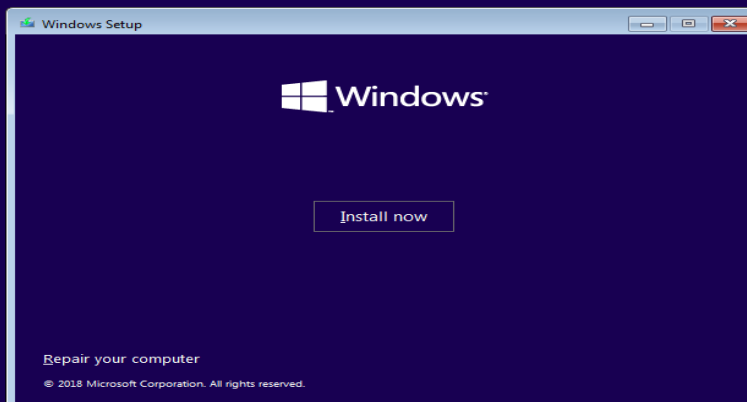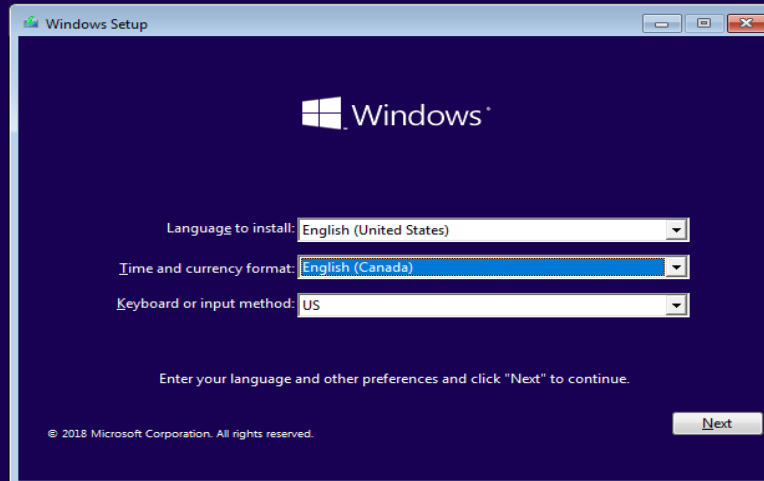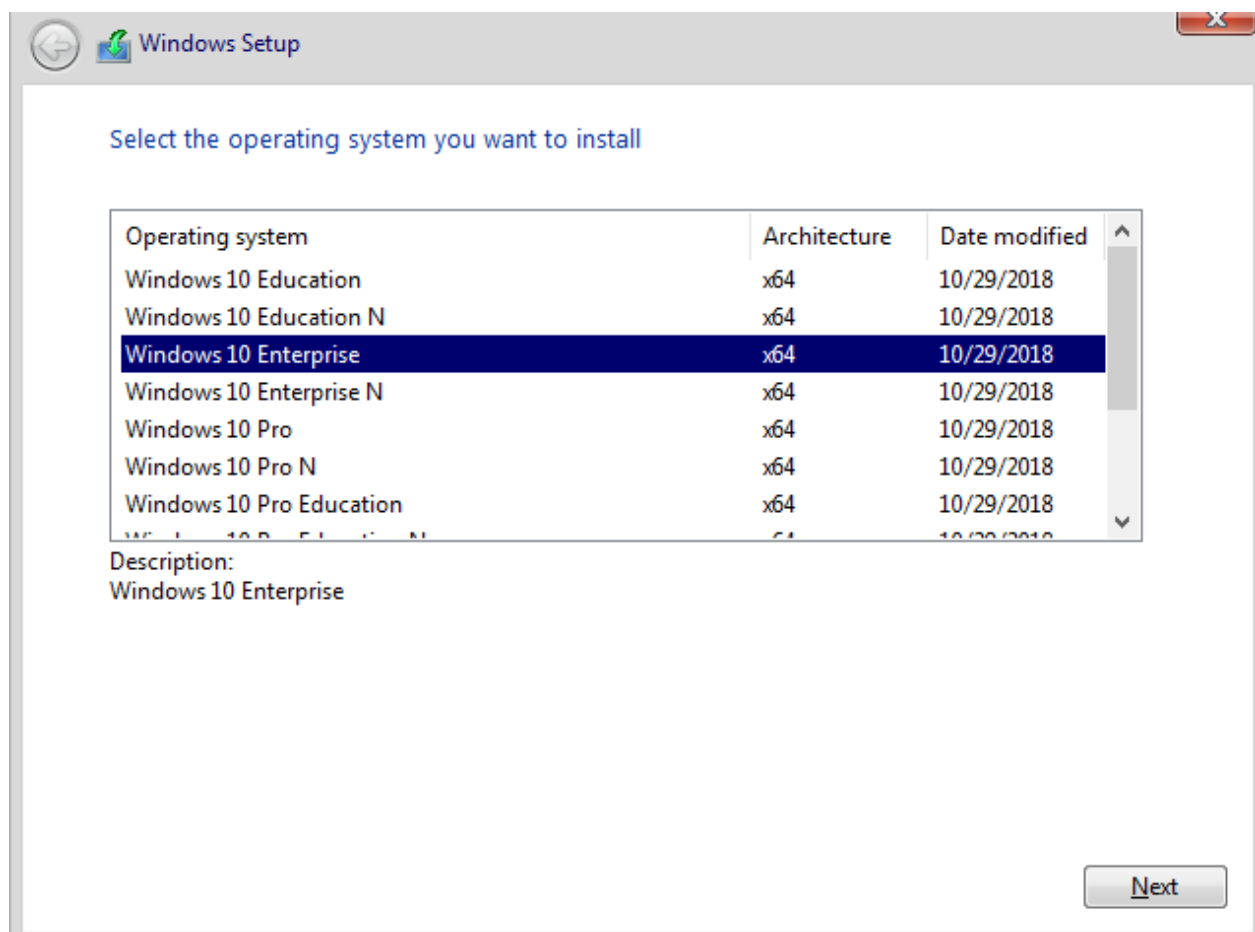