



Technology Transition Offerings for the IBM z13 offer price-performance advantages

Table of contents

1 Overview	2 Description
2 Key prerequisites	10 Announcement countries
2 Effective date	

Overview

Complementing the announcement of the IBM z13™ (z13™) server in Hardware Announcement [ZG15-0001](#), dated January 14, 2015, IBM[®] is providing:

- A new Technology Transition Offering (TTO) called Technology Update Pricing for the z13
- One new and one revised Transition Charges for Sysplexes TTOs for actively coupled Parallel Sysplexes (z/OS[®]) and Loosely Coupled Complexes (z/TPF)

Technology Update Pricing for the z13 uses the reporting mechanisms and existing Millions of Service Units per hour (MSU) tiers of the Advanced Workload License Charges (AWLC) pricing metric while extending the software price-performance provided for the z13.

The three Technology Transition Offerings apply only to eligible z/OS and z/TPF operating systems and their associated middleware programs (refer to the **Programs eligible for AWLC** section) when running in the following configurations:

- On a stand-alone z13 server
- In an aggregated z/OS Parallel Sysplex[®], hereafter referred to as sysplex, with a z13 server
- In an aggregated z/TPF Loosely Coupled Complex, hereafter referred to as complex, with a z13 server

Benefits of Technology Update Pricing for the z13:

- Reduces AWLC pricing on the z13 as compared to AWLC on the IBM zEnterprise[®] EC12 (zEC12) and IBM zEnterprise 196 (z196) servers with greater than 3 MSUs
- Offers sub-capacity or full-capacity implementation

If you are operating a single, stand-alone z13 server, you may elect Technology Update Pricing for the z13 or Parallel Sysplex License Charges (PSLC), subject to all applicable terms and conditions.

If you are operating only z13 servers in an actively coupled z/OS Parallel Sysplex or a z/TPF Loosely Coupled Complex, you may elect aggregated Technology Update Pricing for the z13 or aggregated Parallel Sysplex License Charges (PSLC). Both options are subject to all applicable terms and conditions.

Benefits of new and revised Transition Charges for Sysplexes:

- Offers actively coupled Parallel Sysplexes and Loosely Coupled Complexes with different generations of server hardware technology partial benefits of Technology Update Pricing for the z13

- Offers sub-capacity or full-capacity implementation

The **AWLC Transition Charges for Sysplexes (TC3)** program provides a reduction in aggregated AWLC as you upgrade to z13 servers within actively coupled Parallel Sysplexes or Loosely Coupled Complexes with a mix of z Systems™ server technologies including one or more z13 servers with one or more zEC12 or zBC12 servers.

Aggregated Technology Update Pricing for the z13 is not available for actively coupled Parallel Sysplexes or Loosely Coupled Complexes until all of the servers in the sysplex or complex are upgraded to z13 servers.

The **AWLC Transition Charges for Sysplexes (TC2)** program provides a reduction in aggregated AWLC as you upgrade to z13 servers within actively coupled Parallel Sysplexes or Loosely Coupled Complexes with a mix of z Systems server technologies that includes both of the following:

- One or more z13, zEC12, or zBC12 servers
- One or more z196 or z114 servers

Aggregated Technology Update Pricing for the z13 is not available for actively coupled Parallel Sysplexes or Loosely Coupled Complexes until all of the servers in the sysplex or complex are upgraded to z13 servers.

Key prerequisites

- Technology Update Pricing for the z13 is available only for single, stand-alone z13 servers, actively coupled z/OS Parallel Sysplexes (that consist only of z13 servers), or z/TPF Loosely Coupled Complexes (that consist only of z13 servers).
- Technology Update Pricing for the z13 and Transition Charges for Sysplexes apply only to specified eligible software programs that are included on the **Programs Eligible for AWLC** list.

Effective date

February 16, 2015

Description

Three TTOs are available consisting of Technology Update Pricing for the z13, as well as one new and one revised Transition Charges for Sysplexes programs.

