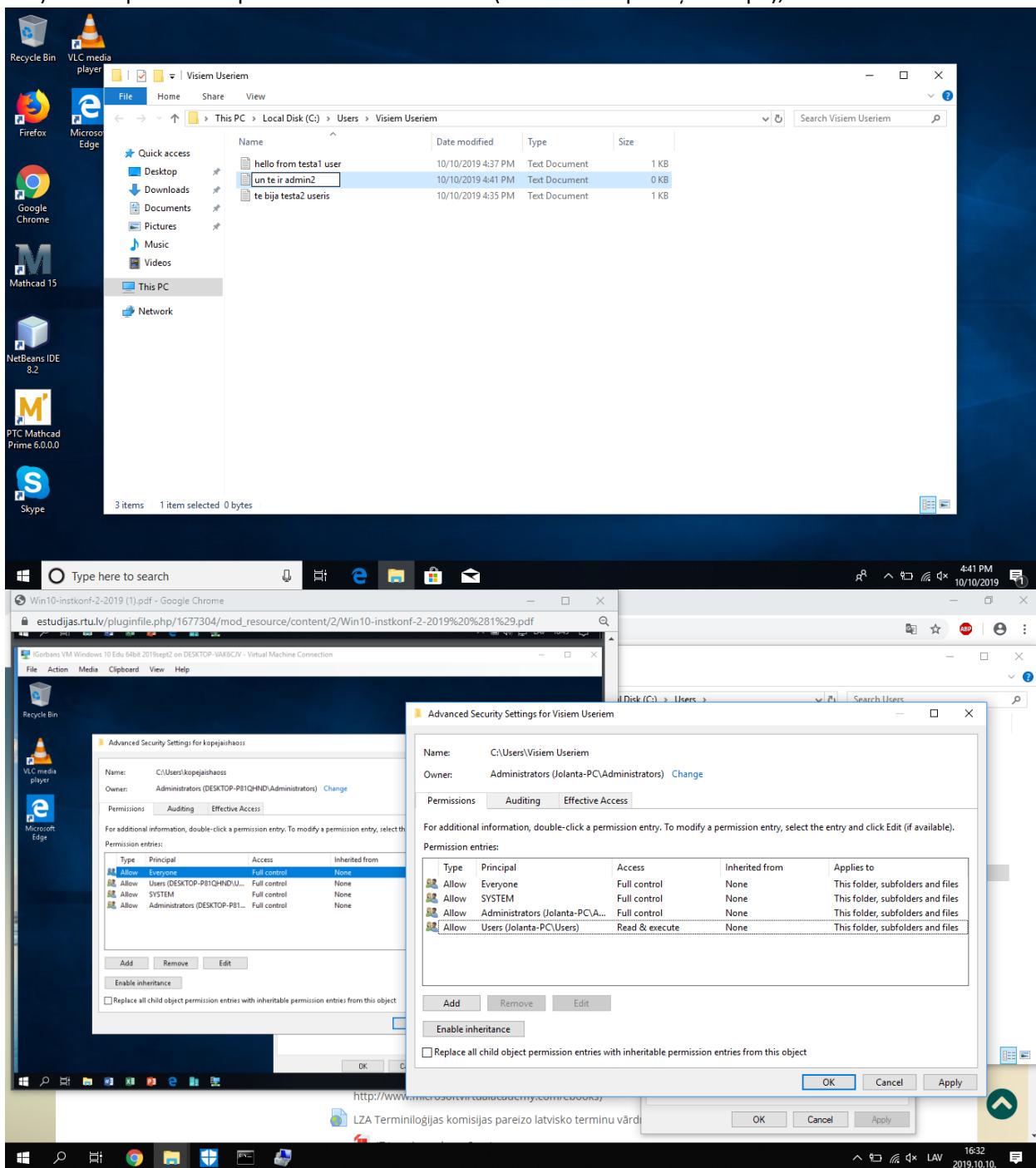
11a) lietotāju mājas mapēs tiek tikai lietotājs, administratori un sistēma,



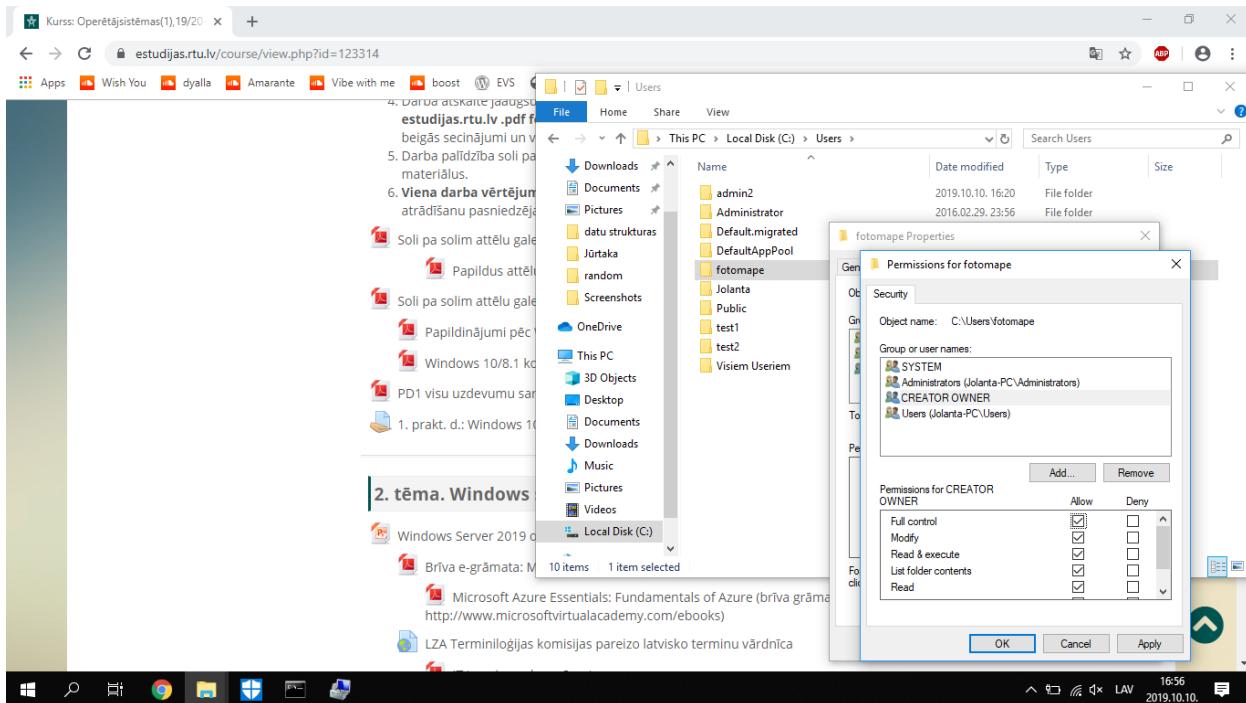
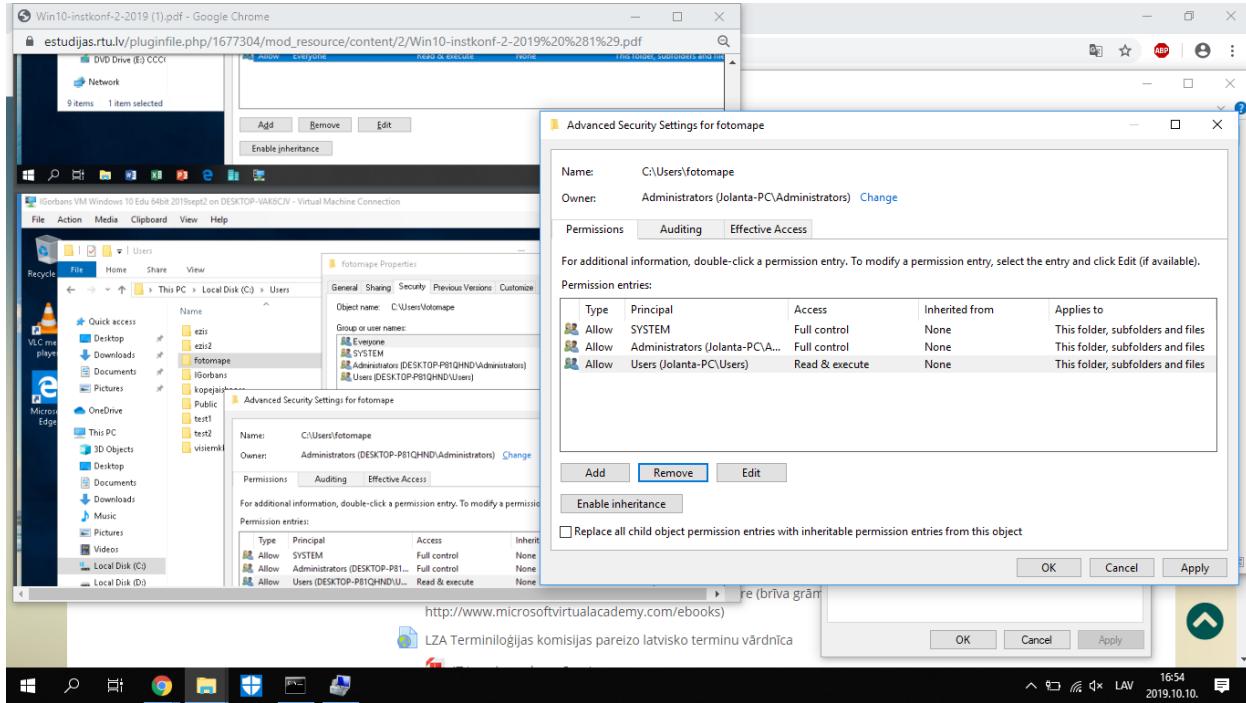
11b) kādā mapē visi var pa tīklu tikai lasīt,