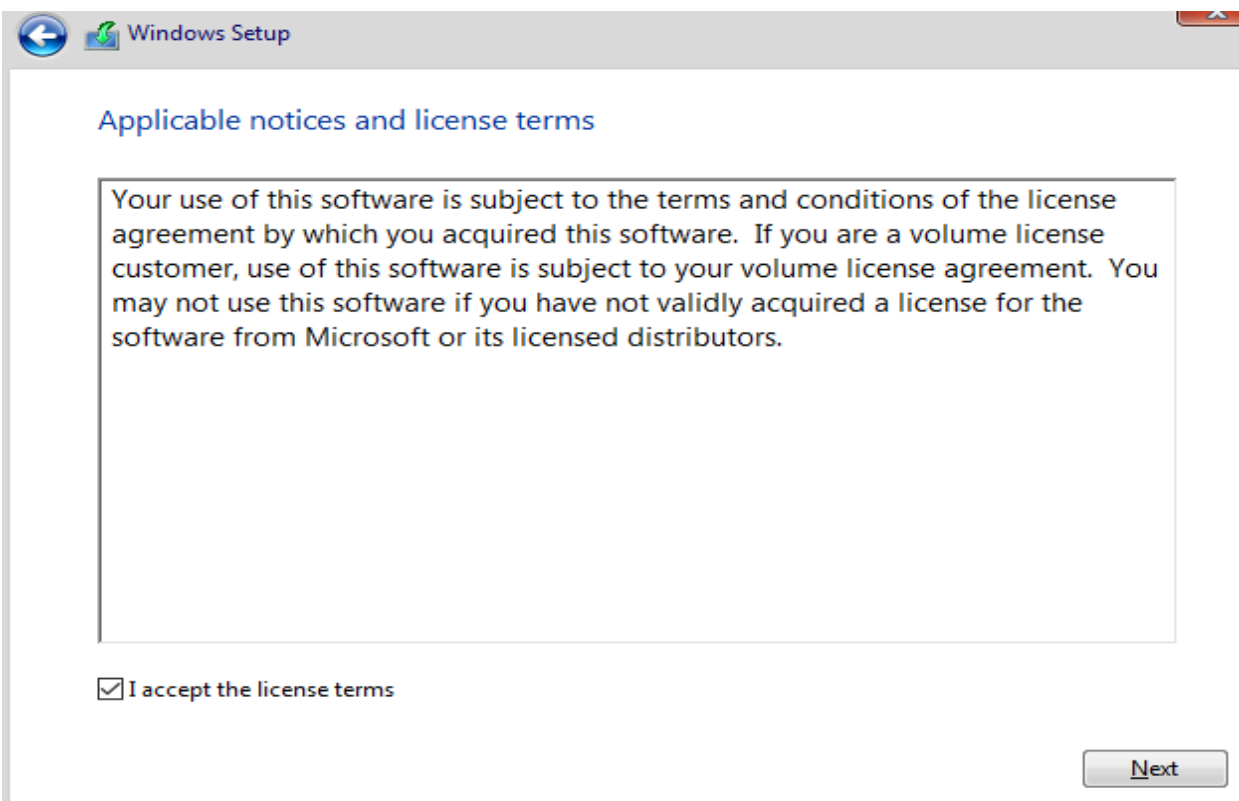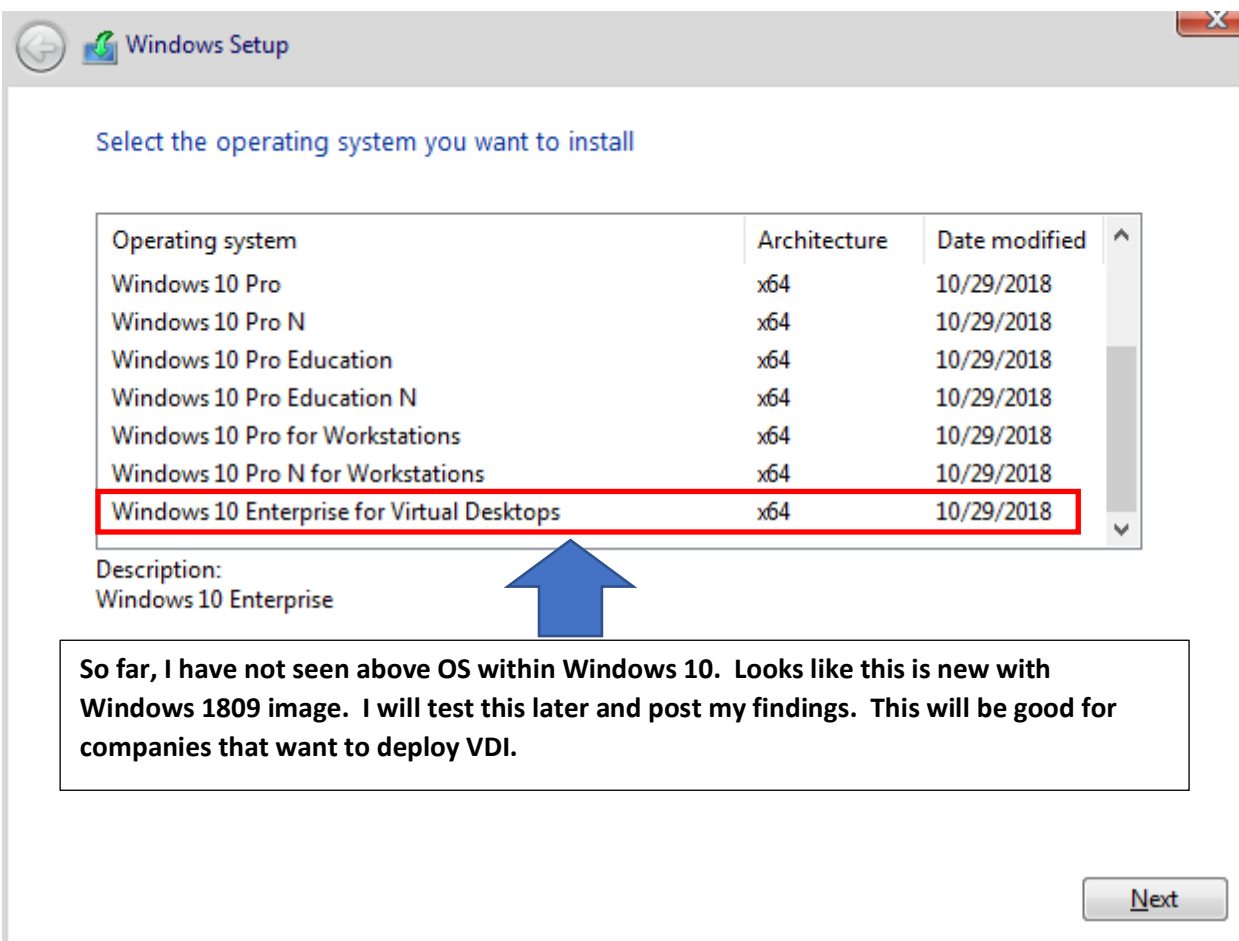# How to perform a clean install of Windows 10 1809 x64

