

BigFix is Windows 11 ready!

- KB0087327 Detailed System Requirements updated to reflect Win11 support
- Console, Agent & Relay in v10.0.4 is supported in Win11
- Feature upgrade content is available
- Patch content is available

Table 5. Windows - Summary

Operating system	Hardware	Bitness	Product minimum	Supported				Notes	
				Server	Console	Agent	Relay	Notes	
Windows 11 Enterprise	x86-64	64- Exploit, 64- Tolerate	10.0.4	No	Yes	Yes	Yes	The highest version of Windows 11 supported by the Agent is 21H2. The highest version of Windows 11 supported by the Relay is 21H2. The highest version of Windows 11 supported by the Console is 21H2.	
Windows 11 Pro	x86-64	64- Exploit, 64- Tolerate	10.0.4	No	Yes	Yes	Yes	The highest version of Windows 11 supported by the Agent is 21H2. The highest version of Windows 11 supported by the Relay is 21H2. The highest version of Windows 11 supported by the Console is 21H2.	
Windows 11 IoT Enterprise	x86-64	64- Tolerate	10.0.4	No	No	Yes	No	The highest version of Windows 11 supported by the Agent is 21H2.	
Windows 11 Education	x86-64	64- Exploit, 64- Tolerate	10.0.4	No	Yes	Yes	Yes	The highest version of Windows 11 supported by the Agent is 21H2. The highest version of Windows 11 supported by the Relay is 21H2. The highest version of Windows 11 supported by the Console is 21H2.	

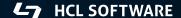
Source: https://support.hcltechsw.com/csm?id=kb_article&sysparm_article=KB0087327



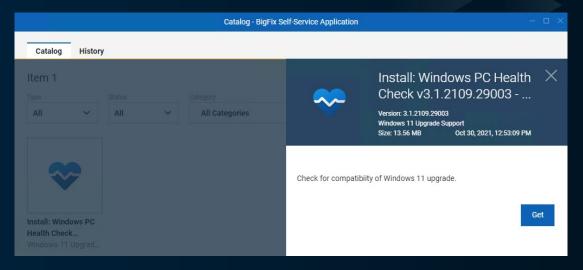
Windows 11 System Requirements

- Must be running Windows 10 version 2004 or later to upgrade.
- Processor: 1 gigahertz (GHz) or faster with 2 or more cores on a 64-bit processor
- RAM: 4 GB
- Storage: 64 GB or larger storage device
- System firmware: UEFI, Secure Boot capable
- TPM: Trusted Platform Module version 2.0
- Graphics card: Compatible with DirectX 12 or later with WDDM 2.0 driver
- Display: High definition (720p) display that is greater than 9" diagonally

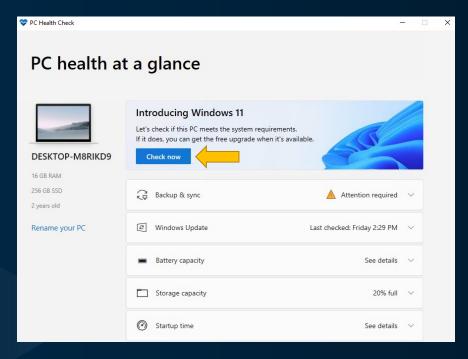
Source: https://www.microsoft.com/en-us/windows/windows-11-specifications

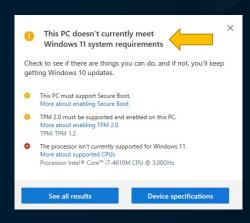


- Determine eligibility and assess current endpoints
- Microsoft provides the
 Windows PC Health Check app
- Example deployment of the app via Self-Service Application.
- The app automatically starts upon install on the targeted endpoint.

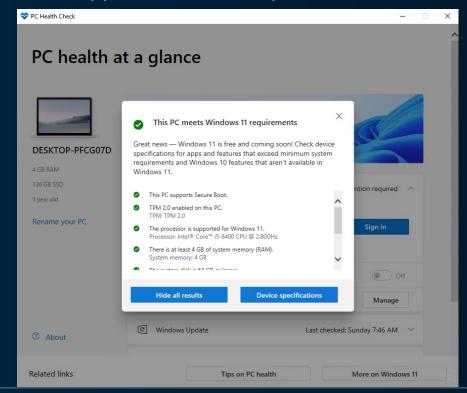


Windows PC Health Check app available via https://aka.ms/GetPCHealthCheckApp





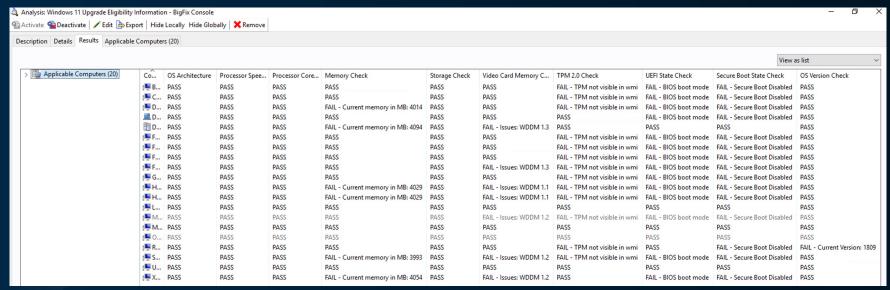
Windows PC Health Check app available via https://aka.ms/GetPCHealthCheckApp