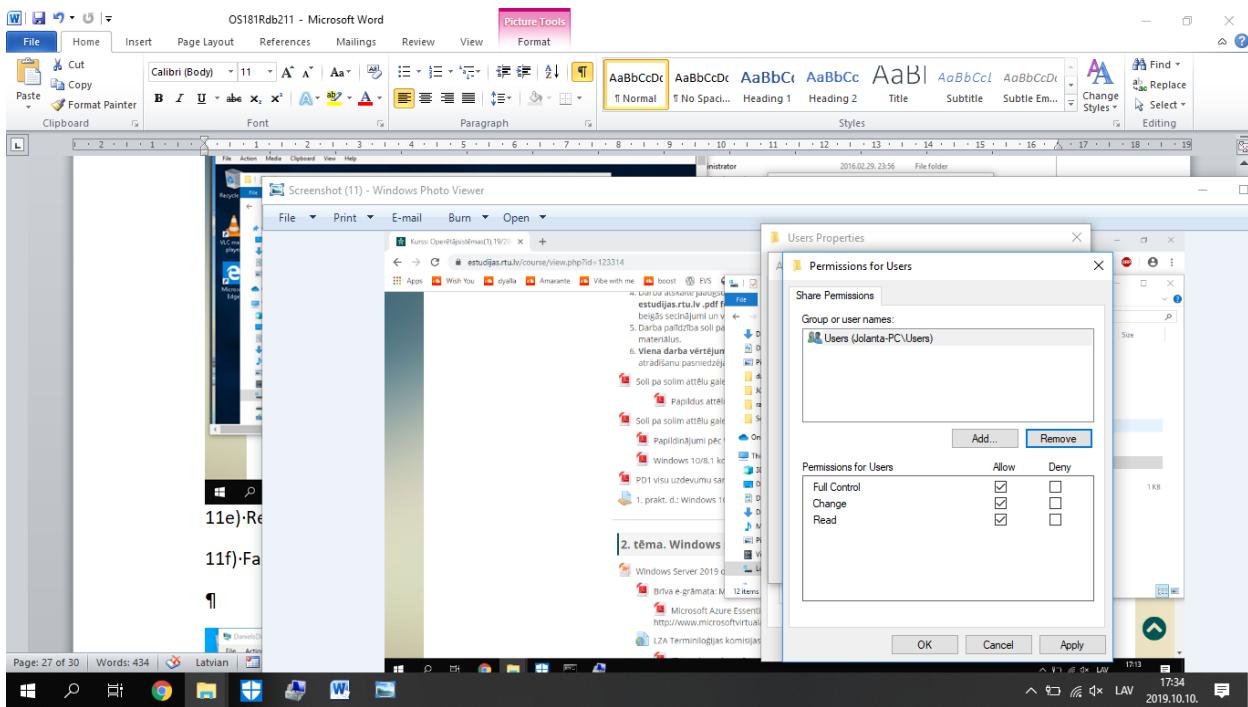
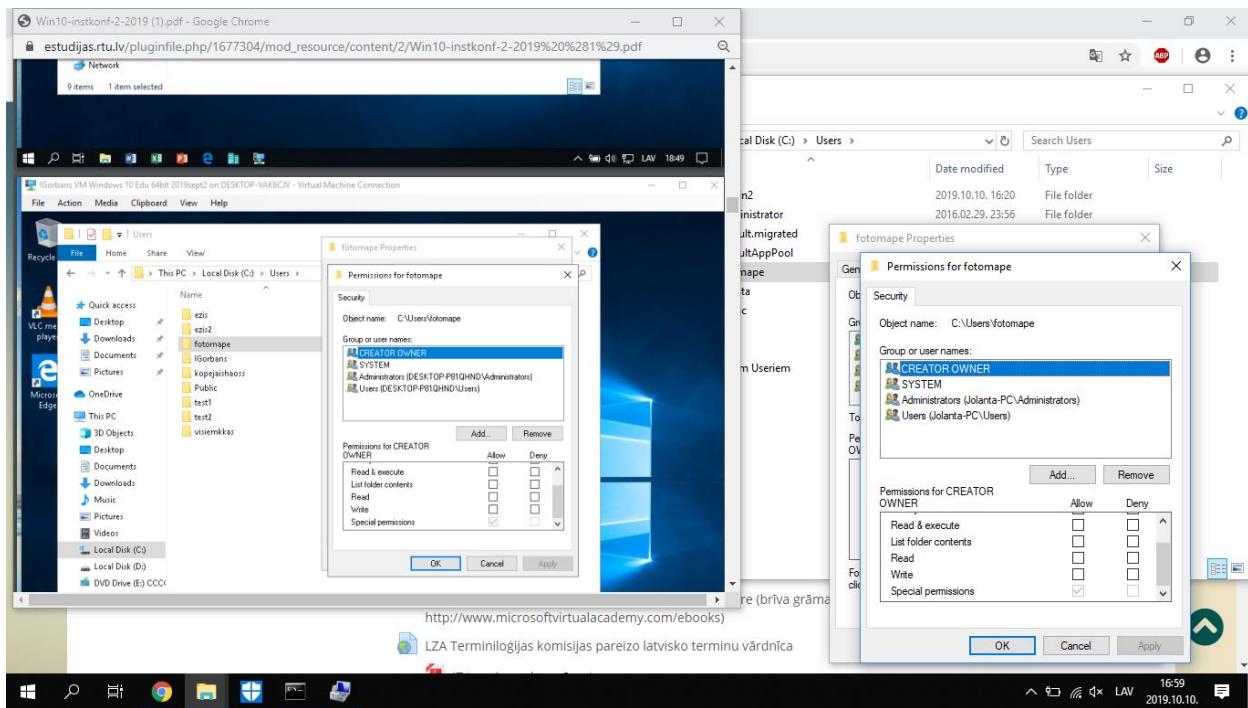