In this post, I will show you how to perform a clean install of Windows 10 1809 x64 on a virtual machine with 3GB memory and 127GB hard disk.

Create a bootable USB key and boot the VM from the key or using an ISO of Windows 10 1809 x64 and then follow below screen shot.

Setup is starting

Windows Setup

Select the operating system you want to install

Operating system	Architecture	Date modified
Windows 10 Education	x64	10/29/2018
Windows 10 Education N	x64	10/29/2018
Windows 10 Enterprise	x64	10/29/2018
Windows 10 Enterprise N	x64	10/29/2018
Windows 10 Pro	x64	10/29/2018
Windows 10 Pro N	x64	10/29/2018
Windows 10 Pro Education	x64	10/29/2018

Description:
Windows 10 Enterprise

Next

Windows Setup

Select the operating system you want to install

Operating system	Architecture	Date modified
Windows 10 Pro	x64	10/29/2018
Windows 10 Pro N	x64	10/29/2018
Windows 10 Pro Education	x64	10/29/2018
Windows 10 Pro Education N	x64	10/29/2018
Windows 10 Pro for Workstations	x64	10/29/2018
Windows 10 Pro N for Workstations	x64	10/29/2018
Windows 10 Enterprise for Virtual Desktops	x64	10/29/2018

Description:
Windows 10 Enterprise

So far, I have not seen above OS within Windows 10. Looks like this is new with Windows 1809 image. I will test this later and post my findings. This will be good for companies that want to deploy VDI.