Within this announcement, a "TTO-eligible environment" refers to eligible z/OS and z/TPF operating systems and their associated middleware programs (as listed in the **Programs eligible for AWLC** section) when running in the following configurations priced with AWLC:

- On a stand-alone z13 server
- In an aggregated z/OS Parallel Sysplex with a z13 server
- In an aggregated z/TPF Loosely Coupled Complex with a z13 server

Technology Update Pricing for the z13

When stand-alone z13 servers are priced with AWLC, or when all the servers in an actively coupled Parallel Sysplex or in a Loosely Coupled Complex are z13 servers priced with AWLC, these servers receive a reduction to AWLC pricing, which is called Technology Update Pricing for the z13.

Technology Update Pricing for the z13 is a monthly-license-charge price structure available for eligible software programs running on a z13 server. Technology Update

Pricing for the z13 applies to z/OS operating system software and many of its associated middleware software programs, such as CICS^(R), DB2^(R), and IMSTM.

Technology Update Pricing for the z13 also applies to the z/TPF and its associated z/TPFDF programs. Other IBM operating systems and associated middleware software programs continue to be licensed and priced based on previously announced charge structures.

For details, refer to the **Programs eligible for AWLC** section.

As an enhancement to AWLC, previously announced in Software Announcement [ZP10-0307](#), dated July 22, 2010, Technology Update Pricing for the z13 may be implemented in full-capacity or sub-capacity mode under the previously announced terms.

- Full-capacity: Monthly charges for Technology Update Pricing for the IBM z13-priced programs are based on the total MSU capacity of the z13 server. To view the IBM MSU ratings for the z13 servers, visit the Mainframe Exhibits section of the System z^(R) Software Contracts website at <http://ibm.com/systems/z/swprice/reference/exhibits/hardware.html>
- Sub-capacity: Monthly charges for Technology Update Pricing for the z13-priced software programs are based on the highest number of MSUs utilized by the combined Logical Partitions (LPARs) in which the Technology Update Pricing for the z13 program executes during a reporting period. LPAR MSU utilization is measured by the Sub-Capacity Reporting Tool (SCRT) using the highest observed rolling 4-hour average MSUs utilization. Customers choosing sub-capacity pricing must use SCRT to generate sub-capacity reports and submit these reports to IBM each month. Additional customer responsibilities under sub-capacity pricing are specified in the ICA Attachment for IBM System zAWLC (Z125-8538).

For more information about SCRT, refer to

<http://ibm.com/systems/z/swprice/subcap/scrt>

Schedule of AWLC reductions for Technology Update Pricing for the z13 (TU3)

Quantity of z13 Full-Capacity MSUs for a stand-alone server, or the sum of Full-Capacity MSUs in an actively coupled z/OS Parallel Sysplex or z/TPF Loosely Coupled Complexes made up entirely of z13 servers	Reduction in monthly AWLC
4 - 45 MSUs	4.0%
46 - 315 MSUs	8.0%
316 - 1315 MSUs	9.0%
1316 - 2676 MSUs	10.0%
2677 - 5476 MSUs	12.0%
5477 - more MSUs	14.0%

The number of MSUs used to determine either the MSUs of a stand-alone z13 server or the total MSUs of a z13 Parallel Sysplex or Loosely Coupled Complex are based on the announced IBM full-capacity ratings that can be found on the Mainframe Exhibits section of the System z Software Contracts website at

<http://ibm.com/systems/z/swprice/reference/exhibits/hardware.html>

AWLC Transition Charges for Sysplexes offerings

The AWLC Transition Charges for Sysplexes (TC2) offering, previously announced in Software Announcements [ZP12-0416](#), dated August 28, 2012 and [ZP12-0550](#), dated October 03, 2012, is updated to include the z13 and a new **Transition Charges for Sysplexes (TC3)** offering is available.

Current Transition Charges for Sysplex variations include:

- **Transition Charges for Sysplexes (TC2)**

When two or more servers comprise a TTO-eligible environment consisting only of one or more z13, zEC12, or zBC12 servers with one or more z196 or z114 servers, those servers receive a reduction to AWLC pricing. This reduction provides a portion of the price-performance benefit related to Technology Update Pricing for AWLC, based on the proportion of z13, zEC12, and zBC12 server capacity within the TTO-eligible environment.