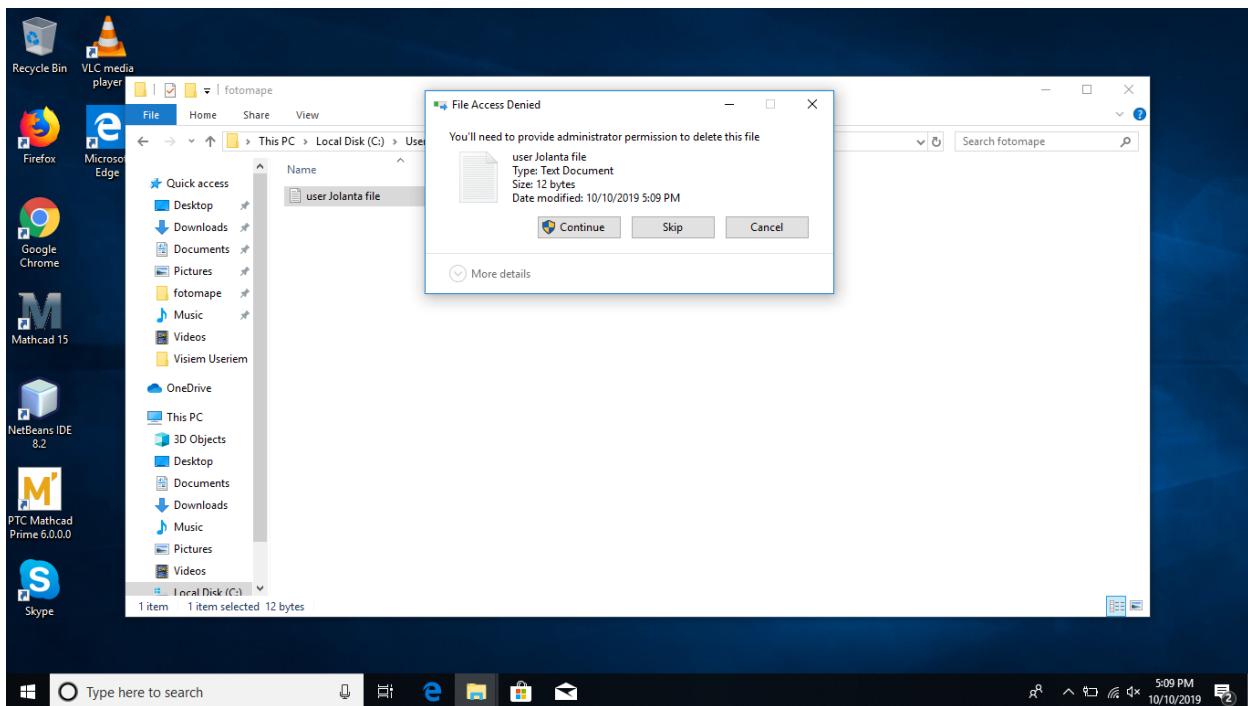
11c) citā mapē zem tās pašas "šāres" visi var visu (brīvas failu apmaiņas mape),



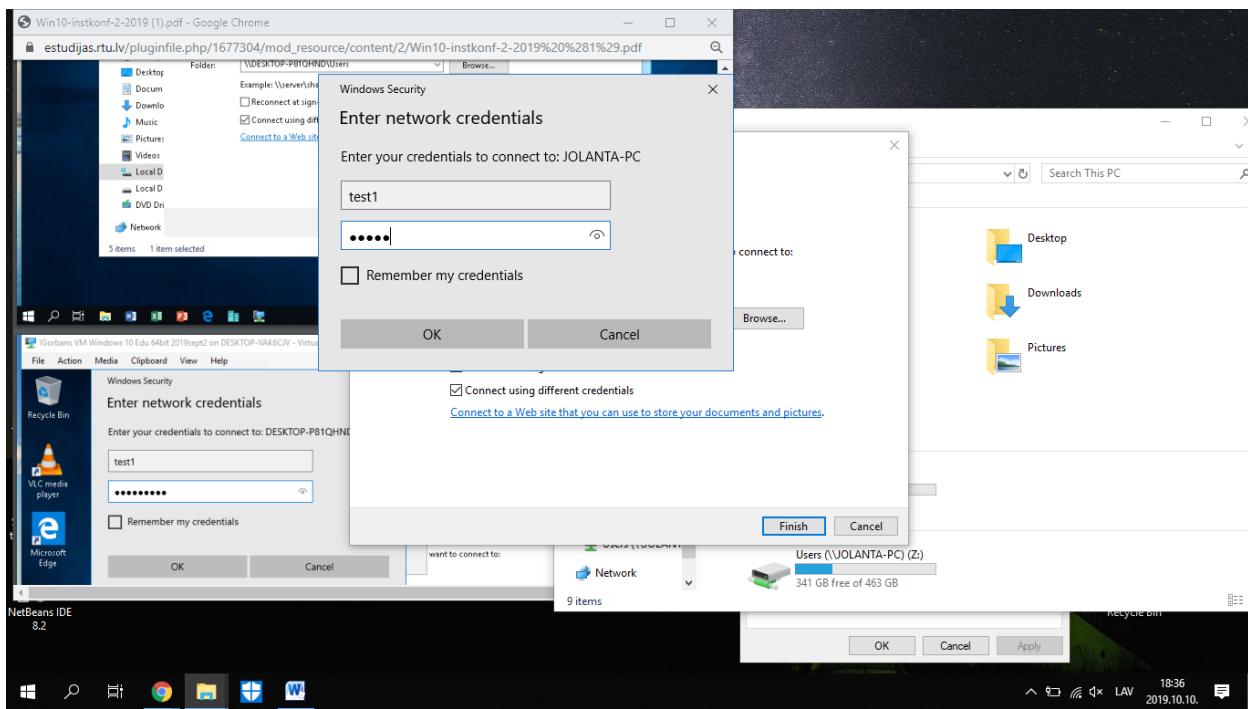
11d) fotogrāfiju vai izeošo dokumentu mape, kurā visi var lasīt un iekopēt, bet dzēst un labot var tikai tas, kurš iekopējis.