Next

Windows Setup

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☑ I accept the license terms

Next

Windows Setup

Which type of installation do you want?

Upgrade: Install Windows and keep files, settings, and applications
The files, settings, and applications are moved to Windows with this option. This option is only available when a supported version of Windows is already running on the computer.

Custom: Install Windows only (advanced)
The files, settings, and applications aren't moved to Windows with this option. If you want to make changes to partitions and drives, start the computer using the installation disc. We recommend backing up your files before you continue.

Windows Setup

Where do you want to install Windows?

Name	Total size	Free space	Type
Drive 0 Unallocated Space	127.0 GB	127.0 GB	

Refresh **Delete** **Format** **New**
Load driver **Extend**

Next

Windows Setup

Installing Windows

Status

Copying Windows files (0%)
Getting files ready for installation
Installing features
Installing updates
Finishing up

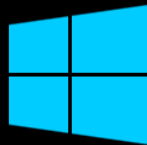## Windows Setup

Installing Windows

Status

✓ Copying Windows files
✓ Getting files ready for installation
✓ Installing features
✓ Installing updates
  Finishing up

Starting services

Getting ready

Just a moment...

Let's start with region. Is this right?

Bulgaria

Burkina Faso

Burundi

Cabo Verde

Cambodia

Cameroon

Canada

Yes

Is this the right keyboard layout?

If you also use another keyboard layout, you can add that next.

US

Canadian Multilingual Standard

English (India)

Irish

Scottish Gaelic

United Kingdom

United States-Dvorak

Yes

Want to add a second keyboard layout?

Add layout

Skip

Now we have some important setup to do.

Now let's see what's new from Windows.

Create a super memorable password

Make sure to pick something you'll absolutely remember.

●●●●●●●●

Next

Confirm your password

Type your password one last time

●●●●●●●●

Next

Just a moment...

Make Cortana your personal assistant?

Hey look, that's me, Cortana!
Can I have permission to use the info I need to do my best work?

To let Cortana provide personalized experiences and relevant suggestions in Microsoft products that offer Cortana experiences, including this device when your device is locked, Microsoft collects and uses information including your location and location history, voice input, speech patterns, contacts, searching history, relationships, calendar details, email, content and communication history from text messages, instant messages and apps, and other information on your device. In Microsoft Edge, Cortana uses your browsing history.
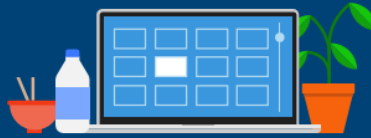
You can always tinker with what Cortana remembers in the Notebook and disable Cortana in Microsoft Edge.

| Learn more | | Decline | Accept |

Do more across devices with activity history

If you want timeline and other Windows features to help you continue what you were doing, even when you switch devices, send Microsoft your activity history, which includes info about websites you browse and how you use apps and services. Select **Learn more** to find out how Microsoft products and services use this data to personalize experiences while respecting your privacy.

Learn more | No | Yes

Do more with your voice

Choose your settings, then select 'Accept' to save them. Check the 'Learn more' link for info on these settings, how to change them, how Windows Defender SmartScreen works, and the related data transfers and uses.

Use online speech recognition
Use your voice for dictation and to talk to Cortana and other apps that use Windows cloud-based speech recognition. Send Microsoft your voice data to help improve our speech services.

Don't use online speech recognition
You won't be able to use dictation or talk to Cortana or other apps that support Windows cloud-based speech recognition. You can still use the Windows Speech Recognition app and other speech services that don't rely on Windows cloud-based services.

Learn more | Accept

Let Microsoft and apps use your location

Choose your settings, then select 'Accept' to save them. Check the 'Learn more' link for info on these settings, how to change them, how Windows Defender SmartScreen works, and the related data transfers and uses.

Yes
Get location-based experiences like directions and weather. Let Windows & apps request your location. Microsoft will use location data to improve location services.

No
You won't be able to get location-based experiences like directions and weather or enjoy other services that require your location to work.

Learn more   Accept

Find my device

Choose your settings, then select 'Accept' to save them. Check the 'Learn more' link for info on these settings, how to change them, how Windows Defender SmartScreen works, and the related data transfers and uses.

Yes
Turn on Find my device (requires Microsoft account) and use your device's location data to help you find your device if you lose it.

No
Windows won't be able to help you keep track of your device if you lose it.

