

z/VSE Status

Unsupported releases may run on these servers at user's risk

IBM z Systems, IBM System z, zSeries and S/390 Server	z/VSE V5.1 (1)	z/VSE V4.1, V4.2 and V4.3 (1)	z/VSE V3.1 (1, 5)	VSE/ESA V2.7 and V2.6 (1)	VSE/ESA V2.5 (1)	VSE/ESA V2.4 (1)	VSE/ESA V2.3 (1)
IBM z14 ZR1 (7)	Yes (8)	LPAR: No z/VM: Yes (6, 9)	No	No	No	No	No
IBM z14 (7)	Yes (8)	LPAR: No z/VM: Yes (6, 9)	No	No	No	No	No
IBM z13s (7)	Yes	Yes (6)	Yes (4)	Yes (4)	No (2)	No (2)	No (2)
IBM z13 (7)	Yes	Yes (6)	Yes (4)	Yes (4)	No (2)	No (2)	No (2)
IBM zEnterprise BC12 (7)	Yes	Yes (6)	Yes (4)	Yes (4)	No (2)	No (2)	No (2)
IBM zEnterprise EC12 (7)	Yes	Yes (6)	Yes (4)	Yes (4)	No (2)	No (2)	No (2)
IBM zEnterprise 114	Yes	Yes (6)	Yes (4)	Yes (4)	No (2)	No (2)	No (2)
IBM zEnterprise 196	Yes	Yes (6)	Yes (4)	Yes (4)	No (2)	No (2)	No (2)
IBM System z10 EC	Yes	Yes (6)	Yes (6)	Yes (4)	Yes (4)	No (2)	No (2)
IBM System z10 BC	Yes	Yes	Yes (4)	Yes (4)	No (2)	No (2)	No (2)
IBM System z9 EC (formerly z9-109)	Yes	Yes	Yes (4)	Yes (4)	No (2)	No (2)	No (2)

IBM z Systems, IBM System z, zSeries and S/390 Server	z/VSE V5.1 (1)	z/VSE V4.1, V4.2 and V4.3 (1)	z/VSE V3.1 (1, 5)	VSE/ESA V2.7 and V2.6 (1)	VSE/ESA V2.5 (1)	VSE/ESA V2.4 (1)	VSE/ESA V2.3 (1)
IBM System z9 BC	Yes	Yes	Yes (4)	Yes (4)	No (2)	No (2)	No (2)
zSeries 990/890	No	Yes	Yes (4)	Yes (4)	Yes (4)	No (2)	No (2)
zSeries 900/800	No	Yes	Yes	Yes	Yes	Yes	Yes
S/390 Parallel Enterprise Server G5/G6 (3)	No	No	Yes	Yes	Yes	Yes	Yes
S/390 Multiprise 3000 (3)	No	No	Yes	Yes	Yes	Yes	Yes
S/390 Parallel Enterprise Server G4 (3)	No	No	No	No	Yes	Yes	Yes
S/390 Multiprise 2000 (3)	No	No	No	No	Yes	Yes	Yes
S/390 Integrated Server (3)	No	No	No	No	Yes	Yes	Yes
S/390 Parallel Enterprise Server G3/G2/G1 (3)	No	No	No	No	Yes	Yes	Yes
P/390 and R/390 (3)	No	No	No	No	Yes	Yes	Yes
ES/9000 – 9221 (3)	No	No	No	No	Yes	Yes	Yes
ES/9000 – 9121, 9021 (3)	No	No	No	No	Yes	Yes	Yes

Note 1: Although we know of no reason why these older, unsupported releases can't run on these servers, unsupported environments are always **at the user's risk**. For example, we recognize some customers may want to install a new server running an old, unsupported release of z/VSE or VSE/ESA, then (once the installation of the new server is complete) migrate to a newer, supported release. Customers should be aware that some risk is always involved in running unsupported environments. Therefore running unsupported releases should be done on a transitional basis only. The goal should always be to minimize the length of time needed to complete the migration. We strongly recommend to apply all available PTFs on the unsupported release. A list of available PTFs can be found in the PSPs and RSLs.

Note 2: These releases will not run on z990, z890, z9, z10, z114, z196, zEC12, zBC12, z13 or z13s servers. However, for transition purposes, a temporary patch may be available. Be aware, these releases are unsupported and the temporary patch does not in any way imply supported status. Use of unsupported releases is always at the user's risk. If you are interested in running one of these releases on any of the servers indicated, please contact the [z/VSE Team](#).

Note 3: Servers shown in red are no longer supported by IBM, or a end of support date has been announced.

Note 4: Additional PTFs are required to run z/VSE V3.1, VSE/ESA V2.7, V2.6 and V2.5 on zSeries 990, 890, z9 EC/BC, z10 EC/BC, z114, z196, zEC12, zBC12, z13 or z13s. For VSE/ESA 2.6 and 2.7 it is absolutely necessary to install the following APARs prior to switching to the new hardware in order to ensure proper IPL:

VSE/ESA 2.6: APAR [DY45944](#) and APAR [DY45958](#)

VSE/ESA 2.7: APAR [DY45958](#)

Note 5: z/VSE V3 executes in 31-bit mode only. z/VSE V3 does not implement z/Architecture, and specifically does not implement 64-bit mode capabilities. z/VSE V3 is designed to exploit selected features of IBM z Systems hardware.