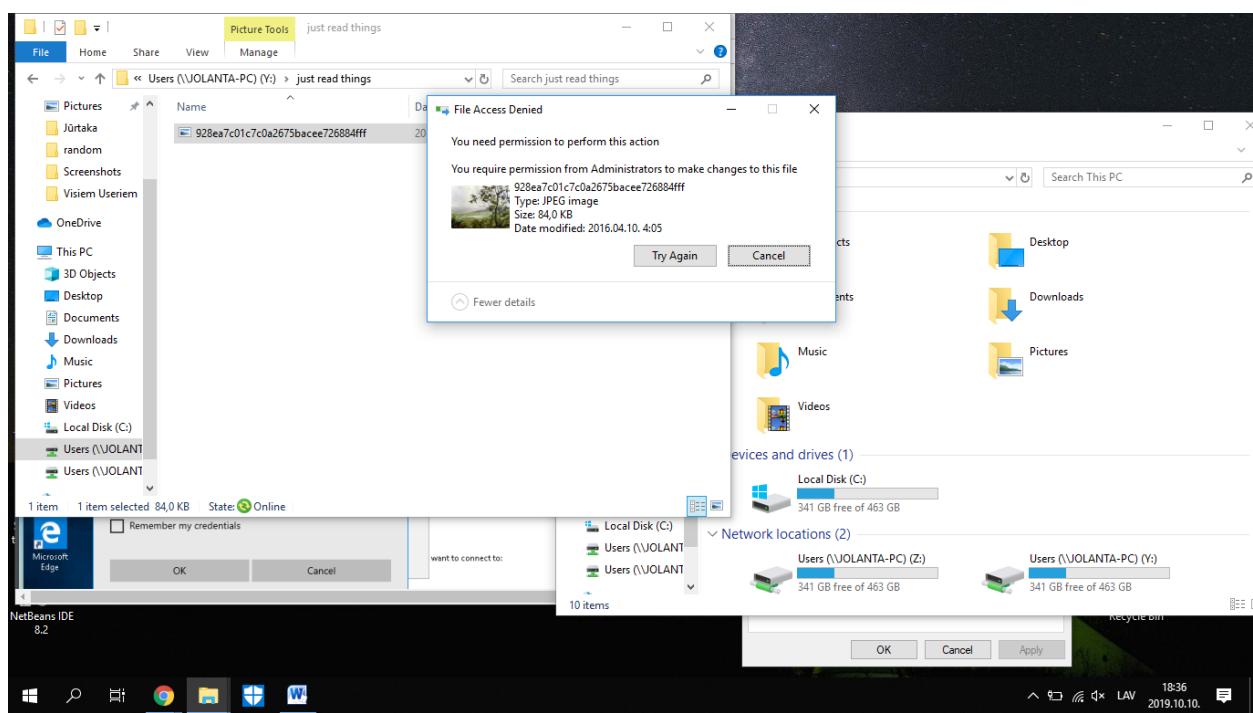
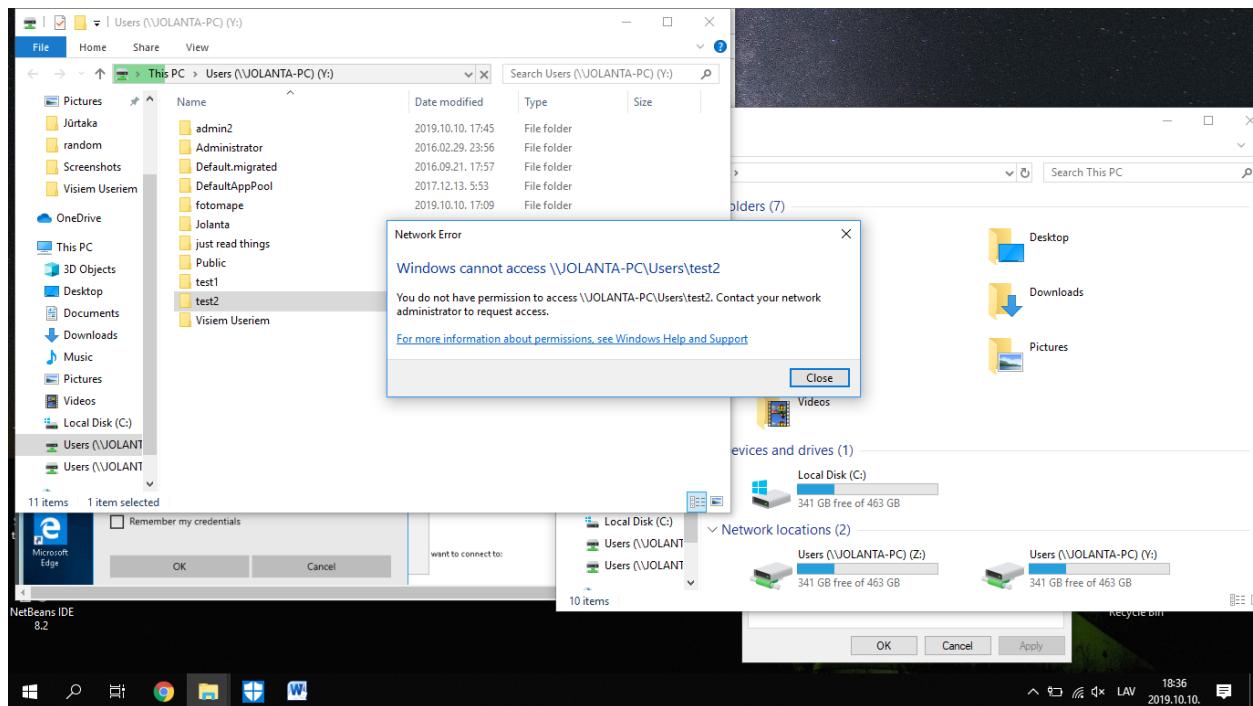


