

IBM System Recovery Boost multiyear upgrade

Table of contents

1 Overview	2 Publications
1 Key requirements	3 Technical information
1 Planned availability date	4 Terms and conditions
1 Description	5 Prices
2 Statement of general direction	5 AP distribution
2 Product number	

Overview

IBM[®] has increased the term for System Recovery Boost Upgrade on IBM z15[™] Model T01 from one year to five years, available in one-year increments. New feature code 6799 will record how many subscription years you purchase.

Feature code 6802, SRB Upgrade Record, will still enable temporary activation of additional physical zIIP processors to be used in conjunction with System Recovery Boost. Feature code 9930, SRB Upgrade Authorization, is still required to enable the ordering of SRB Upgrade Record (#6802). Feature code 9930 drives the necessary contracts to use the Boost Record. Feature code 6799 further qualifies the use of these existing feature codes.

As announced on November 26, 2019, no specific z15[™] feature codes need to be ordered to be able to use the base capabilities of System Recovery Boost. Feature codes 6802, 6799, and 9930 are required only to make use of the optional System Recovery Boost Upgrade Record, which allows the temporary activation of additional zIIP processor resources in conjunction with System Recovery Boost.

Key requirements

Refer to the [Hardware requirements](#) and [Software requirements](#) sections of this announcement.

Planned availability date

April 14, 2020.

MES planned availability is July 28, 2020.

Description

IBM has increased the term for System Recovery Boost Upgrade on IBM z15 Model T01 from one year to five years, available in one-year increments. New feature code 6799 will record how many subscription years you purchase.

Feature code 6802, SRB Upgrade Record, will still enable temporary activation of additional physical zIIP processors to be used in conjunction with System Recovery Boost. Feature code 9930, SRB Upgrade Authorization, is still required to enable the ordering of SRB Upgrade Record (#6802). Feature code 9930 drives the necessary

contracts to use the Boost Record. Feature code 6799 further qualifies the use of these existing feature codes.

As announced on November 26, 2019, no specific z15 feature codes need to be ordered to be able to use the base capabilities of System Recovery Boost. Feature codes 6802, 6799, and 9930 are required only to make use of the optional System Recovery Boost Upgrade Record, which allows the temporary activation of additional zIIP processor resources in conjunction with System Recovery Boost.

Statement of general direction

Future HMC hardware: IBM z15 is planned to be the last server to offer the ability to order stand-alone Hardware Management Console (HMC) hardware. For future systems, new HMC hardware can be ordered only in the form of the Hardware Management Appliance feature (#0100) which was introduced on IBM z15. The Hardware Management Appliance feature provides redundant HMCs and Support Elements (SEs) that reside inside the Central Processor Complex (CPC) frame, and the ability to eliminate stand-alone HMC hardware (tower or rack mounted) outside the CPC frame. Stand-alone HMC hardware (tower or rack mounted) can still be ordered and used with IBM z15.

Statements by IBM regarding its plans, directions, and intent are subject to change or withdrawal without notice at the sole discretion of IBM. Information regarding potential future products is intended to outline general product direction and should not be relied on in making a purchasing decision. The information mentioned regarding potential future products is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. Information about potential future products may not be incorporated into any contract. The development, release, and timing of any future features or functionality described for IBM products remain at the sole discretion of IBM.

Reference information

For more information about IBM z15, including System Recovery Boost, see Hardware Announcement [AG19-0032](#), dated September 12, 2019.

For more information about IBM z/OS^(R) Version 2 Release 4, see Software Announcement [AP19-0326](#), dated July 23, 2019.

Product number

Description	Machine type	Model	Feature number
IBM z15	8561	T01	
SRB Upgrade Years Ordered			6799

Publications

Not applicable.

To access the IBM Publications Center Portal, go to the [IBM Publications Center](#) website.

The Publications Center is a worldwide central repository for IBM product publications and marketing material with a catalog of 70,000 items. Extensive search facilities are provided. A large number of publications are available online in various file formats, which can currently be downloaded.

National language support

Not applicable.

