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Ansys Computing Platform Support: July 2020

Ansys is committed to providing timely releases of high-quality software products on current computing platforms that are well-suited for engineering simulations. We monitor industry trends and customer needs to select the most effective computing platforms to certify and support, periodically eliminating support for aging platforms and adding support for new platforms. This document provides a high-level summary of our current platform support strategy and near-term plans.

See ansys.com> Support> Platform (www.ansys.com/support/platform-support) for the most recent version of this document.

Ansys General Platform Support Strategy

- We focus on support of Windows and Linux operating systems, running on x64 processors from Intel and AMD. These are the dominant platforms for engineering simulation today.
- We support Enterprise editions of Linux from Red Hat and SUSE. Enterprise Linux versions are chosen because they provide long-term operating system stability and product maintainability.
- As we increase our focus on virtual computing and pervasive engineering simulation, we aim to add platforms well-suited to these environments, including proven open source options.

Ansys 2020 R2 Supported Platforms

2020 R2 is the latest Ansys release. The specific operating system versions supported by each Ansys product can be found at ansys.com> Support> Platform (www.ansys.com/support/platform-support).

Ansys 2020 R2 includes support for the following. (Not all applications are supported on all platforms. See detailed information, by product, at the URL noted above. Semiconductor and Optical applications also support additional versions of Windows and Linux shown in tables 1 through 4.)

- Windows 10 (64-bit Professional, Enterprise and Education editions, including FIPS mode support for most products)
- Windows Server 2016 Standard Edition (64-bit)
- Windows Server 2019 Standard Edition (64-bit); Microsoft HPC Pack not supported with this release
- Red Hat Enterprise Linux (RHEL) 7.4, 7.5, 7.6, and 7.7 (64-bit)
- SUSE Enterprise Linux Server & Desktop (SLES/SLED) 12 SP3 and SP4 (64-bit), and SLES/SLED 15 SP1 (64-bit)
- Community Enterprise OS (CentOS) 7.4, 7.5, 7.6, and 7.7 (64-bit)

We support versions of Windows 10 from the Semi-Annual Channel as are available at the time of the Ansys release. For SCADE products, code generators are qualified/certified on Windows using long term service versions (LTSB/LTSC).

Roadmap and Platforms to be dropped in 2020 and 2021

- Tables 1 to 4 below summarize the platform support roadmap for Ansys products.
- 2020 R2 will be the last Ansys release to support Red Hat 7.4, Red Hat 7.5, CentOS 7.4, and CentOS 7.5.
- 2021 R1 will be the last Ansys release to support SUSE Linux Enterprise Server and Desktop (SLES/SLED) 12 SP 3.
- 2021 R1 is very likely to be the last Ansys release in which the Semiconductor applications support Red Hat 6.0 and CentOS 6.0.
- 2020 R2 will be the last release to support Microsoft Internet Explorer and non-Chromium-based versions of the Edge browser.
- Please consult the tables for all changes in operating system minor version support.

Table 1: **Ansys Roadmap - Windows**	**2019**		**2020**		**2021**	
	2019 R2	**2019 R3**	**2020 R1**	**2020 R2**	**2021 R1**	**2021 R2**
Windows 7 Professional and Enterprise editions	✓	✓				
Windows 7 Ansys VRXPERIENCE only	✓	✓	✓	✓	✓	
Windows 10 Professional, Enterprise & Education editions	✓	✓	✓	✓	✓	✓
Windows Server 2012 Standard edition Ansys SPEOS HPC only	✓	✓				
Windows Server 2016 Standard edition	✓	✓	✓	✓	✓	✓
Windows Server 2019 Standard edition	✓*	✓*	✓*	✓*	✓	✓

✓ Ansys Applications and License Manager

* Microsoft HPC Pack 2016 (Scheduler and MPI) is not supported for Windows Server 2019.