Note 6: To use SCRT/QVS on a z196, z114, zEC12, zBC12, z13, z13s, z14, or z14 ZR1 APAR [DY47111](#) (z/VSE 4.2) ,or [DY47110](#) (z/VSE 4.1) is required. If you configure OSA-Express3 or later using OSA/SF, APAR [PK97277](#) (z/VSE 4.1), or [PM55313](#) (z/VSE 4.2 and z/VSE 4.3), or [PM57552](#) (z/VSE 5.1) is required.

Note 7: The z14 ZR1, z14, z13, z13s, zEC12 and zBC12 allow to configure OSA-Express4S and later with OSA/SF in HMC.

Note 8: PTF [UD54170](#) must be applied before IPL on a z14 or z14 ZR1 can be performed. An AR REIPL (in LPAR, on ECKD) is not possible. A patch is available in APAR [DY47722](#). An AR REIPL (in z/VM guest, on ECKD) is only possible with SET MACH ESA. A new Initial Installation of z/VSE 5.1 is not possible on a z14 or z14 ZR1.

Note 9: Running z/VSE V4.3, V4.2, or V4.1 on a z14 or z14 ZR1 is only possible under z/VM with SET MACH ESA. z/VSE V4.3, V4.2, or V4.1 will not run on a z14 or z14 ZR1 in an LPAR.

Unsupported releases may use these storage systems at user's risk

IBM Disk Storage Systems	Attachment	z/VSE V5.1	z/VSE V4.3	z/VSE V4.2	z/VSE V4.1
IBM TotalStorage Enterprise Storage Server model 750, 800 and 800 Turbo	ECKD	Yes	Yes	Yes	Yes
	SCSI (FCP)	Yes	Yes	Yes	Yes
IBM System Storage DS6000 series	ECKD (1)	Yes	Yes	Yes	Yes
	SCSI (FCP)	Yes	Yes	Yes	Yes
IBM System Storage DS8000 series. This includes the DS8880 family (models DS8884, DS8886 and DS8888) (2,3)	ECKD	Yes	Yes	Yes	Yes
	SCSI (FCP)	Yes	Yes	Yes	Yes
IBM System Storage SAN Volume Controller (SVC), IBM Storwize V7000, IBM Storwize V5000, IBM Storwize V3500, IBM Storwize V3700, IBM FlashSystem V840, IBM FlashSystem V9000	SCSI (FCP)	Yes	Yes	Yes	No
IBM XIV Storage System	SCSI (FCP)	Yes	Yes	Yes	No
Parallel Access Volume Feature (PAV)	ECKD	Yes	Yes	Yes	No

Note (1): IBM System Storage DS6000 does not offer ESCON connectivity.

Note (2): Full Disk Encryption is supported by z/VSE 4.1 and later.

Note (3): SSD (Solid State Disk) is supported by z/VSE 4.1 and later. For performance considerations refer to the [IBM System Storage](#) home page.

IBM Tape Systems	Controllers	z/VSE V5.1	z/VSE V4.3	z/VSE V4.2	z/VSE V4.1
TS1140 (3592 Model E07) Encryption capable	C07, C06	Yes (4)	No	No	No
TS1130 (3592 Model E06) Encryption capable	C07, C06	Yes	Yes	Yes	No
TS1120 (3592 Model E05) Encryption capable	C07, C06, J70	Yes	Yes	Yes	Yes
3592 Model J1A	C06, J70	Yes	Yes	Yes	Yes
TS3400 Tape Library (Autoloader) containing up to two TS1120 tape drives	C06	Yes	Yes	Yes	Yes
3590 Model H, E and B	A50, A60	Yes	Yes	Yes	Yes
3490E	A10, A20	Yes	Yes	Yes	Yes
3490	A01, A02	Yes	Yes	Yes	Yes
3480	A22	Yes	Yes	Yes	Yes

Note (4): Additional PTFs are required.

IBM Tape Library Systems	Controllers	z/VSE V5.1	z/VSE V4.3	z/VSE V4.2	z/VSE V4.1
TS7680 ProtecTIER Deduplication Gateway	C06, tape drives: virtual 3592 J1A	Yes	Yes	No	No
TS7700 Virtualization Engine (5)	See info for tape drives.	Yes	Yes	Yes	Yes
Copy Export Function		Yes	No	No	No
Multi-Cluster Grid Support		Yes	No	No	No

IBM Tape Library Systems	Controllers	z/VSE V5.1	z/VSE V4.3	z/VSE V4.2	z/VSE V4.1
3494 Virtual Tape Server (VTS)	See info for tape drives.	Yes	Yes	Yes	Yes
TS3500/3584 UltraScalable Tape Library	J70, C06	Yes	Yes	Yes	Yes
3494 TotalStorage Tape Library	J70, C06, A60	Yes	Yes	Yes	Yes

Note (5): When using the TS7700 R1.5 tape library with z/VM's VGS (VSE Guest Support) you need to install z/VM APAR [VM64657](#)/PTF UM32727 (DFSMS/VM).