Services

IBM Systems Lab Services

IBM Systems Lab Services offers a wide array of services available for your enterprise. It brings expertise on the latest technologies from the IBM development community and can help with your most difficult technical challenges.

IBM Systems Lab Services exists to help you successfully implement emerging technologies so as to accelerate your return on investment and improve your satisfaction with your IBM systems and solutions. Services examples include initial implementation, integration, migration, and skills transfer on IBM systems solution capabilities and recommended practices. IBM Systems Lab Services is one of the service organizations of IBM's world-renowned IBM Systems Group development labs.

For details on available services, contact your IBM representative or go to the [Lab Services](#) website.

Global Technology Services

IBM services include business consulting, outsourcing, hosting services, applications, and other technology management.

These services help you learn about, plan, install, manage, or optimize your IT infrastructure to be an on-demand business. They can help you integrate your high-speed networks, storage systems, application servers, wireless protocols, and an array of platforms, middleware, and communications software for IBM and many non-IBM offerings. IBM is your one-stop shop for IT support needs.

For details on available services, contact your IBM representative or go to the [IBM Global Technology Services^{\(R\)}](#) website.

For details on available IBM Business Continuity and Recovery Services, contact your IBM representative or go to the [Resiliency Services](#) website.

Details on education offerings related to specific products can be found on the [IBM authorized training](#) website.

Technical information

Specified operating environment

Hardware requirements

The hardware requirements for the IBM Z^(R) servers, features, and functions are identified. A new driver level is required.

HMC (V2.15.0) plus MCLs and the Support Element (V2.15.0) became available on September 23, 2019. You should review the PSP buckets for minimum Machine Change Levels (MCLs) and software PTF levels before IPLing operating systems.

The new functions available on the Hardware Management Console (HMC) version 2.15.0, as described, apply exclusively to IBM z15. However, the HMC version 2.15.0 will also support the systems listed in the table below.

Machine family	Machine type	Firmware driver	SE version
z14	3906	36	2.14.1
z14	3906	32	2.14.0
z14 ZR1	3907	36	2.14.1
z14 ZR1	3907	32	2.14.0
z13 ^(R)	2964	27	2.13.1
z13s ^(R)	2965	27	2.13.1

Software requirements

IBM System Recovery Boost requires at a minimum:

- z/OS V2.4 with PTFs.
- z/OS V2.3 with PTFs.
- z/VM^(R) V7.2.
- z/VM V7.1 with PTFs.
- z/TPF V7.1 with PTFs.

Planning information

Client responsibilities

Information on customer responsibilities for site preparation can be found in the [Library](#) section of Resource Link^(R).

Cable orders

Not applicable.

Security, auditability, and control

The IBM z15 uses the security and auditability features and functions of host hardware, host software, and application software.

The client is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communications facilities.

IBM Systems Lab Services

For details on available services, contact your IBM representative or go to the [Lab Services](#) website.

Terms and conditions

Warranty period: One year.

To obtain copies of the IBM Statement of Limited Warranty, contact your reseller or IBM. An IBM part or feature installed during the initial installation of an IBM machine is subject to the full warranty period specified by IBM. An IBM part or feature that replaces a previously installed part or feature assumes the remainder of the warranty period for the replaced part or feature. An IBM part or feature added to a machine without replacing a previously installed part or feature is subject to a full warranty. Unless specified otherwise, the warranty period, type of warranty service, and service level of a part or feature are the same as those for the machine in which it is installed.

Client setup: No

Prices

For all local charges, contact your local IBM representative or IBM Business Partner.

AP distribution

Country/Region	Announced
ASEAN *	Yes
India/South Asia **	Yes
Australia	Yes
Hong Kong	Yes
Macao SAR of the PRC	Yes
Mongolia	Yes
New Zealand	Yes
People's Republic of China	Yes
South Korea	Yes
Taiwan	Yes

* Brunei Darussalam, Cambodia, Indonesia, Lao People's Democratic Republic, Malaysia, Myanmar, Philippines, Singapore, Thailand, Timor-Leste, and Vietnam

** Bangladesh, Bhutan, India, Maldives, Nepal, and Sri Lanka

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