The number of MSUs used to determine the total MSUs for the Parallel Sysplex or Loosely Coupled Complex are based on the announced IBM full-capacity ratings that can be found on the Mainframe Exhibits section of the System z Software Contracts website at

<http://ibm.com/systems/z/swprice/reference/exhibits/hardware.html>

Schedule of AWLC reductions for Transition Charges for Sysplexes (TC2)

Percentage of z13, zEC12, and zBC12 Full-Capacity MSUs in an actively coupled Parallel Sysplex or Loosely Coupled Complex	Reduction in monthly AWLC
> 0 - 20%	0.5%
21 - 40%	1.5%
41 - 60%	3.0%
61 - 80%	4.0%
81 - < 100%	4.5%

To find the percentage of z13, zEC12, and zBC12 full-capacity MSUs:

1. Add the total MSUs of all the servers in the sysplex or complex.
2. Divide the sum of the z13, zEC12, and zBC12 MSUs by the total MSUs in the sysplex or complex.
3. The result of the calculation must be rounded to the nearest whole percent. Using standard rounding rules, fractions of a percent of 0.5 or more are rounded up and fractions of a percent less than 0.5 are rounded down. Rounding examples:
 - 0.204999 rounds down to 20%
 - 0.205000 rounds up to 21%
 - 0.404999 rounds down to 40%
 - 0.405000 rounds up to 41%
4. Refer to the Schedule of AWLC reductions section to determine the applicable reduction.

- **Transition Charges for Sysplexes (TC3)**

When two or more servers comprise a TTO-eligible environment consisting only of one or more z13 servers with one or more zEC12 or zBC12 servers, those servers receive a reduction to AWLC pricing. This reduction provides a portion of the price-performance benefit related to Technology Update Pricing for the z13, based on the total full-capacity MSUs of all z13, zEC12, and zBC12 machines in the TTO-eligible environment.

The number of MSUs used to determine the total MSUs for the Parallel Sysplex or Loosely Coupled Complex are based on the announced IBM full-capacity ratings that can be found on the Mainframe Exhibits section of the System z Software Contracts website at

<http://ibm.com/systems/z/swprice/reference/exhibits/hardware.html>

Schedule of AWLC reductions for Transition Charges for Sysplexes (TC3)

Quantity of z13, zEC12, and zBC12 Full-Capacity MSUs in an actively coupled Parallel Sysplex	Reduction in monthly AWLC
4 - 45 MSUs	2.8%
46 - 315 MSUs	5.6%
316 - 1315 MSUs	6.3%
1316 - 2676 MSUs	7.0%
2677 - 5476 MSUs	8.4%
5477 - more MSUs	9.8%

• Transition Charges for Sysplexes (TC1)

The TC1 offering is unchanged with this announcement. For details, refer to Software Announcements [ZP12-0416](#), dated August 28, 2012 and [ZP12-0550](#), dated October 03, 2012.

Rules for MSUs under Technology Transition Offerings

All MSUs used in determining Technology Update Pricing for the z13, Transition Charges for Sysplexes (TC2), and Transition Charges for Sysplexes (TC3) exclude capacity related to specialty engines, unassigned capacity, and temporary capacity such as, but not limited to, "Capacity Back Up", "Capacity for Planned Events", and "On/Off CoD".

Rules for aggregation under Technology Transition Offerings

Aggregation of product MSUs across multiple z Systems servers is allowed if the servers meet the actively coupled z/OS Parallel Sysplex definition rules in the Attachment for System z AWLC (Z125-8538), or the z/TPF Loosely Coupled Complex definition rules in the Amendment for Aggregation of Charges for z/TPF (Z125-7357).

z/OS or z/TPF must be licensed and running in z/Architecture[®] (64-bit) mode on each of the z Systems servers of a Parallel Sysplex or a Loosely Coupled Complex receiving aggregated Technology Update Pricing for the z13, or aggregated AWLC under Transition Charges for Sysplexes (TC2) or Transition Charges for Sysplexes (TC3). Flat Workload License Charges (FWLC) products do not aggregate MSUs since their charge is independent of machine size or LPAR utilization.

Terms and conditions

All terms and conditions associated with Technology Update Pricing for the z13, sub-capacity pricing, Transition Charges for Sysplexes, the Attachment for System z AWLC, and the IBM Customer Agreement apply.

In conjunction with software programs implemented with Technology Update Pricing for the z13, programs having FWLC will continue to be charged using FWLC. These programs have one flat monthly charge per z Systems server, independent of the size of the machine to which the program is licensed.