Learn more   Accept

Send diagnostic data to Microsoft

Choose your settings, then select 'Accept' to save them. Check the 'Learn more' link for info on these settings, how to change them, how Windows Defender SmartScreen works, and the related data transfers and uses.

Full
Send all Basic diagnostic data, along with info about the websites you browse and how you use apps and features, plus additional info about device health, device activity, and enhanced error reporting. Diagnostic data is used to help keep Windows secure and up to date, troubleshoot problems, and make product improvements. Regardless of whether you select Basic or Full, your device will be equally secure and will operate normally.

Basic
Send only info about your device, its settings and capabilities, and whether it is performing properly. Diagnostic data is used to help keep Windows secure and up to date, troubleshoot problems, and make product improvements. Regardless of whether you select Basic or

Learn more   Accept

Improve inking & typing

Choose your settings, then select 'Accept' to save them. Check the 'Learn more' link for info on these settings, how to change them, how Windows Defender SmartScreen works, and the related data transfers and uses.

Yes
Send inking and typing data to Microsoft to improve the language recognition and suggestion capabilities of apps and services running on Windows.

No
Don't use my data to help improve the language recognition and suggestion capabilities of apps and services running on Windows.

Learn more   Accept

Get tailored experiences with diagnostic data

Choose your settings, then select 'Accept' to save them. Check the 'Learn more' link for info on these settings, how to change them, how Windows Defender SmartScreen works, and the related data transfers and uses.

Yes
Let Microsoft offer you tailored experiences based on the diagnostic data you have chosen (either Basic or Full). Tailored experiences mean personalized tips, ads, and recommendations to enhance Microsoft products and services for your needs.

No
The tips, ads, and recommendations you see will be more generic and may be less relevant to you.

Learn more   Accept

Let apps use advertising ID

Choose your settings, then select 'Accept' to save them. Check the 'Learn more' link for info on these settings, how to change them, how Windows Defender SmartScreen works, and the related data transfers and uses.

Yes
Apps can use advertising ID to provide more personalized advertising in accordance with the privacy policy of the app provider.