Note: For more information about supported devices please see the [z/VSE Planning](#) manual.

Unsupported z/VSE Version 5 releases

Version.Release	Date available	Withdrawal from Marketing effective	Withdrawal from Service effective	Minimum z/VM level (1)
z/VSE V5.1	11/25/2011 Announcement	05/23/2014 Announcement	06/30/2016 Announcement	z/VM V5.4

Note (1): The minimum z/VM level applies when z/VSE is running as a guest under z/VM. In some cases, the minimum level of z/VM may not be supported. For information on the service status of z/VM, please refer to the [z/VM web site](#).

Unsupported z/VSE Version 4 releases

Version.Release	Date available	Withdrawal from Marketing effective	Withdrawal from Service effective	Minimum z/VM level (1)
z/VSE V4.3	11/26/2010 Announcement	06/25/2012 Announcement	10/31/2014 Announcement	z/VM V5.2
z/VSE V4.2	10/17/2008 Announcement	11/26/2010	10/31/2012 (2) Announcement	z/VM V5.2
z/VSE V4.1	03/16/2007 Announcement	10/17/2008 Announcement	04/30/2011 Announcement	z/VM V5.2

Note (1): The minimum z/VM level applies when z/VSE is running as a guest under z/VM. In some cases, the minimum level of z/VM may not be supported. For information on the service status of z/VM, please refer to the [z/VM web site](#).

Note (2): z/VSE V4.2, CICS/VSE V2.3, DL/I V1.10 and DL/I V1.11 have been withdrawn from service effective at 10/31/2012. z/VSE V4.2 is the last release that offers CICS/VSE V2.3 and DL/I V1.10. CICS/VSE V2.3 and DL/I V1.10 are not included in any future version or release of z/VSE.

Unsupported z/VSE Version 3 releases

Version.Release	Date available	Withdrawal from Marketing effective	Withdrawal from Service effective	Minimum z/VM level (1)
z/VSE V3.1	03/04/2005 Announcement	05/31/2008 Announcement	07/31/2009 Announcement	z/VM V4

Note (1): The minimum z/VM level applies when z/VSE is running as a guest under z/VM. In some cases, the minimum level of z/VM may not be supported. For information on the service status of z/VM, please refer to the [z/VM web site](#).

Note: z/VSE V3 executes in 31-bit mode only. z/VSE V3 does not implement z/Architecture, and specifically does not implement 64-bit mode capabilities. z/VSE V3 is designed to exploit selected features of IBM z Systems hardware.

Unsupported VSE/ESA Version 2 releases

Version.Release	Date available	Withdrawal from Marketing effective	Withdrawal from Service effective	Minimum z/VM level (1)
VSE/ESA V2.7	03/14/2003 Announcement	09/30/2005 Announcement	02/28/2007 Announcement	z/VM V3
VSE/ESA V2.6	12/14/2001 Announcement	03/14/2003 Announcement	03/31/2006 Announcement	z/VM V3
VSE/ESA V2.5	09/29/2000 Announcement	12/14/2001 Announcement	12/31/2003 Announcement	VM/ESA V2.2
VSE/ESA V2.4	06/25/1999 Announcement	09/29/2000	06/30/2002 Announcement	
VSE/ESA V2.3	07/12/1997 Announcement	06/30/2000 Announcement	12/31/2001 Announcement	

Version.Release	Date available	Withdrawal from Marketing effective	Withdrawal from Service effective	Minimum z/VM level (1)
VSE/ESA V2.2	12/13/1996 Announcement	07/12/1997	01/31/2001 Announcement	
VSE/ESA V2.1	04/21/1995 Announcement	12/13/1996	01/31/2001 Announcement	

Note (1): The minimum z/VM level applies when VSE/ESA is running as a guest under z/VM or VM/ESA. In some cases, the minimum level of z/VM or VM/ESA may not be supported. For information on the service status of z/VM, please refer to the [z/VM web site](#).

Unsupported VSE/ESA Version 1 releases

Version.Release	Date available	Withdrawal from Marketing effective	Withdrawal from Service effective
VSE/ESA V1.4	06/16/1995 Announcement	12/31/1999 Announcement	01/31/2000 Announcement
VSE/ESA V1.3	03/12/1993 Announcement	06/16/1995	12/31/1998 Announcement
VSE/ESA V1.2	09/27/1991 Announcement	03/26/1993	12/31/1996 Announcement
VSE/ESA V1.1	12/28/1990 Announcement	09/27/1991	12/31/1996 Announcement

Unsupported VSE/SP releases

Version.Release	Date available	Withdrawal from Marketing effective	Withdrawal from Service effective
VSE/SP V4.1	07/07/1989 Announcement	12/18/1992	09/30/1994
VSE/SP V3.1	06/30/1987 Announcement	06/29/1991	09/30/1993
VSE/SP V2.1	06/15/1985 Announcement	07/31/1989	03/31/1991

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