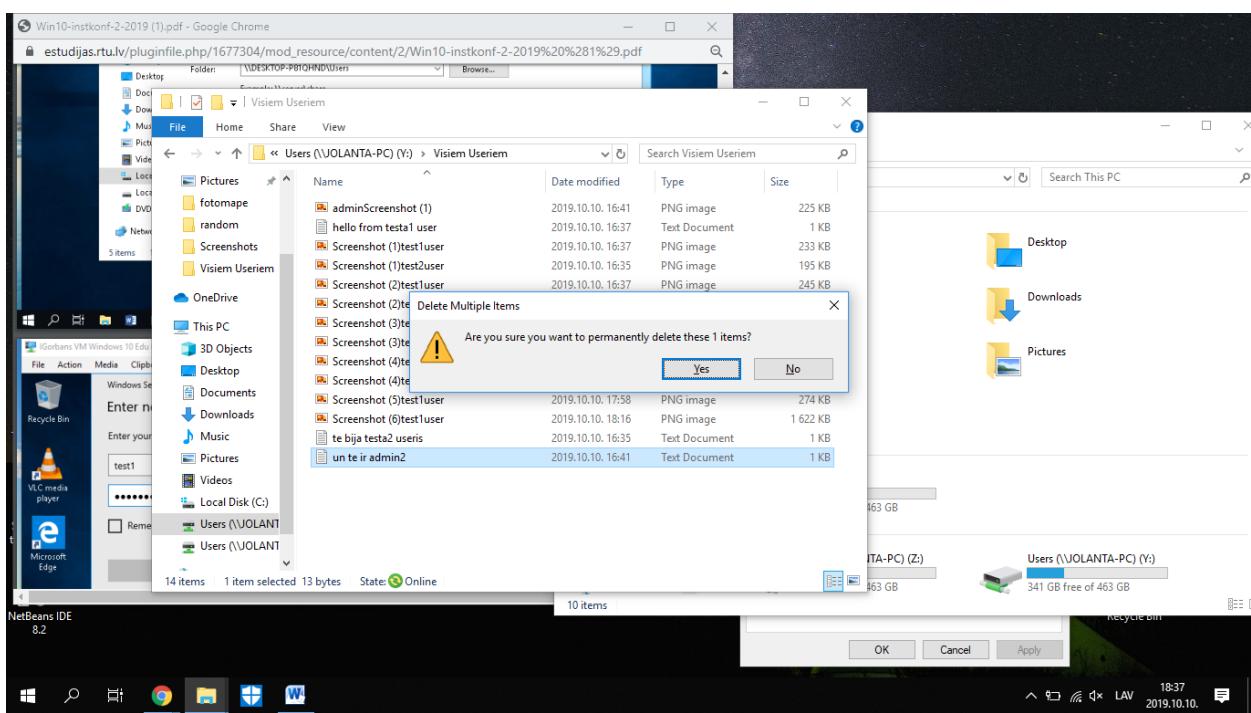
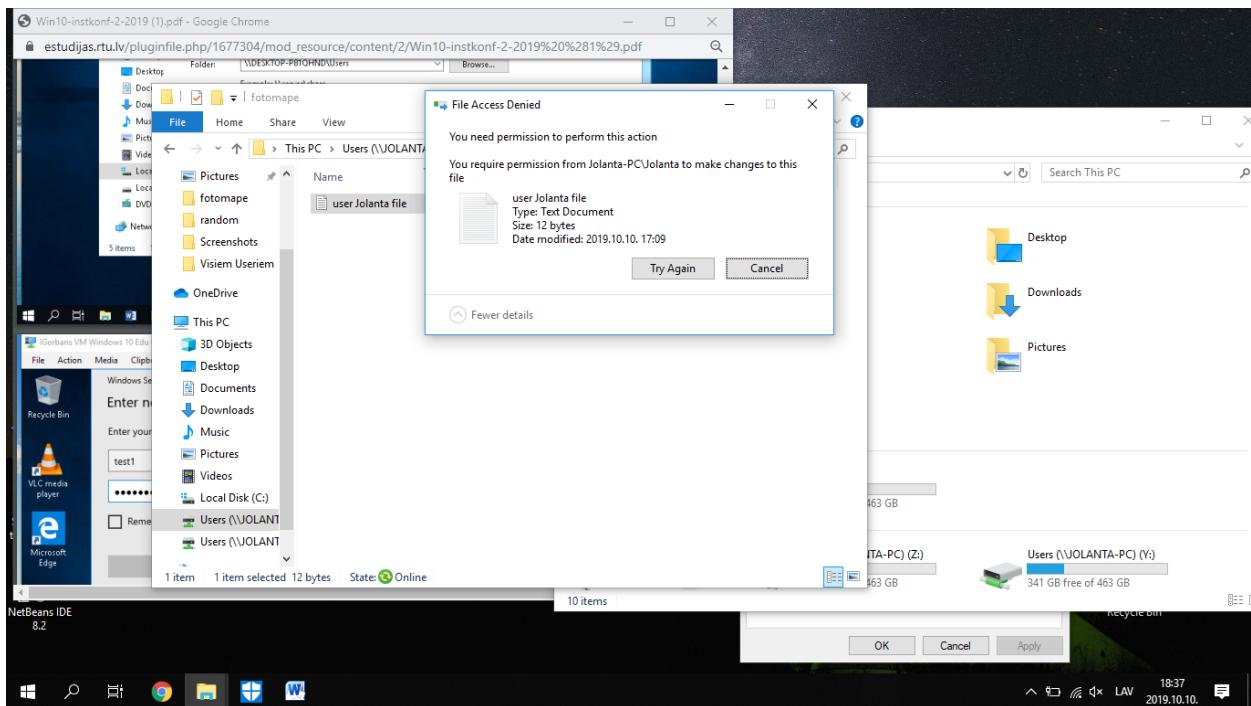




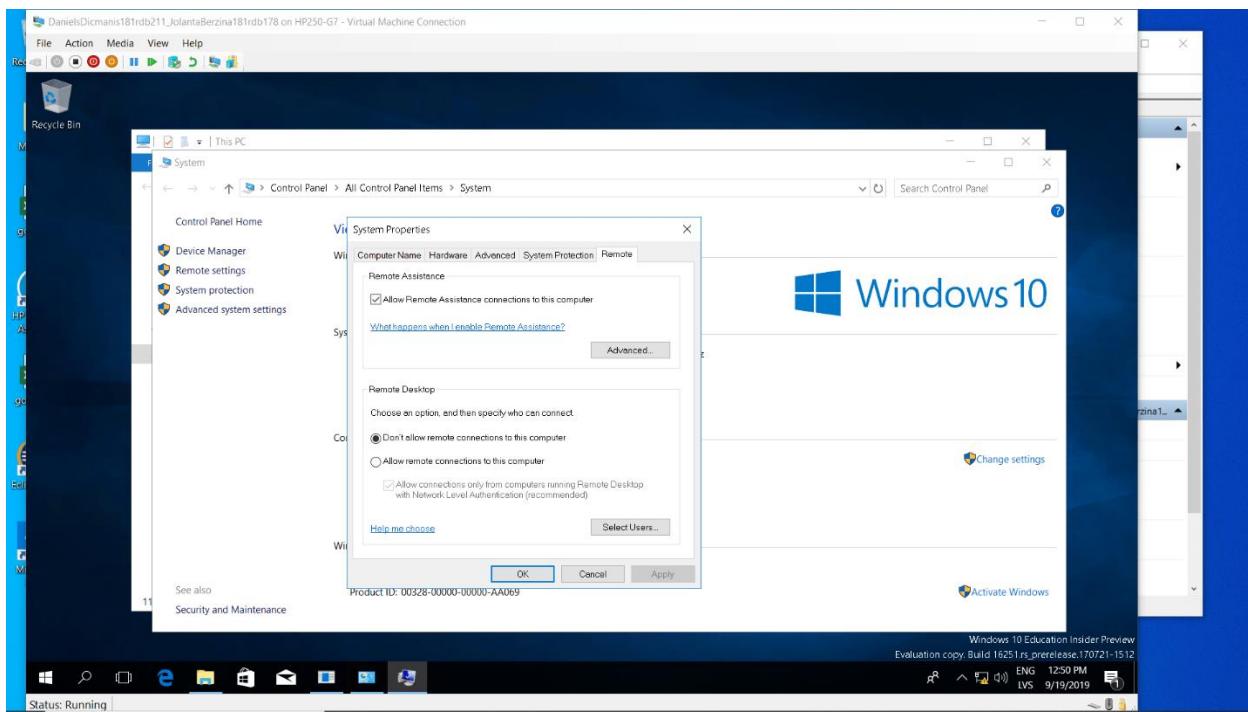
11e) Resultāta pārbaude no tīkla ar Map Network Drive.