No
The number of ads you see won't change, but they may be less relevant to you.
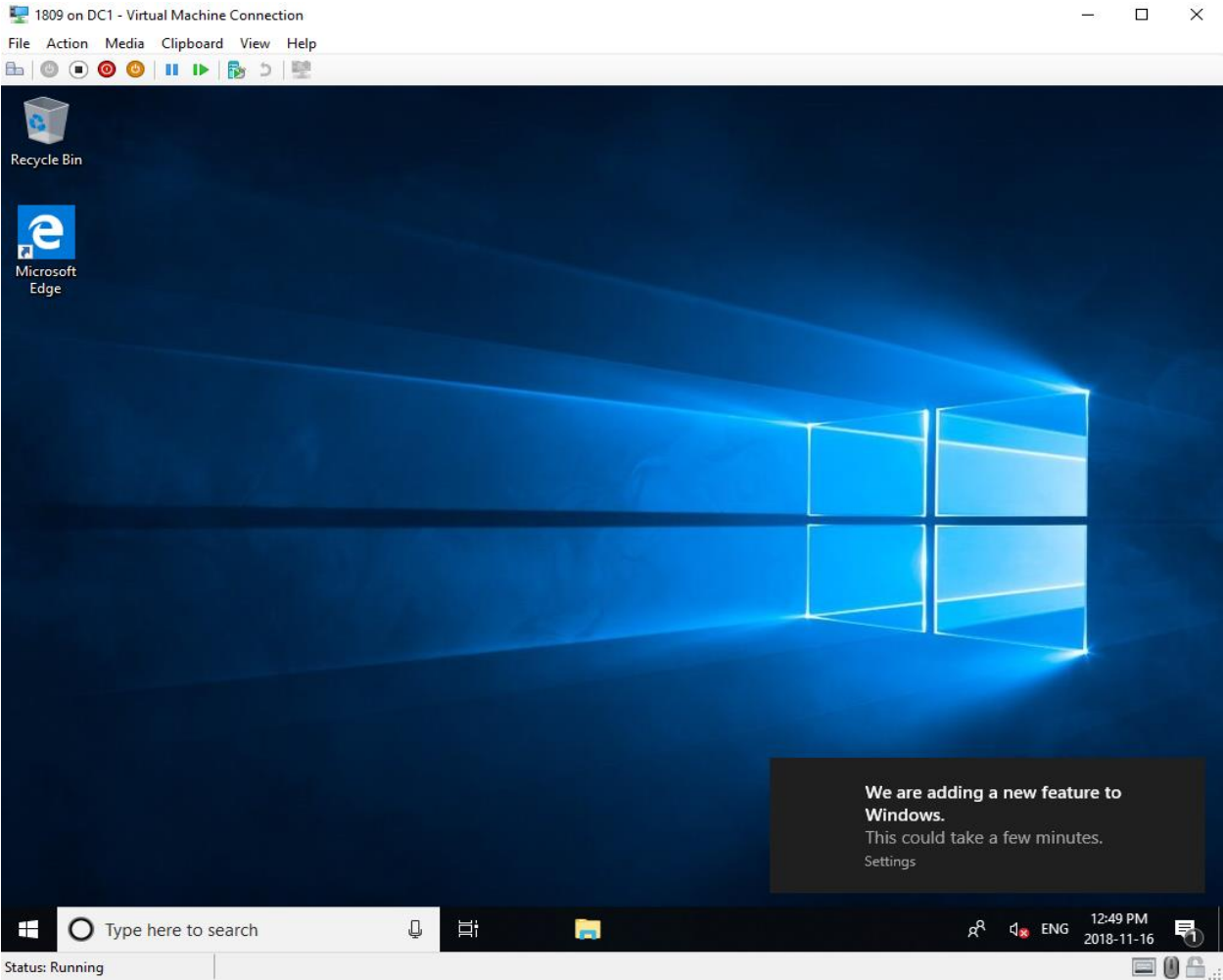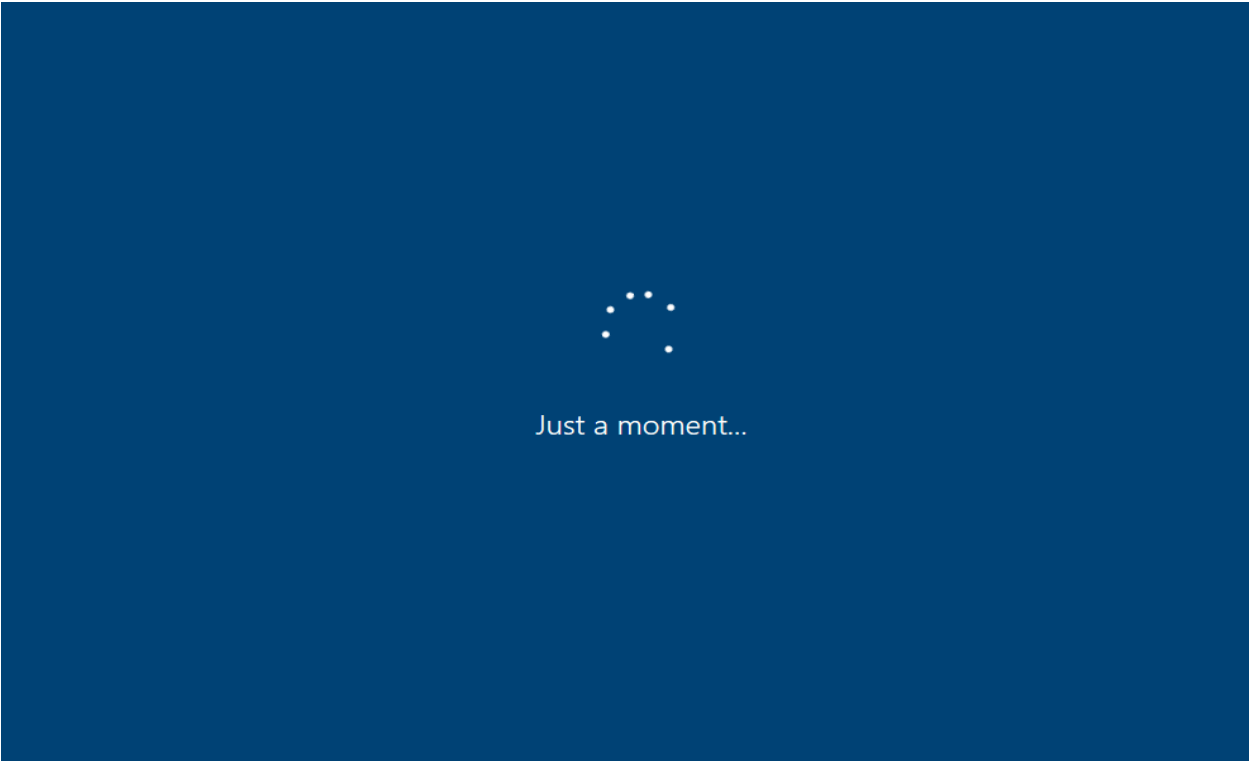
Learn more   Accept

Just a moment...