System z New Application License Charges (zNALC) and Select Application License Charges (SALC) remain available for their respective eligible programs under their respective terms and conditions on servers with Technology Update Pricing for the z13.

The following document has been updated specifically for the three Technology Transition Offerings, consisting of Technology Update Pricing for the z13 and the new and revised Transition Charges for Sysplexes program variations:

- Supplement for Technology Transition Offerings to Attachment for IBM System z Advanced Workload License Charges (Z125-8994)

AWLC terms and conditions described in the following documents apply to Technology Update Pricing for the z13 and all Transition Charges for Sysplexes program variations:

- Attachment for IBM System z Advanced Workload License Charges (Z125-8538)

- IBM System z Advanced Workload License Charges Exhibit (Z125-8539)

Parallel Sysplex License Charges (PSLC) are available as an alternative charge metric for eligible software programs running on a z13 server. If available for your specific configuration, you have a choice of selecting either AWLC or PSLC, but not both, for your IBM software programs within the z/OS or z/TPF operating system families on a z13 server. In conjunction with software programs implemented with PSLC, z Systems Usage Pricing Charges remain available for your respective eligible programs under z Systems Usage Pricing Charges terms and conditions.

Programs eligible for AWLC

Note: Program eligibility is subject to product availability, including new programs that become eligible for AWLC.

Software Offering (SWO)	Entitlement Entity (EE)	Description
5655Y04	S0172DF	CICS Transaction Server for z/OS, V5.1
5655S97	S015H9T	CICS Transaction Server for z/OS, V4.1
5655M15	S0118T7	CICS Transaction Server for z/OS, V3.2
5697E93	S00T7FK	CICS Transaction Server for z/OS, V2
5655147	S001CVJ	CICS Transaction Server for OS/390 ^(R) , v1
5655018	S00151M	CICS/ESA V4 - CICS ONC RPC
5655018	S00151N	CICS/ESA V4 - CICS/ESA V4
5655W32	S0177FX	Enterprise COBOL for z/OS, V5
5655S71	S014DVZ	Enterprise COBOL for z/OS, V4
5655G53	S00VXNM	Enterprise COBOL for z/OS, V3 - Full Function
5655G53	S00VXNN	Enterprise COBOL for z/OS, V3 - Alternate Function
5648A25	S001FGH	COBOL for OS/390 and VM, V2 - Full Function
5648A25	S001FGK	COBOL for OS/390 and VM, V2 - Alternate Function
5615DB2	S0171R2	DB2 for z/OS, V11
5615DB2	S0171R4	DB2 for z/OS, V11 - QMF TM Enterprise Edition
5615DB2	S0171R3	DB2 for z/OS, V11 - QMF Classic Edition
5605DB2	S015SW2	DB2 for z/OS, V10
5605DB2	S015SW3	DB2 for z/OS, V10 - QMF Enterprise Edition
5605DB2	S017HFT	- QMF Enterprise Edition: V11
5605DB2	S015SW4	DB2 for z/OS, V10 - QMF Classic Edition
5605DB2	S017HFV	- QMF Classic Edition: V11
5635DB2	S011XS0	DB2 for z/OS, V9
5635DB2	S012J7P	DB2 for z/OS, V9 - QMF Enterprise Edition
5635DB2	S012J7R	DB2 for z/OS, V9 - QMF Classic Edition
5635DB2	S015SLL	DB2 for z/OS, V9 - QMF Enterprise Edition: V10
5635DB2	S015SLK	DB2 for z/OS, V9 - QMF Classic Edition: V10
5625DB2	S00X44M	DB2 UDB for z/OS, V8
5625DB2	S00X44N	DB2 UDB for z/OS, V8 - QMF Enterprise Edition
5625DB2	S00X44P	DB2 UDB for z/OS, V8 - QMF Distributed Edition
5625DB2	S00X44R	DB2 UDB for z/OS, V8 - QMF Classic Edition
5625DB2	S010TGB	DB2 UDB for z/OS, V8 - DB2 Net Search Extender
5675DB2	S00SN65	DB2 UDB for OS/390, V7

