

Tested platforms for Linux

Get support for IBM tested and supported Linux environments

IBM tested and supported Linux environments

This table shows IBM tested and supported Linux® environments. For the supported distributions check the statements of the individual Linux distribution as some are out of service and will require extended support. You can obtain a Support Line contract for remote technical support or contract with a third party provider.

The listed distributions are 64-bit distributions; the Red Hat and SUSE distributions include the 31-bit emulation layer to run 31-bit software products. See the testing below and read the footnotes as well.

Resources for specific information

[Red Hat certified hardware](#)

[SUSE certified platform information](#)

[Ubuntu Server certified hardware](#)

[IBM Storage Interoperation Center](#)

Distribution	LinuxONE Emperor II	LinuxONE Emperor	LinuxONE Rockhopper	zEnterprise - zBC12 and zEC12	zEnterprise - z114 and z196	System z10 and System z9
	z14	z13	z13s			
RHEL 7	✓ (1)	✓ (4)	✓ (4)	✓ (7)	✓ (7)	✗
RHEL 6	✓ (**)	✓ (4)	✓ (4)	✓ (8)	✓	✓
RHEL 5	✗	✓ (4)	✗	✓ (9)	✓	✓
RHEL 4 (*)	✗	✗	✗	✗	✓ (12)	✓
SLES 12	✓ (2)	✓ (5)	✓ (5)	✓	✓	✗
SLES 11	✓ (2)	✓ (5)	✓ (5)	✓ (10)	✓	✓
SLES 10 (*)	✗	✗	✗	✓ (11)	✓	✓
SLES 9 (*)	✗	✗	✗	✗	✓ (13)	✓
Ubuntu 16.04	✓ (3)	✓ (6)	✓ (6)	✓ (6)	✗	✗



Indicates that the distribution (version) has been tested by IBM on the hardware platform, will run on the system, and is an IBM supported environment. Updates or service packs applied to the distribution are also supported. Please check with your service provider which kernel-levels are currently in support.

(**)IBM is working with the Linux partner to support selected levels of the distribution on z14.

RHEL6 support is planned to be based on a service update of RHEL 6.9

Note: the required patch levels and additional details will be provided soon.

(1) Red Hat Hardware Certification statement for RHEL 7.3 is available at:

<https://access.redhat.com/ecosystem/hardware/3014651>

The following kernel-level and cryptography libraries are the currently known required minimum-levels for z14:

RHEL 7.3: 3.10.0-514.el7 ; Crypto libs: TKE9.0, csulcca-5.2.23-12, ep11-host-1.3.0-3, ep11-host-devel-1.3.0-3

(2) SUSE Hardware Certification statement for SLES 12 SP2 is available at:

<https://www.suse.com/nbswebapp/yesBulletin.jsp?bulletinNumber=145823>

The following kernel-level and cryptography libraries are the currently known required minimum-levels for z14:

SLES 12 SP2: kernel-default-4.4.74-92.35.1 ; Crypto libs: TKE9.0, csulcca-5.2.23-12, ep11-host-1.3.0-3, ep11-host-devel-1.3.0-3

SUSE Hardware Certification statement for SLES 11 SP4 is available at:

<https://www.suse.com/nbswebapp/yesBulletin.jsp?bulletinNumber=145817>

The following kernel - level and cryptography libraries are the currently known required minimum - levels for z14: SLES 11 SP4: kernel - default - 3.0.101 - 108.10 ; Crypto libs: TKE9.0, csulcca - 5.2.23 - 12, ep11 - host - 1.3.0 - 3, ep11 - host - devel - 1.3.0 - 3

RoCE Express2 is not supported

(3) Canonical Hardware Certification statement for Ubuntu 16.04.3 LTS is available at:

<https://certification.ubuntu.com/server/models/?query=z14&vendors=IBM>

The following kernel-level and cryptography libraries are the currently known required minimum-levels for z14:

Ubuntu 16.04.3 LTS: LTS kernel 4.4.0-96 ; Crypto libs: TKE9.0, csulcca-5.2.23-12, libep11_1.3.0-3, libep11-dev_1.3.0-3

(4) Red Hat Hardware Certification statements are available for RHEL 7.0, RHEL 6.6, and RHEL5.11 at:

<https://hardware.redhat.com/&quicksearch=z13>

The following kernel-levels are the currently known required minimum-levels for z13:

RHEL 7.1 replaces RHEL 7.0: 3.10.0-229.14.1.el7

RHEL 6.6: 2.6.32-504.16.2.el6

RHEL 5.11: 2.6.18-400.el5

(5) SUSE YES CERTIFIED Bulletins are available for SLES 12 and SLES 11 SP3 at:

<https://www.suse.com/yessearch/SResults.jsp?bulletinNumber=&keywords=z13>

The following kernel-levels are the currently known required minimum-levels for z13:

SLES 12: 3.12.44-52.18.1

SLES 11 SP3: 3.0.101-0.40.1

(6) Canonical Ubuntu Server certified hardware is available for IBM z13® at:

	<p>https://certification.ubuntu.com/server/models/?query=z13&vendors=IBM&release=16.04%20LTS for IBM z13s™ at: https://certification.ubuntu.com/server/models/?query=z13s&vendors=IBM&release=16.04+LTS for IBM zEnterprise EC12 (zEC12) at: https://certification.ubuntu.com/server/models/?query=zEC12&vendors=IBM&release=16.04%20LTS for IBM zEnterprise BC12 (zBC12) at: https://certification.ubuntu.com/server/models/?query=zBC12&vendors=IBM&release=16.04+LTS</p> <p>The following kernel-level are the currently known required minimum-levels for z13/z13s/zEC12/zBC12:</p> <p>Ubuntu 16.04.1 : 4.4.0.21.22</p> <p>⁽⁷⁾ RHEL 7.1 replaces RHEL 7.0</p> <p>⁽⁸⁾ Minimum level: RHEL 6.3</p> <p>⁽⁹⁾ Minimum level: RHEL 5.8</p> <p>⁽¹⁰⁾ Recommended level: SLES 11 SP3</p> <p>⁽¹¹⁾ Recommended level: SLES 10 SP4 with latest maintenance updates</p> <p>⁽¹²⁾ RHEL 4.8 only. Some functions have changed or are not available with the IBM zEnterprise 196 (z196), e.g. the Dual-port OSA cards support to name one of several. Please check with your service provider regarding the end of service.</p> <p>⁽¹³⁾ SLES 9 SP4 with latest maintenance updates only. Some functions have changed or are not available with the z196, e.g. the Dual-port OSA cards support to name one of several. Please check with your service provider regarding the end of service.</p>
⊗	Indicates that the distribution is not supported by IBM on this server.
(*)	The distribution is out of service, extended support is required.

Supported on IBM eServer™ zSeries® servers are: RHEL 5 and RHEL 4^(*), and SLES 10^(*) and SLES 9^(*).

This document is frequently updated. While you can download this table for easy viewing, note the document date and come back to following link for the latest version. <https://www.ibm.com/common/ssi/cgi-bin/ssialias?htmlfid=ZSL03493USEN&>

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