Ansys Student licensing is only available on the Windows 10 platform (64-bit, Professional, Enterprise and Educational editions. For more information, see ansys.com> Support> Academic (https://studentcommunity.ansys.com)

Table 2: Ansys Roadmap – Linux (RHEL)	2019		2020		2021	
	2019 R2	2019 R3	2020 R1	2020 R2	2021 R1	2021 R2
RHEL 6 Semiconductor applications only	✓	✓	✓	✓	✓	
RHEL 6.9 Enterprise	✓	✓				
RHEL 6.10 Enterprise	✓	✓				
RHEL 7.3 Enterprise	✓					
RHEL 7.4 Enterprise	✓	✓	✓	✓		
RHEL 7.5 Enterprise	✓	✓	✓	✓		
RHEL 7.6 Enterprise	✓	✓	✓	✓	✓	✓
RHEL 7.7 Enterprise			✓	✓	✓	✓
RHEL 7.8 Enterprise					✓*	✓*
RHEL 7.9 Enterprise						✓*
RHEL 8.1 Enterprise					✓*	✓*
RHEL 8.2 Enterprise						✓*

✓ Ansys Applications and License Manager

* If feasible

Table 3: Ansys Roadmap – Linux (SLES/SLED)	2019		2020		2021	
	2019 R2	2019 R3	2020 R1	2020 R2	2021 R1	2021 R2
SUSE Linux Enterprise Server 11 SP 3 / 4 Semiconductor applications only	✓	✓	✓	✓	✓	✓
SUSE Linux Enterprise Server/Desktop 12 SP 2	✓	✓	✓			
SUSE Linux Enterprise Server/Desktop 12 SP 3	✓	✓	✓	✓	✓	
SUSE Linux Enterprise Server/Desktop 12 SP 4		✓	✓	✓	✓	✓
SUSE Linux Enterprise Server/Desktop 12 SP 5					✓*	✓*
SUSE Linux Enterprise Server/Desktop 15 SP 1				✓	✓	✓
SUSE Linux Enterprise Server/Desktop 15 SP 2					✓*	✓*

✓ Ansys Applications and License Manager

* If feasible

Table 4: Ansys Roadmap - Linux (CentOS)	2019		2020		2021	
	2019 R2	2019 R3	2020 R1	2020 R2	2021 R1	2021 R2
CentOS 6 Semiconductor applications only	✓	✓	✓	✓	✓	
CentOS 7.3	✓					
CentOS 7.4	✓	✓	✓	✓		
CentOS 7.5	✓	✓	✓	✓		
CentOS 7.6	✓	✓	✓	✓	✓	✓
CentOS 7.7			✓	✓	✓	✓
CentOS 7.8					✓*	✓*
CentOS 7.9						✓*
CentOS 8.1					✓*	✓*
CentOS 8.2						✓*

✓ Ansys Applications and License Manager

* If feasible

The information in the above four roadmap tables represents Ansys' current view of its product support platform and availability dates. It is intended for information purpose only and subject to change at any time without prior notification. When available, updated versions of this document will be published on ansys.com.

Virtual Desktop Infrastructure

In addition, Ansys 2020 R2 supports the following Virtual Desktop Infrastructure:

- VMware Horizon View 7.9 (Windows 10 and Server 2016, 2019) with VMware vSphere ESXI 6.5 U2 (Hypervisor Layer)
- Citrix XenDesktop 7 1909 (Windows 10 and Server 2016) with Citrix Hypervisor 8.0
- NICE DCV 2020.0 (Red Hat 7, SLES 12, CentOS 7) with VMware vSphere ESXI 6.5 U2 or Citrix Hypervisor 8.0 GPU Pass-Through only

Compilers

To take advantage of improving compiler technologies, Ansys updates supported compilers from time to time. The following compilers are supported for user-programmable features and functions at Ansys 2020 R2:

- Visual Studio 2017 (Windows)
- GCC 6.3 (Linux)
- Intel Parallel Studio XE 2019, Update 3 (Windows and Linux)

Ansys Quality Assurance Services

Typically, QA Services and the associated Verification Testing Packages will be available for the same platforms as Ansys 2020 R2 Contact the ANSYS, Inc. Corporate Quality Group at qad@ansys.com for information about ANSYS, Inc.'s QA Services.

Feedback

For questions about this document, or if you have platforms you would like us to consider supporting in the future, you can e-mail those requests to platform-feedback@ansys.com. Your feedback is important to us and will determine our future platform support plans. Please do not use this address if you need technical support. Contact your technical support team directly.