5675DB2	S00SN6L	DB2 UDB for OS/390, V7 - DB2 Warehouse Manager
5675DB2	S00SN6M	DB2 UDB for OS/390, V7 - QMF for OS/390
5675DB2	S00SN6S	DB2 UDB for OS/390, V7 - QMF for Windows™ feature of QMF
5675DB2	S00SN6X	DB2 UDB for OS/390, V7 - QMF for Windows feature of DB2
5675DB2	S00TZJH	DB2 UDB for OS/390, V7 - DB2 Net Search Extender
5675DB2	S00VWTB	DB2 UDB for OS/390, V7 - QMF HPO V7.1.1
5645DB2	S00087N	DB2 UDB for OS/390, V6
5645DB2	S00087G	DB2 UDB for OS/390, V6 - QMF HPO Buy
5645DB2	S00087J	DB2 UDB for OS/390, V6 - QMF for Windows-No QMF License
5645DB2	S00087M	DB2 UDB for OS/390, V6 - QMF for Windows w/QMF License
5645DB2	S00087P	DB2 UDB for OS/390, V6 - QMF for OS/390
5645DB2	S00V5XB	DB2 UDB for OS/390, V6 - Net Search Extender
5645DB2	S00VWVP	DB2 UDB for OS/390, V6 - QMF for OS/390, V7
5645DB2	S00VWVT	DB2 UDB for OS/390, V6 - QMF for Windows V7 (Feature of DB2)
5645DB2	S00VWVW	DB2 UDB for OS/390, V6 - QMF for Windows V7 (Feature of QMF)
5645DB2	S00VWVZ	DB2 UDB for OS/390, V6 - QMF HPO V7
5655DB2	S001FJ7	DB2 for OS/390, V5
5655DB2	S001FJ8	DB2 for OS/390, V5 - DB2 Performance Monitor
5655DB2	S00MVJ2	DB2 for OS/390, V5 - QMF for Windows V6 F/C
5655DB2	S00MVJ4	DB2 for OS/390, V5 - QMF for Windows V6 with Host QMF prereq
5695DB2	S00184N	DB2 for MVS/ESA, V4
5635A05	S017K8D	IMS V14 - QPP IMS Transaction Manager
5635A05	S017K88	IMS V14 - QPP IMS Database Manager
5635A05	S017K8B	IMS V14 - QPP IMS Extended Terminal Option
5635A05	S017K8C	IMS V14 - QPP IMS Recovery Level Tracking
5635A05	S017K89	IMS V14 - QPP IMS DB-Level Tracking
5635A04	S0171RX	IMS V13 - IMS Transaction Manager
5635A04	S0171RS	IMS V13 - IMS Database Manager
5635A04	S0171RV	IMS V13 - IMS Extended Terminal Option
5635A04	S0171RW	IMS V13 - IMS Recovery Level Tracking
5635A04	S0171RT	IMS V13 - IMS DB-Level Tracking
5635A03	S0166J3	IMS V12 - IMS Transaction Manager
5635A03	S0166J4	IMS V12 - IMS Database Manager
5635A03	S0166J1	IMS V12 - IMS Extended Terminal Option
5635A03	S0166J2	IMS V12 - IMS Recovery Level Tracking
5635A03	S0166J5	IMS V12 - IMS DB-Level Tracking
5635A02	S0152Z0	IMS V11 - IMS Transaction Manager
5635A02	S0152Z1	IMS V11 - IMS Database Manager
5635A02	S0152XX	IMS V11 - IMS Extended Terminal Option
5635A02	S0152XZ	IMS V11 - IMS Recovery Level Tracking
5635A02	S0152Z2	IMS V11 - IMS DB-Level Tracking
5635A01	S012K9B	IMS V10 - IMS Transaction Manager
5635A01	S012K9W	IMS V10 - IMS Database Manager
5635A01	S012KB0	IMS V10 - IMS Extended Terminal Option
5635A01	S012K9Z	IMS V10 - IMS Recovery Level Tracking
5635A01	S012K9X	IMS V10 - IMS DB-Level Tracking
5655J38	S0108VV	IMS V9 - IMS Transaction Manager
5655J38	S0108VK	IMS V9 - IMS Database Manager
5655J38	S0108VP	IMS V9 - IMS Extended Terminal Option
5655J38	S0108VS	IMS V9 - IMS Recovery Level Tracking
5655J38	S0108VM	IMS V9 - IMS DB-Level Tracking