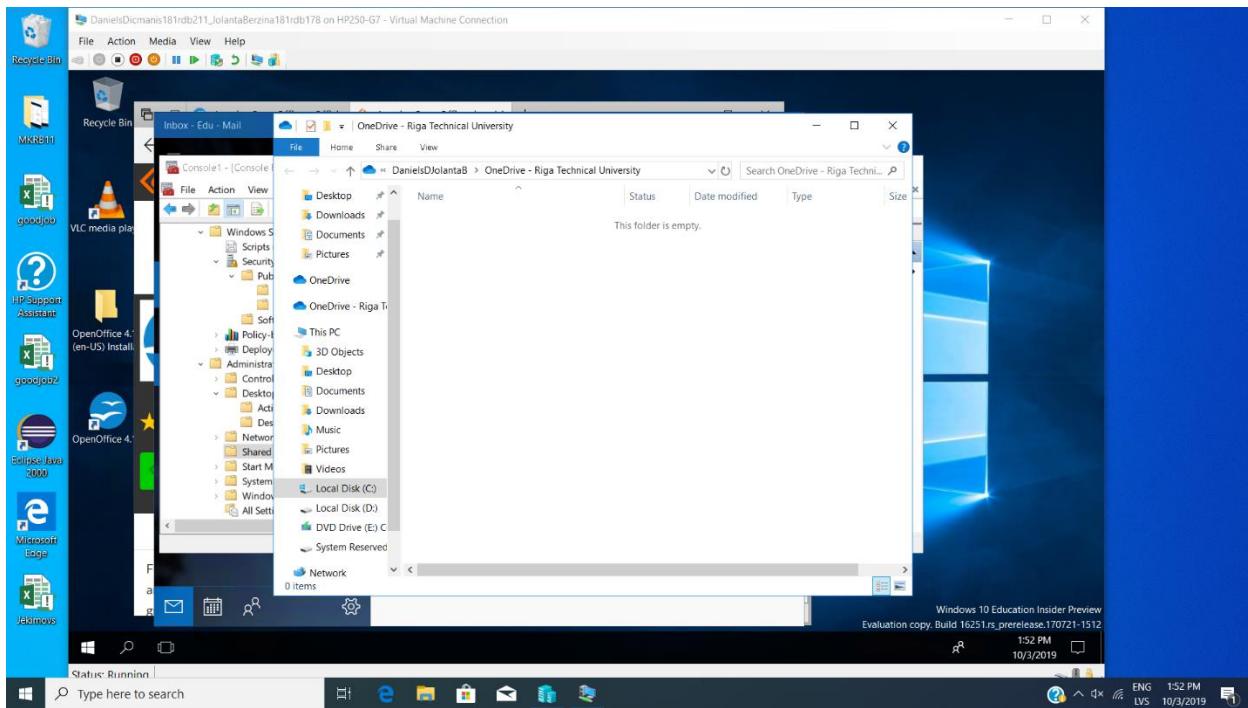


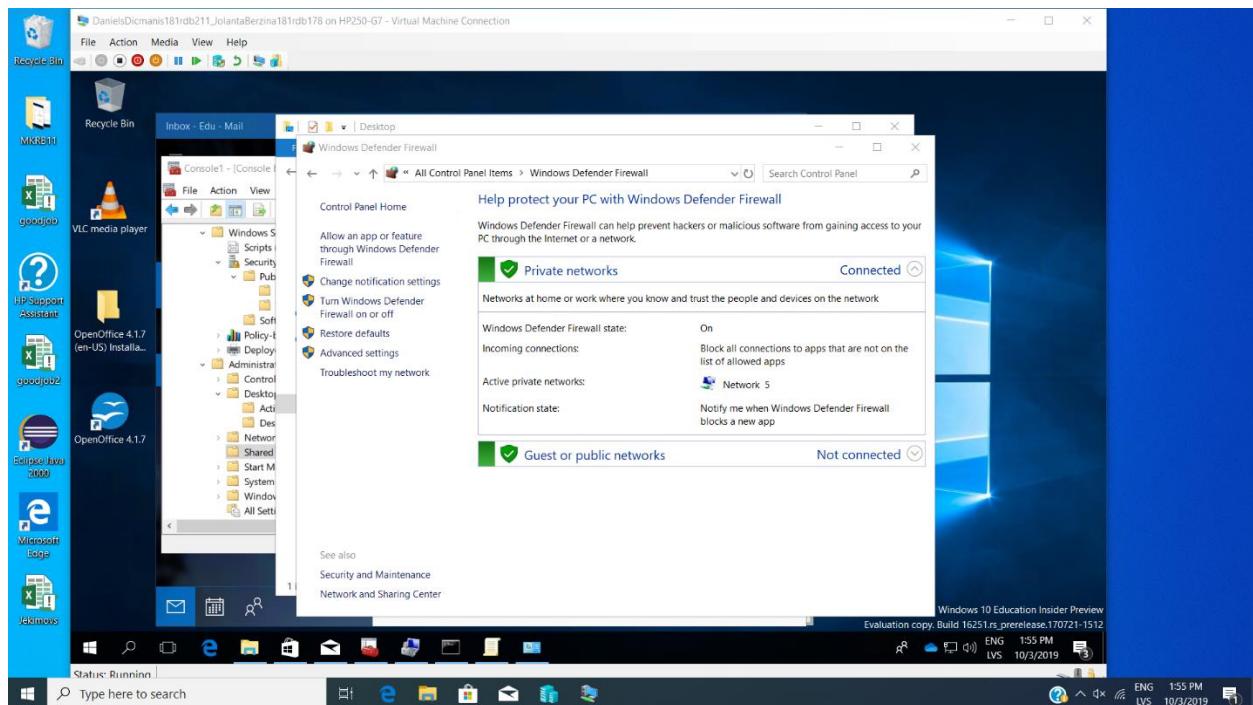
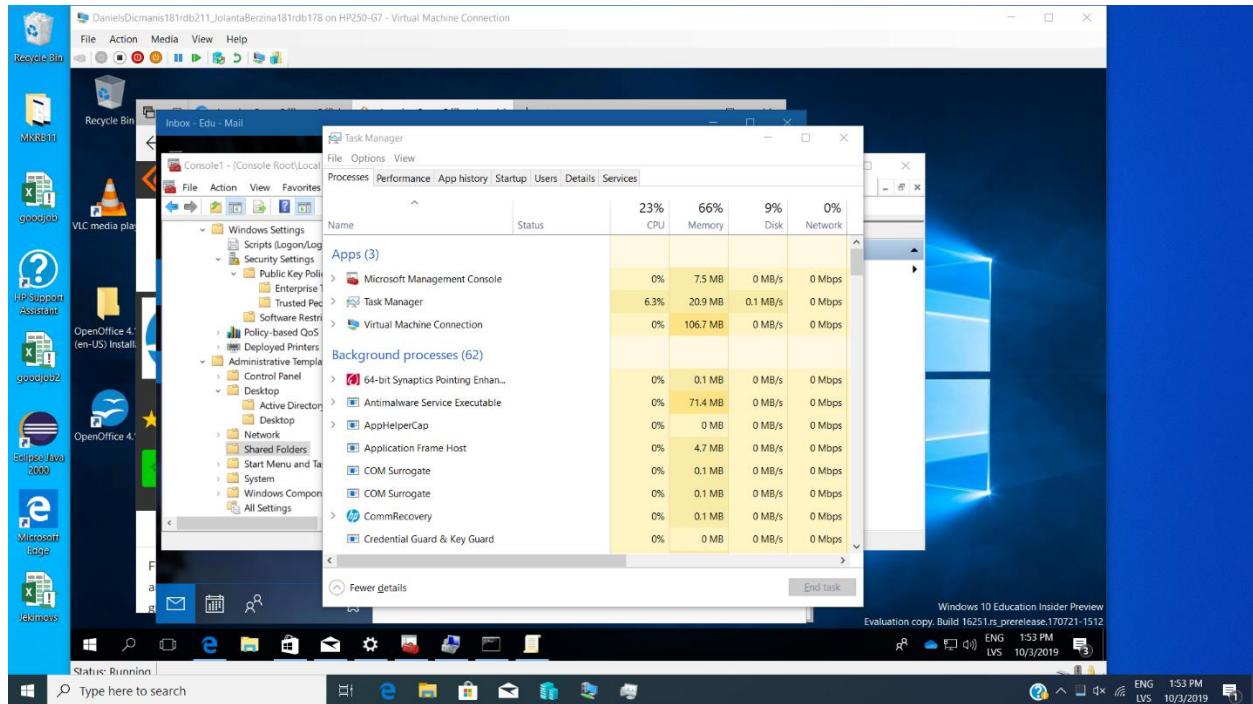


