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## ANSYS Computing Platform Support: January 2019 \*

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.

### 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 2019 R1 Supported Platforms

2019 R1 is the latest ANSYS release. The specific operating system versions supported by each ANSYS product can be found at [ansys.com> Support> Platform Support \(http://www.ansys.com/Support/Platform+Support\)](http://www.ansys.com/Support/Platform+Support).

ANSYS 2019 R1 includes support for the following:

- Windows 7 (64-bit Professional and Enterprise editions)
- Windows 10 (64-bit Professional, Enterprise and Education editions)
- Windows Server 2016 Standard Edition (64-bit)
- Red Hat Enterprise Linux (RHEL) 6.9 and 6.10 (64-bit)
- Red Hat Enterprise Linux (RHEL) 7.3, 7.4 and 7.5 (64-bit)
- SUSE Enterprise Linux Server & Desktop (SLES / SLED) 12 SP2 and SP3 (64-bit)
- CentOS 7.3, 7.4 and 7.5 (Community Enterprise OS)

We support versions of Windows 10 from the Semi-Annual Channel and Long Term Service Channel, as are available at the time of the ANSYS release.

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 \(https://studentcommunity.ansys.com/\)](https://studentcommunity.ansys.com/)

In addition, ANSYS 2019 R1 supports the following Virtual Desktop Infrastructure:

- VMware Horizon View 7.3 (Windows 7, 10 and Server 2016) with VMware vSphere ESXI 6.5 (Hypervisor Layer)
- Citrix XenDesktop 7.14 (Windows 7, 10 and Server 2016) with Citrix XenServer 7.1 (Hypervisor Layer)
- NICE DCV 2017.1 (Red Hat 6 and 7, SLES 12, CentOS 7) with VMware vSphere ESXI 6.0 U3 or Citrix XenServer 7.1 (Hypervisor Layer) GPU Pass-Through only

Not all applications are supported on all these platforms. Semiconductor applications also support additional versions of Linux. See detailed information, by product, at the URL noted above.

\* See [ansys.com> Support> Platform Support](http://www.ansys.com/Support/Platform+Support) for the most recent version of this document.



## **ANSYS 2019 R1 Supported Platforms**

### **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 2019 R1:

- Visual Studio 2015 (Windows)
- GCC 6.3 (Linux)
- Intel Parallel Studio XE 2017 (Windows and Linux)

During 2019 we expect to be migrating to the following compilers:

- Visual Studio 2017 (Windows)
- GCC 6.3 (Linux)
- Intel Parallel Studio XE 2017 (Windows and Linux)

### **Platforms to be dropped in 2019**

- Tables 1 and 2 below summarize the platform support roadmap for ANSYS products.
- 2019 R3 will be the last ANSYS release to support the Red Hat 6 operating system.
- 2019 R3 will be the last ANSYS release to support Windows 7 (Microsoft extended support for Windows 7 is scheduled to end in early 2020).
- Please consult the tables for all changes in operating system minor version support

## **ANSYS Quality Assurance Services**

ANSYS Quality Assurance (QA) Services customers should refer to the release Installation Guide for details on which platforms are supported. Typically, QA Services and the associated Verification Testing Packages will be available for the same platforms as ANSYS 2019 R1. Contact the ANSYS, Inc. Corporate Quality Group at [qad@ansys.com](mailto: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](mailto: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.

**Table 1: ANSYS Roadmap – Windows**

	2018		2019			2020
	19.1	19.2	2019 R1	2019 R2	2019 R3	2020 R1
<b>Windows 7</b> Professional and Enterprise editions	✓	✓	✓	✓	✓	
<b>Windows 10</b> Professional, Enterprise & Education editions	✓	✓	✓	✓	✓	✓
<b>Windows Server 2012 R2</b> Standard edition	✓	✓				
<b>Windows Server 2016</b> Standard edition	✓	✓	✓	✓	✓	✓
<b>Windows Server 2019</b> Standard edition				✓	✓	✓
✓ ANSYS Applications and License Manager						

**Table 2: ANSYS Roadmap – Linux**

	2018		2019			2020
	19.1	19.2	2019 R1	2019 R2	2019 R3	2020 R1
<b>RHEL 6.8</b> Enterprise	✓	✓				
<b>RHEL 6.9</b> Enterprise	✓	✓	✓	✓	✓	
<b>RHEL 6.10</b> Enterprise			✓	✓	✓	
<b>RHEL 7.2</b> Enterprise	✓	✓				
<b>RHEL 7.3</b> Enterprise	✓	✓	✓	✓		
<b>RHEL 7.4</b> Enterprise	✓	✓	✓	✓	✓	✓
<b>RHEL 7.5</b> Enterprise			✓	✓	✓	✓
<b>RHEL 7.6</b> Enterprise				✓	✓	✓
<b>RHEL 7.7</b> Enterprise						✓*
<b>RHEL 8.0</b> Enterprise						✓*
<b>SUSE Linux Enterprise Server 11 SP3</b> (SLES) +	✓	✓++				
<b>SUSE Linux Enterprise Server 11 SP4</b> (SLES) +	✓	✓++				
<b>SUSE Linux Enterprise Server 12 SP1</b> (SLES) +	✓	✓				
<b>SUSE Linux Enterprise Server 12 SP2</b> (SLES) +	✓	✓	✓	✓	✓	✓
<b>SUSE Linux Enterprise Server 12 SP3</b> (SLES) +	✓	✓	✓	✓	✓	✓
<b>SUSE Linux Enterprise Server 12 SP4</b> (SLES) +					✓	✓
<b>SUSE Linux Enterprise Server 15 SP0</b> (SLES) +				✓*	✓*	✓*
<b>SUSE Linux Enterprise Server 15 SP1</b> (SLES) +						✓*
<b>CentOS 7.3</b> Current Major Version	✓	✓	✓	✓		
<b>CentOS 7.4</b> Current Major Version	✓	✓	✓	✓	✓	✓
<b>CentOS 7.5</b> Current Major Version			✓	✓	✓	✓
<b>CentOS 7.6</b> Current Major Version				✓*	✓	✓
<b>CentOS 7.7</b> Current Major Version						✓*
✓ ANSYS Applications and License Manager * If feasible + The equivalent version of Linux Enterprise Desktop is also supported. ++ Fluent is not supported on SLES 11 at release 19.2.						

