

List of Windows Server Versions Compared:

- *Windows Server 2000*
- *Windows Server 2003*
- *Windows Server 2008*
- *Windows Server 2008 R2 and 2008*
- *Windows Server 2012 R2 and 2012*
- *Windows Server 2016*
- *Windows Server 2019*
- *Windows Server 2022*

Windows Server Versions

Features:	2000	2003	2008	2008 R2	2012	2012 R2	2016	2019	2022
<i>Release Date</i>	February 2000	April 2003	February 2008	February 2008	September 2012	October 2013	September 2016	October 2018	August 2021
<i>Kernal Version</i>	NT 5.0	NT 5.2	NT 6.0	NT 6.1	NT 6.2	NT 6.3	NT 10.0	NT 10.0	NT 10.0
<i>Bits Supported</i>	32	32; 64	32; 64	64	64	64	64	64	64
<i>Virtualization</i>	None	Virtual Server 2005	Hyper-V	Hyper-V	Hyper-V	Enhanced	Enhanced	Enhanced	Enhanced
<i>PowerShell Version</i>	None	None	2	2	3	4	5.1	5.1	5.1
<i>Active Directory</i>	Basic AD	Enhanced AD	Improved AD	Improved AD	DAC	Enhanced DAC	JIT Admin	WACI	Improved WAC
<i>Supported End Date</i>	2010	2015	2020	2020	2023	2023	2027	2029	2031

Definitions:

- ✚ R2 = Release Number (For releasing new features/updates without creating a completely new version)
- ✚ NT = New Technology
- ✚ DAC = Dynamic Access Control
- ✚ JIT = Just-in-Time Administration
- ✚ WAC = Windows Admin Center Integration

Key Notes:

- ✓ Versions 2016, 2019, and 2022 have the same Kernel Version of NT 10.0
- ✓ While versions 2003-2022 all supported 64-bits, versions 2003 and 2008 supported both 32 and 64-bits.
 - Versions 2008 R2-2022 only supported 64-bits.
- ✓ Versions 2008, 2008 R2, and 2012 all had Hyper-V Virtualization
 - Versions 2012 R2, 2026, 2019, and 2022 and had Enhanced Hyper-V Virtualization
- ✓ Versions 2016, 2019, and 2022 all have PowerShell version 5.1

Resources:

Apex-Production. (n.d.). *Windows previous versions documentation*. Microsoft Learn.
<https://learn.microsoft.com/en-us/previous-versions/windows/>