- BigFix has made available a
 dashboard, analysis,
 task and web report to assist with
 you Win11 assessment.
- Example Dashboard –
 Windows 11 Upgrade Eligibility

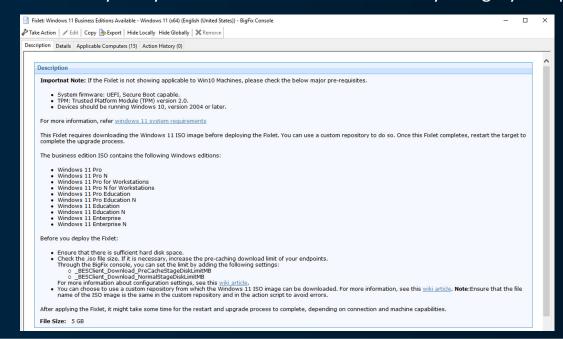


- Available dashboard, analysis, task and web report to assist.
- Example Analysis Windows 11 Upgrade Eligibility Information



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- 25 x Fixlets in the Patches for Windows site for each supported system language
- Fixlets & Tasks >> Fixlets Only >> By Site >> Patches for Windows >> By Category >> Upgrade



- Recommended client settings on the endpoint:
- BESClient Windows EnableFeatureUpgrade log = 1
 - Additional log files will remain on the endpoint in C:\win11_upgrade_temp
- BESClient_Download_PreCacheStageDiskLimitMB = 6144
- BESClient Download NormalStageDiskLimitMB = 6144
 - Allows the endpoint to pre-cache the ISO file or normal staging of the ISO file
- The ISO file must be downloaded from Microsoft and manually cached on the BigFix Root Server.
- Alternative method is to configure a custom repository setting directing the endpoint to download the ISO file from another source. See task # 43 "Set or Update Custom Repository Setting (Windows)" in the Patching Support site.
 Documentation: https://bigfix-wiki.hcltechsw.com/wikis/home?lang=en-us#!/wiki/BigFix%20Wiki/page/Using%20the%20Custom%20Repository%20Setting%20feature
 Documentation: https://help.hcltechsw.com/bigfix/10.0/patch/Patch_Windows/c_using_the_custom_repository_setting_feature.html



Windows 11 (business editions), version 21H2

Info

Keys

Windows 11 (business editions) (x64) - DVD (English)

For this multi-edition business media, use a product key specific to the edition in the list you want to activate.

This multi-edition Business media includes the following editions:

- · Windows 11 Pro
- Windows 11 Pro N
- · Windows 11 Pro for Workstations
- · Windows 11 Pro N for Workstations
- · Windows 11 Pro Education
- · Windows 11 Pro Education N
- · Windows 11 Education
- · Windows 11 Education N
- Windows 11 Enterprise
- Windows 11 Enterprise N

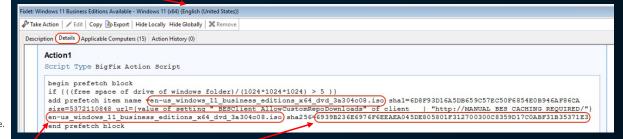
Note: Not all devices running Windows 10 are eligible to receive a Windows 11 upgrade. See the Windows 11 device specifications for upgrade requirements and supported features. Certain features require additional hardware.

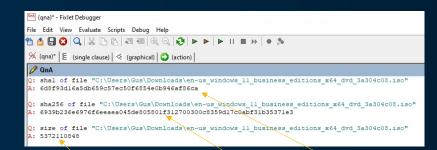
Installing Windows 11 media on a PC that does not meet the Windows 11 minimum system requirements is not recommended and may result in compatibility issues. If you proceed with installing Windows 11 on a PC that does not meet the requirements, that PC will no longer be supported and won't be entitled to receive updates. Damages to the PC due to lack of compatibility aren't covered under the manufacturer warranty.

Released: 04/Oct/2021

SHA256: 6939B236E6976F6EEAEA045DE805801F312700300C8359D17C0ABF31B35371E3

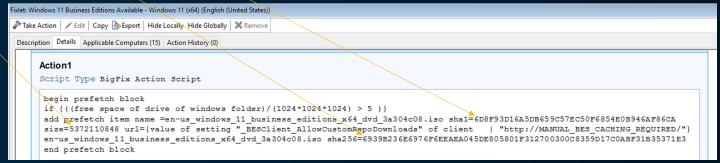
File name: en-us_windows_11_business_editions_x64_dvd_3a304c08.iso





- Rename downloaded ISO file to the sha1 value and place in the \BES Server\wwwrootbes\bfmirror\downloads\sha1 directory.
- In this example, the file was:
 en-us_windows_11_business_editions_x64_dvd_3a304c08.iso
 and it was renamed to:

6d8f93d16a5db659c57ec50f6854e0b946af86ca



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Can we use an updated ISO file that includes the October update or updated ISO in the future?
 Absolutely! Simply create a custom copy of the existing fixlet and modify the ISO file name (3 locations),
 file size value, sha1 value and sha256 value. For example:

```
Fixlet: Custom - Windows 11 Business Editions Available - Windows 11 (x64) (English (United States)) - October 2021 Update
Frake Action | Fedit | Copy | Export | Hide Locally Hide Globally | ★ Remove
Description Details Applicable Computers (4) Action History (0)
     Action1
     Script Type BigFix Action Script
      begin prefetch block
      if {((free space of drive of windows folder)/(1024*1024*1024) > 5)}
      add prefetch item name =en-us windows 11 business editions version 21h2 updated october 2021 x64 dvd 320e70b4.iso
      sha1=5335c5e9e9996603c6c8fc01449b849dda16f47d size=5378758656 url={value of setting "BESClient AllowCustomRepoDownloads"
      of client | "http://MANUAL BES_CACHING_REQUIRED/"}en-
      us windows 11 business editions version 21h2 updated october 2021 x64 dvd 320e70b4.iso
      sha256=fee99f44a5f2307979ae12ecb4a21909d21f9589f87542d5ed74a4bb2c13d839
      end prefetch block
      parameter "workISO" = "{pathname of client folder of current site & "\ Download\en-
      us windows 11 business editions version 21h2 updated october 2021 x64 dvd 320e70b4.iso"}"
      continue if {exists file (parameter "workISO")}
```

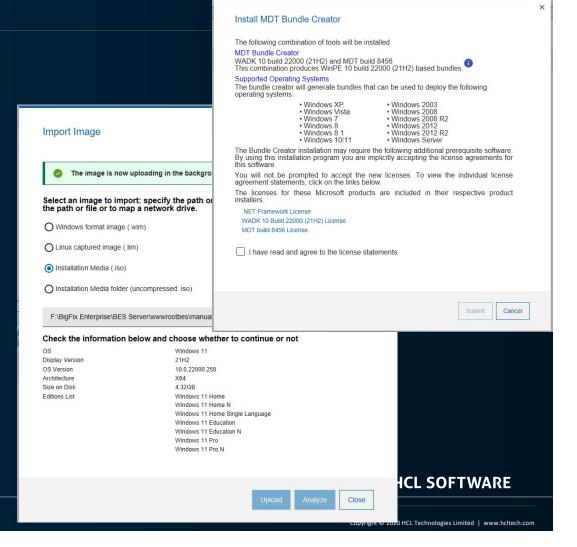
OS Deployment Support for Windows 11

- OS Deployment (Part of BigFix Lifecycle) allows you to image/reimage/provision your Windows and Linux
 Endpoints
- For Windows 10 systems that are Windows 11 compatible:
 - Perform a fresh install (not an upgrade) of Windows 11 on an endpoint
 - Capture user settings, to apply after installing Windows
 - Recover and re-provision assets within the company
- For Windows 10 systems that are not Windows 11 compatible:
 - De-commission computers.
 - Re-claim licenses
 - Provision devices for sale/disposal



OS Deployment Support

- Re-provisioning devices, MDT Bundle
 Creator supports Windows 11
- Fresh install, Windows 11 ISO supported
- NOTE: if re-provisioning assets, check readiness reports first, then use report results to target compatible endpoints



OS Deployment Support

- Use Windows 11 WIM just as you use Windows 10
 - Import image or ISO
 - Pre-cache on OSD Server(s)
 - Deploy to target Computers

OS Deployment - Image Library

Image Library

This dashboard allows you to upload images that have been captured with the capture dashboard, or create images from installation media. You can manage the images here and delete or pre-cache as needed. You can copy profiles, templates, driver bindings and targeting rules from a reference image to another compatible image images that can be sent to bare metal servers.

Image Library												
Import Image Copy Settings from	Deploy to Computer Pre-Cache Delete											
Image Name 1L	OS Version 1	Origin 1L	Partitions 1	Date Captured 1	Image File Size 1	Size on Disk 1L						
Win10x64R2009_1633536658.wim	Windows 10 x64 B19043.928 (2009)	Setup	1	Wed, 06 Oct 2021 12:10:58 AM	4.45 GB	4.45 GB						
Win11x64D21H2_1635999467.wim	Windows 11 x64 B22000.258 (21H2)	Setup	1	Thu, 04 Nov 2021 00:17:47 AM	4.32 GB	4.32 GB						

Other Forward-Looking Support for Windows 11

- BigFix Inventory support for Windows 11 in Q4 release (December target)
- Virtual Endpoint Manager Offline Patching, VM creation from ISO
- Others (for example, SWD Wizard, Patch Policies) TBD, and to be announced.
- Other solutions readiness, or questions about compatibility, contact us!
- BigFix Compliance supported currently, BETA versions of Compliance Checklists for Win 11

BigFix Resources & Contacts



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BigFix Dedicated Engineer
Accelerated Value Program (AVP)

