Operating System Checklist for Oracle Database Installation on Microsoft Windows

Use this checklist to check minimum operating system requirements for Oracle Database.

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Table 1-2 Operating System General Checklist for Oracle Database on Microsoft Windows

Item Task Operating system general Oracle Database for Windows x64 is supported on the following requirements operating system versions: Windows 8.1 x64 - Pro and Enterprise editions Windows 10 x64 - Pro, Enterprise, and Education editions Windows 11 x64 - Pro. Enterprise, and Education editions Windows Server 2012 R2 x64 - Standard, Datacenter, Essentials, and Foundation editions Windows Server 2016 x64 - Standard, Datacenter, and Essentials editions Windows Server 2019 x64 - Standard, Datacenter, and Essentials editions Windows Server 2022 x64 - Standard, Datacenter, and Essentials editions



Windows 11 x64 - Pro, Enterprise, and Education editions and Windows Server 2022 x64 - Standard, Datacenter, and Essentials editions are supported starting with Oracle Database 19c Release Update (19.13) or later.

Server Configuration Checklist for Oracle Database Installation

Use this checklist to check minimum server configuration requirements for Oracle Database installations.



Table 1-1 (Cont.) Server Hardware Checklist for Oracle Database Installation

Check	Task
Linux for ARM (aarch64) processor	Oracle Database 19c Linux for ARM (aarch64) requires a CPU capable of Neoverse N1. Oracle recommends using a server with an Ampere Altra or Ampere Altra Max CPU.

Operating System Checklist for Oracle Database Installation on Linux

Use this checklist to check minimum operating system requirements for Oracle Database.

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Table 1-2 Operating System General Checklist for Oracle Database on Linux

Item	Task		
Operating system general requirements	OpenSSH installed manually, if you do not have it installed already as part of a default Linux installation. A Linux kernel in the list of supported kernels and releases listed in this guide.		
general	 The following Linux x86-64 kernels are supported: Oracle Linux 9 with the Unbreakable Enterprise Kernel 7: 5.15.0-1.43.4.2.el9uek.x86_64 or later Oracle Linux 9 with the Red Hat Compatible Kernel: 5.14.0-70.22.1.0.2.el9_0.x86_64 or later Oracle Linux 8.1 with the Unbreakable Enterprise Kernel 6: 5.4.17-2011.0.7.el8uek.x86_64 or later Oracle Linux 8 with the Red Hat Compatible kernel: 4.18.0-80.el8.x86_64 or later Oracle Linux 7.4 with the Unbreakable Enterprise Kernel 4: 4.1.12-124.19.2.el7uek.x86_64 or later Oracle Linux 7.4 with the Unbreakable Enterprise Kernel 5: 4.14.35-1818.1.6.el7uek.x86_64 or later Oracle Linux 7.7 with the Unbreakable Enterprise Kernel 6: 5.4.17-2011.4.4.el7uek.x86_64 or later Oracle Linux 7.5 with the Red Hat Compatible Kernel: 3.10.0-862.11.6.el7.x86_64 or later Red Hat Enterprise Linux 9: 5.14.0-70.22.1.el9_0.x86_64 or later Red Hat Enterprise Linux 8: 4.18.0-80.el8.x86_64 or later Red Hat Enterprise Linux 7.5: 3.10.0-862.11.6.el7.x86_64 or later SUSE Linux Enterprise Server 15: 4.12.14-23-default or later SUSE Linux Enterprise Server 12 SP3: 4.4.162-94.72-default or later Review the system requirements section for a list of minimum package requirements. 		



Operating System Checklist for Oracle Database on HP-UX Itanium

Use this checklist to check minimum operating system requirements for Oracle Database.

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Table 1-2 Operating System General Checklist for Oracle Database on HP-UX Itanium

Item	Task
Operating system	The following HP-UX Itanium version is supported:
general requirements	HP-UX 11.31 September 2014 B.11.31.1409 or later
	Review the system requirements section for a list of patch requirements.

Server Configuration Checklist for Oracle Database Installation

Use this checklist to check minimum server configuration requirements for Oracle Database installations.

Table 1-3 Server Configuration Checklist for Oracle Database

Check	Task
Disk space allocated to the /tmp directory	At least 1 GB of space in the temporary disk space (/tmp) directory
Swap space allocation relative to RAM (Oracle Database)	Between 1 GB and 2 GB: 1.5 times the size of the RAM Between 2 GB and 16 GB: Equal to the size of the RAM More than 16 GB: 16 GB Note: Configure swap for your expected system loads. This installation guide provides minimum values for installation only. Refer to your operating sytem documentation for additional memory tuning guidance.
Swap space allocation relative to RAM (Oracle Restart)	Between 8 GB and 16 GB: Equal to the size of the RAM More than 16 GB: 16 GB