5655C56	S00W274	IMS V8 - IMS Transaction Manager
5655C56	S00W276	IMS V8 - IMS Database Manager
5655C56	S00W277	IMS V8 - IMS Extended Terminal Option
5655C56	S00W278	IMS V8 - IMS Recovery Level Tracking
5655C56	S00W275	IMS V8 - IMS DB-Level Tracking
5655B01	S00TBGB	IMS V7 - IMS Transaction Manager
5655B01	S00TBG7	IMS V7 - IMS Database Manager
5655B01	S00TBG6	IMS V7 - IMS Extended Terminal Option
5655B01	S00TBG8	IMS V7 - IMS Recovery Level Tracking
5655B01	S00TBG9	IMS V7 - IMS DB-Level Tracking
5655158	S001CFT	IMS/ESA ^(R) V6 - IMS/ESA Transaction Manager
5655158	S001CFP	IMS/ESA V6 - IMS/ESA Database Manager
5655158	S001CFR	IMS/ESA V6 - IMS/ESA V6 Extended Terminal Option
5655158	S001CFN	IMS/ESA V6 - IMS/ESA Recovery Level Tracking
5655158	S001CFS	IMS/ESA V6 - IMS/ESA DB-Level Tracking
5695176	S00150D	IMS/ESA V5 - IMS/ESA Transaction Manager
5695176	S00150G	IMS/ESA V5 - IMS/ESA Database Manager
5695176	S00150H	IMS/ESA V5 - IMS/ESA Extended Terminal Option
5695176	S00150F	IMS/ESA V5 - IMS/ESA Recovery Level Tracking
5695176	S00150J	IMS/ESA V5 - IMS/ESA DB-Level Tracking
5695176	S00150K	IMS/ESA V5 - IMS/ESA Surveyor Feature
5655S17	S01489W	Debug Tool for z/OS, V8
5655R44	S012PVX	Debug Tool for z/OS, V7
5655P14	S0121TL	Debug Tool for z/OS, V6
5655M18	S011CMT	Debug Tool for z/OS, V5
5655L24	S0109LN	Debug Tool for z/OS, V4
5655H32	S00X8FN	Debug Tool for z/OS and OS/390, V3
5655W67	S0166DJ	Enterprise PL/I for z/OS, V4
5655H31	S00W183	Enterprise PL/I for z/OS and OS/390, V3 - Full Function
5655H31	S00W184	Enterprise PL/I for z/OS and OS/390, V3 - Alternate Function
5655B22	S00S8F5	VisualAge ^(R) PL/I for OS/390, V2 - Full Function
5655B22	S00S8F4	VisualAge PL/I for OS/390, V2 - Alternate Function
5697NQZ	S012B7X	WebSphere ^(R) MQ Extended Security Edition V6
5697NQZ	S012B80	WebSphere MQ Extended Security Edition V6 - Client Attachment
5697MQZ	S010N7W	WebSphere MQ Extended Security Edition V5
5697MQZ	S010N7T	WebSphere MQ Extended Security Edition V5 - Client Attachment
5655W97	S017F7P	WebSphere MQ for z/OS, V8
5655R36	S014V9Z	WebSphere MQ for z/OS, V7
5655R36	S014VB0	WebSphere MQ for z/OS, V7 - Client Attachment
5655L82	S011P8R	WebSphere MQ for z/OS, V6
5655L82	S011P8T	WebSphere MQ for z/OS, V6 - Client Attachment
5655F10	S00TDF5	WebSphere MQ for z/OS, V5
5655F10	S00TDFD	WebSphere MQ for z/OS, V5 - Client Attachment
5655A95	S00NB8L	MQSeries ^(R) for OS/390, V2
5655A95	S00NB8K	MQSeries for OS/390, V2 - Client Attachment
5695137	S000PX4	MQSeries for MVS/ESA, V1
5695137	S000PX3	MQSeries for MVS/ESA, V1 - Client Attachment
5697NV6	S016RPV	Tivoli ^(R) NetView ^(R) for z/OS, V6
5697NV6	S016RPM	Tivoli NetView for z/OS, V6 - TEMA
5697ENV	S00WM20	Tivoli NetView for z/OS, V5
5697ENV	S0148PZ	Tivoli NetView for z/OS, V5 - TEMA