11f) Failu menedžera File Explorer (senāk Windows Explorer) iestatījumi

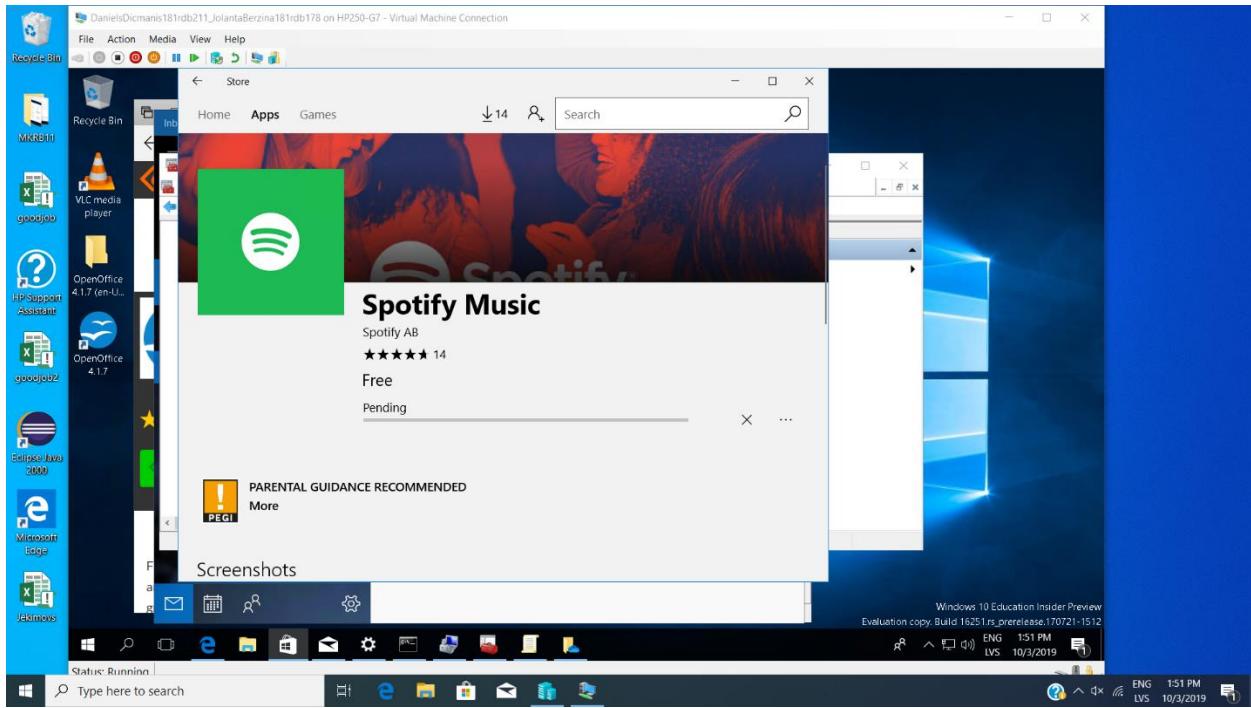
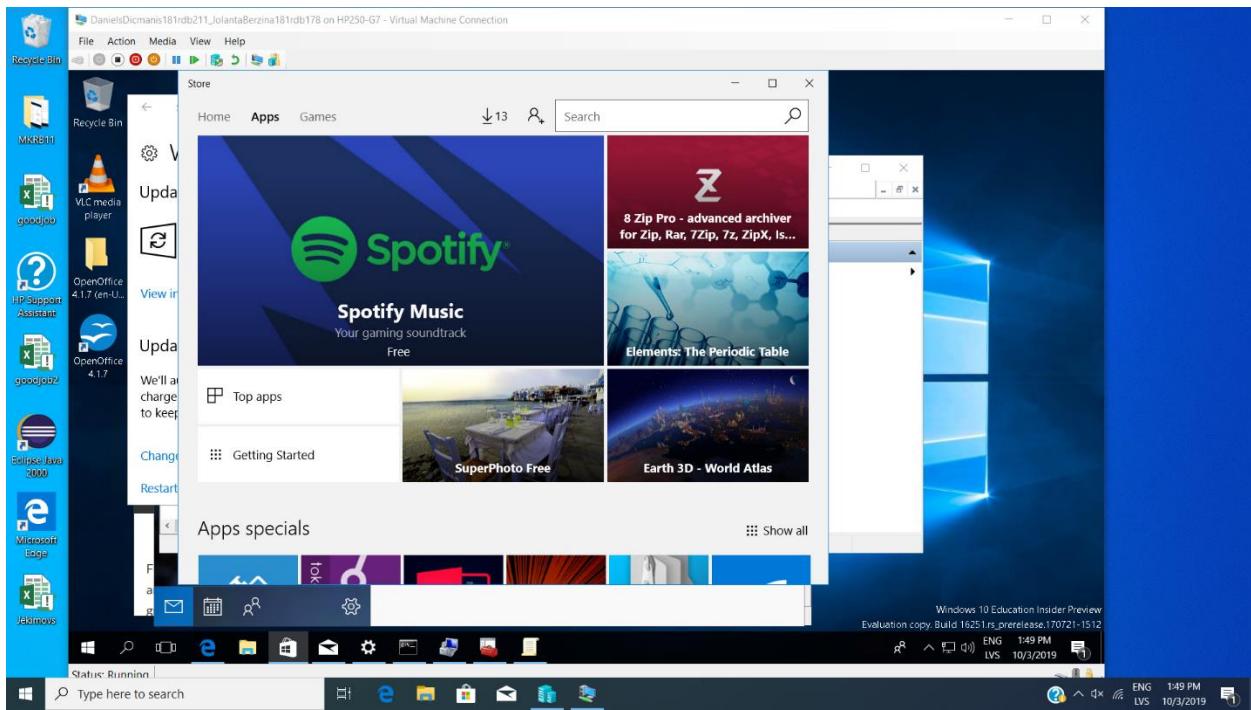


12) Iepazīt Windows 8.1/10 jaunās iespējas: jauni karstie taustiņi, OneDrive (senāk SkyDrive), sociālo tīklu integrācija, Task Manager, Restore and Reset your PC atrast, Semantic Zoom, APPLocker un iebūvētais ugunsmūris, antivīrus.