1809 on DC1 - Virtual Machine Connection

File   Action   Media   Clipboard   View   Help

Recycle Bin

Microsoft
Edge

We are adding a new feature to Windows.
This could take a few minutes.
Settings

Type here to search

ENG   12:49 PM
2018-11-16

Status: Running

System

— □ ×

← → ∨ ↑ 🖥 > Control Panel > System and Security > System   ∨ ⟳ | Search Control Panel 🔍

Control Panel Home

🛡 Device Manager
🛡 Remote settings
🛡 System protection
🛡 Advanced system settings

View basic information about your computer

Windows edition

Windows 10 Enterprise

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Windows 10

System

Processor:	Intel(R) Core(TM) i7-2630QM CPU @ 2.00GHz 2.00 GHz
Installed memory (RAM):	2.98 GB
System type:	64-bit Operating System, x64-based processor
Pen and Touch:	No Pen or Touch Input is available for this Display

Computer name, domain, and workgroup settings

Computer name:	WIN1809	🛡Change settings
Full computer name:	WIN1809	
Computer description:		
Workgroup:	WORKGROUP	

Windows activation

Windows is activated   Read the Microsoft Software License Terms

Product ID: 00329-00000-00003-AA284   🛡Change product key

See also

Security and Maintenance

System

— □ ×

← → ∨ ↑ 🖥 > Control Panel > System and Security > System   ∨ ⟳ | Search Control Panel 🔍

Control Panel Home

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🛡 Remote settings
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Windows edition

Windows 10 Enterprise

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Windows 10

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System type:	64-bit Operating System, x64-based processor
Pen and Touch:	No Pen or Touch Input is available for this Display

Computer name, domain, and workgroup settings

Computer name:	WIN1809	🛡Change settings
Full computer name:	WIN1809.RAMLAN.CA	
Computer description:		
Domain:	RAMLAN.CA	

Windows activation

Windows is activated   Read the Microsoft Software License Terms

Product ID: 00329-00000-00003-AA284   🛡Change product key

See also

Security and Maintenance

About Windows   ✕

Windows 10

Microsoft Windows
Version 1809 (OS Build 17763.107)
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Terms to:

Jay

OK

← Settings   — □ ✕

⌂ Home

Find a setting   🔍

Update & Security

🔁 Windows Update

🖸 Delivery Optimization

🛡 Windows Security

↑ Backup

🔧 Troubleshoot

🕔 Recovery

◯ Activation

⚹ Find my device

⚒ For developers

Windows Update

View configured update policies

🔁 **Updates available**
Last checked: Today, 1:10 PM

Definition Update for Windows Defender Antivirus - KB2267602
(Definition 1.281.253.0)
Status: Downloading - 23%

2018-11 Cumulative Update for Windows 10 Version 1809 for x64-based
Systems (KB4467708)
Status: Pending download

Windows Malicious Software Removal Tool x64 - November 2018
(KB890830)
Status: Pending download

2018-11 Security Update for Adobe Flash Player for Windows 10 Version
1809 for x64-based Systems (KB4467694)
Status: Pending download

Update for Adobe Flash Player for Windows 10 Version 1809 for x64-
based Systems (KB4462930)
Status: Pending download

Change active hours

Windows Script Host ✕

Name: Windows(R), Enterprise edition
Description: Windows(R) Operating System, VOLUME_KMSCLIENT
channel
Partial Product Key: 2YT43
License Status: Licensed
Volume activation expiration: 259152 minute(s) (180 day(s))
Configured Activation Type: All