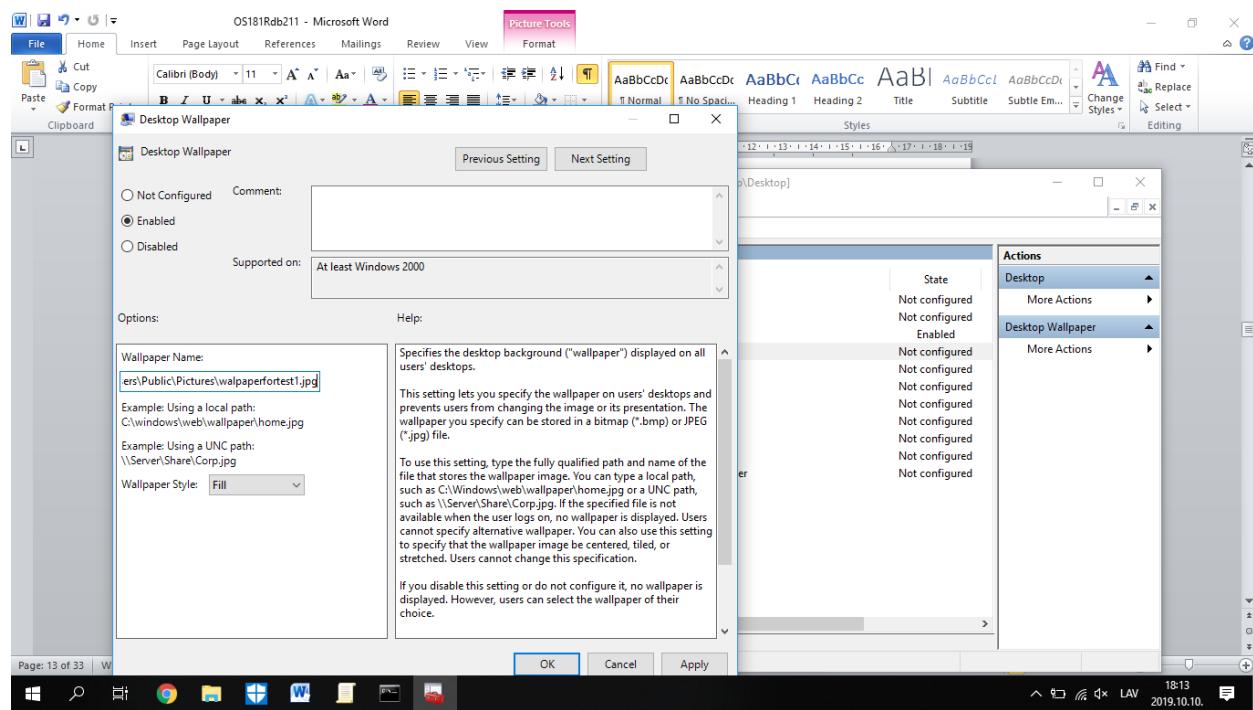
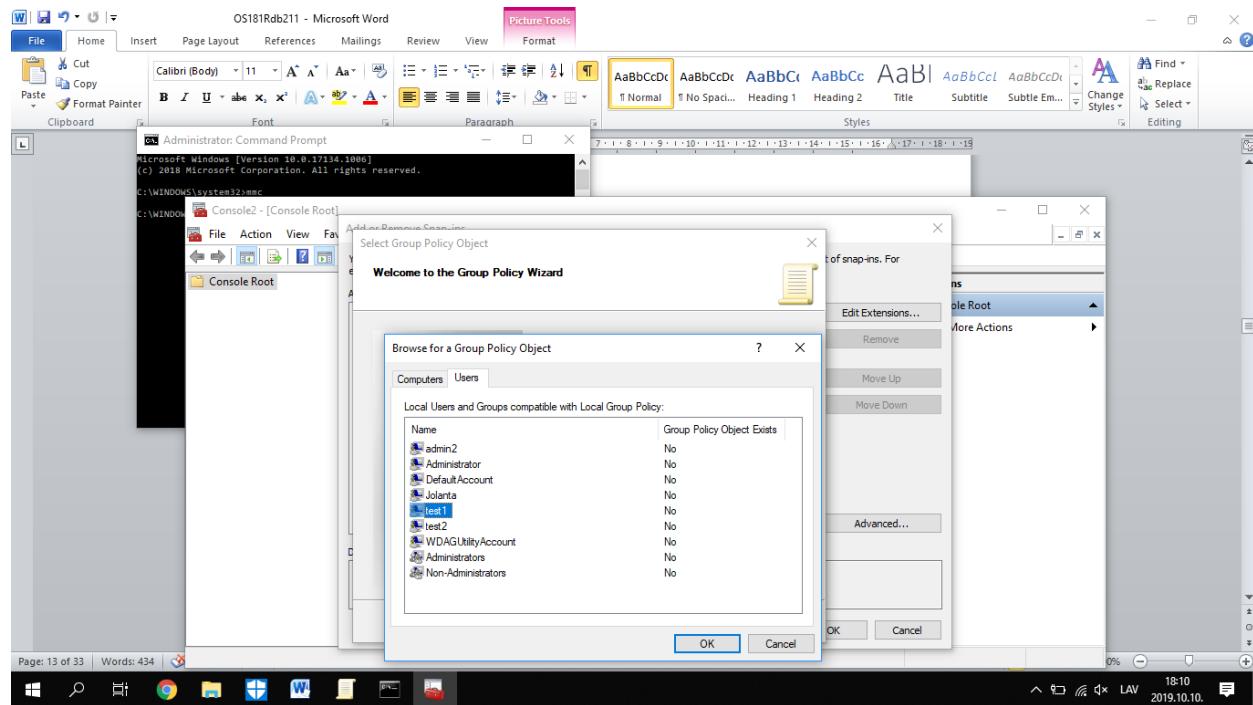


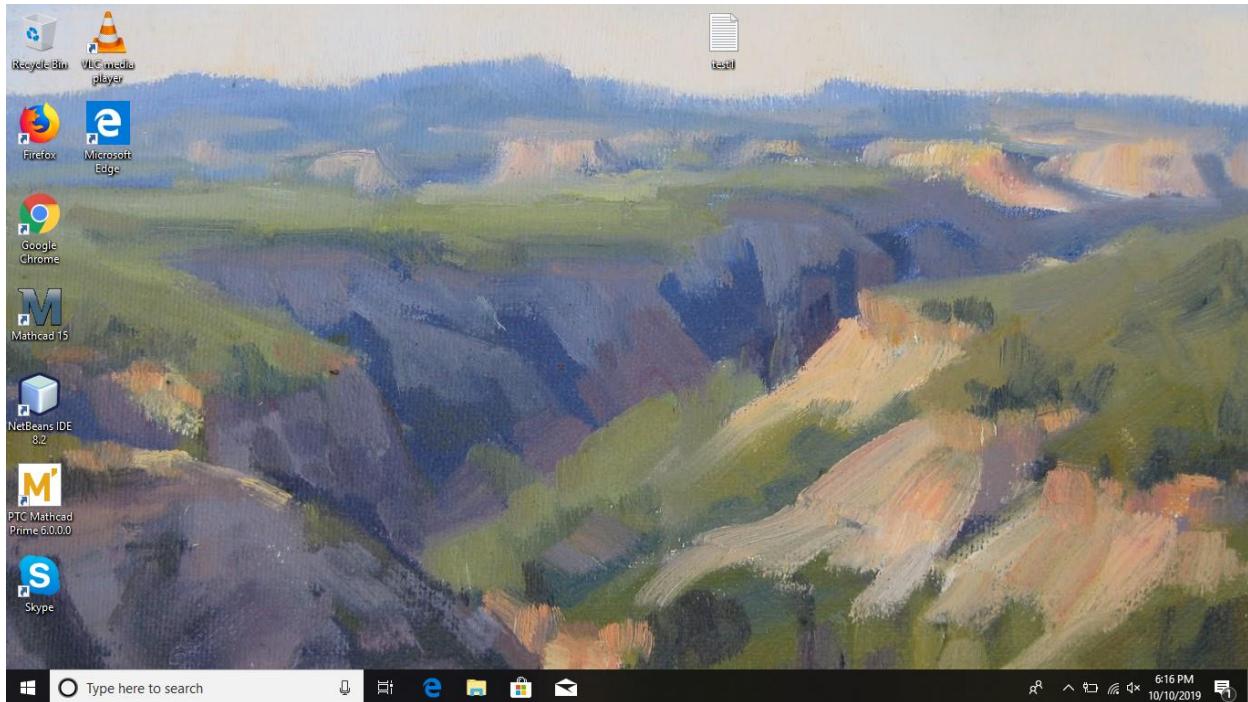


13) "Nopirkt" Microsoft veikalā kādu bezmaksas lietotni (izmantojot ūscēja flīzi Modern UI).



14) Labai atzīmei: Atvērt mmc konsoli un rediģēt viena parasta lietotāja politiku tā, ka viņš nevar nomainīt administratora uzlikto desktopa bildi.





15) Maksimālam vērtējumam vēlams papētīt 1 uzdevumu no katras nodalas visu uzdevumu sarakstā (var arī, piemēram, Windows To Go, MSDaRT - Microsoft Diagnostics and Recovery Toolset, kas satur Crash Analyzer un ERD Commander, atrast kādas noderīgas PowerShell vai CMD komandas.