Most recent activation information:
Key Management Service client information
    Client Machine ID (CMID): e66cb9b6-180e-452b-a142-df695e9e1a80
    KMS machine name from DNS: ▓▓▓▓▓▓▓▓▓▓▓▓
    KMS machine IP address: 192.168.0.2
    KMS machine extended PID:
03612-00206-482-761170-03-4105-14393.0000-1082017
    Activation interval: 120 minutes
    Renewal interval: 10080 minutes
    KMS host caching is enabled
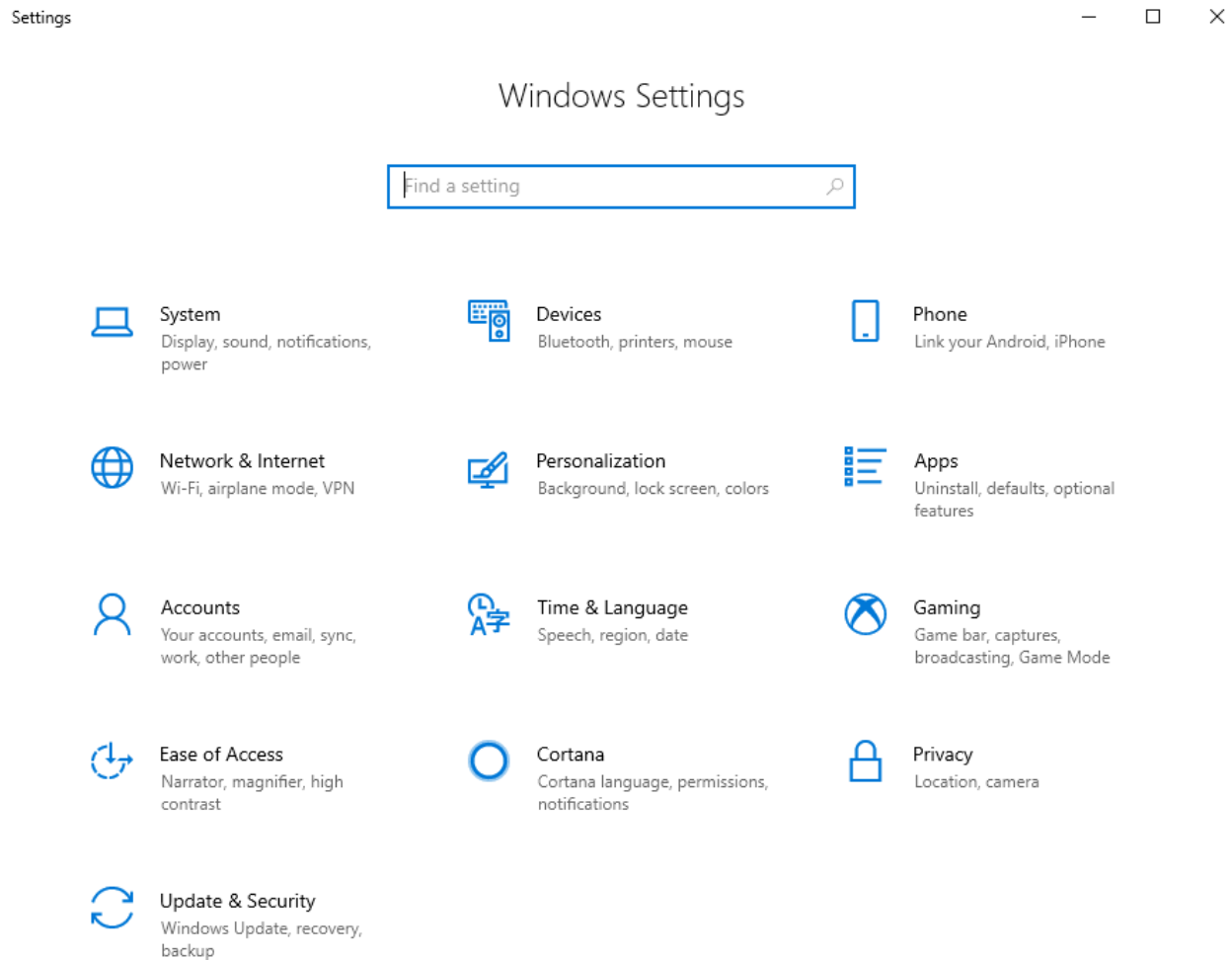
[OK]

Windows Script Host ✕

Software licensing service version: 10.0.17763.107

Name: Windows(R), Enterprise edition
Description: Windows(R) Operating System, VOLUME_KMSCLIENT
channel
Activation ID: 73111121-5638-40f6-bc11-f1d7b0d64300
Application ID: 55c92734-d682-4d71-983e-d6ec3f16059f
Extended PID: 03612-03290-000-000003-03-4105-17763.0000-3202018
Product Key Channel: Volume:GVLK
Installation ID:
543527013508764006541734172238838351579915235597448599158399841
Partial Product Key: 2YT43
License Status: Licensed
Volume activation expiration: 259151 minute(s) (180 day(s))
Remaining Windows rearm count: 1001
Remaining SKU rearm count: 1001
Trusted time: 16-Nov-2018 1:21:36 PM
Configured Activation Type: All

Most recent activation information:
Key Management Service client information
    Client Machine ID (CMID): e66cb9b6-180e-452b-a142-df695e9e1a80
    KMS machine name from DNS: ▓▓▓▓▓▓▓▓▓▓▓▓
    KMS machine IP address: 192.168.0.2
    KMS machine extended PID:
03612-00206-482-761170-03-4105-14393.0000-1082017
    Activation interval: 120 minutes
    Renewal interval: 10080 minutes
    KMS host caching is enabled

[OK]

The whole installation took over 30 minutes including the updates. Quite happy with the performance and feel of Windows 10 1809 x64. Will have to explore more with Windows Settings and see what is new and improved features.

Settings   —   □   ✕

Windows Settings

Find a setting   🔍

System
Display, sound, notifications, power

Devices
Bluetooth, printers, mouse

Phone
Link your Android, iPhone

Network & Internet
Wi-Fi, airplane mode, VPN

Personalization
Background, lock screen, colors

Apps
Uninstall, defaults, optional features

Accounts
Your accounts, email, sync, work, other people

Time & Language
Speech, region, date

Gaming
Game bar, captures, broadcasting, Game Mode

Ease of Access
Narrator, magnifier, high contrast

Cortana
Cortana language, permissions, notifications

Privacy
Location, camera

Update & Security
Windows Update, recovery, backup

This concludes the process of installing Win 10 1809 x64.

Thanks

Ram Lan
16th Nov 2018