5697B82	S001FFC	Tivoli NetView for OS/390 - Enterprise
5697B82	S001FFD	Tivoli NetView for OS/390 - Unattended
5697B82	S001FFF	Tivoli NetView for OS/390 - Procedural
5650ZOS	S01728S	z/OS V2 Base
5650ZOS	S01728T	z/OS V2 Alternate Base
5650ZOS	S01728V	z/OS V2 BDT FTF
5650ZOS	S01728W	z/OS V2 BDT SNA NJE
5650ZOS	S01728X	z/OS V2 BookManager ^(R) Build
5650ZOS	S01728Z	z/OS V2 XL C/C ++
5650ZOS	S017290	z/OS V2 DFSMS dss
5650ZOS	S017291	z/OS V2 DFSMS dsshsm
5650ZOS	S017292	z/OS V2 DFSMS rmm
5650ZOS	S017293	z/OS V2 DFSMStvs
5650ZOS	S017294	z/OS V2 DFSORT
5650ZOS	S017295	z/OS V2 GDDM-PGF
5650ZOS	S017296	z/OS V2 GDDM-REXX
5650ZOS	S017297	z/OS V2 HCM
5650ZOS	S017298	z/OS V2 HLASM Toolkit
5650ZOS	S017299	z/OS V2 Infoprint Server
5650ZOS	S01729B	z/OS V2 JES3
5650ZOS	S01729C	z/OS V2 RMF TM
5650ZOS	S01729D	z/OS V2 SDSF
5650ZOS	S01729F	z/OS V2 Security Server
5650ZOS	S01780D	z/OS V2 zEDC
5694A01	S00T4FR	z/OS V1 Base
5694A01	S00T4FS	z/OS V1 Alternate Base
5694A01	S00T4FT	z/OS V1 BDT FTF
5694A01	S00T4FV	z/OS V1 BDT SNA NJE
5694A01	S00T4FW	z/OS V1 BookManager Build
5694A01	S00T4FX	z/OS V1 C/C++ with Debug
5694A01	S00T4FZ	z/OS V1 C/C++ without Debug
5694A01	S00T4G0	z/OS V1 DFSMS dsshsm
5694A01	S00T4G1	z/OS V1 DFSMS rmm
5694A01	S00T4G2	z/OS V1 DFSMS dss
5694A01	S00T4G3	z/OS V1 DFSORT
5694A01	S00T4G4	z/OS V1 GDDM-PGF
5694A01	S00T4G5	z/OS V1 GDDM-REXX
5694A01	S00T4G8	z/OS V1 Infoprint Server
5694A01	S00T4G9	z/OS V1 JES3
5694A01	S00T4GB	z/OS V1 RMF
5694A01	S00T4GC	z/OS V1 SDSF
5694A01	S00T4GD	z/OS V1 SOMobjects ^(R) ADE
5694A01	S00T4GF	z/OS V1 Security Server
5694A01	S010776	z/OS V1 DFSMStvs
5645006	S00SNWR	Tivoli System Automation for OS/390, V2
5645005	S000V5N	System Automation for OS/390, V1
5695068	S000BKC	Airline Control System V2
5697WSZ	S00W0CT	Tivoli workload Scheduler for z/OS, V8
5697WSZ	S00W0CV	Tivoli workload Scheduler for z/OS, V8 - Engine + Language
5697WSZ	S00W0CW	Tivoli workload Scheduler for z/OS, V8 - End2End Enabler
56970PC	S001FDV	Tivoli Operations Planning and Control V2 - Comm + Lang
56970PC	S001FDW	Tivoli Operations Planning and Control V2 - Agent + Enabler
56970PC	S001FDX	Tivoli operations Planning and Control V2 - Tracker
5706254	S00066F	Query Management Facility TM for MVS TM , V3 - HPO Manager
5706254	S00066G	Query Management Facility for MVS, V3 - QMF for windows
5706254	S00066H	Query Management Facility for MVS, V3 - HPO Complete

5706254	S00066J	Query Management Facility for MVS, v3 - HPO Compiler
5706254	S00066K	Query Management Facility for MVS, v3 - QMF for MVS, v3
5799GKY	S00TN86	MQSeries for OS/390 - PRPQ
5748F15	S011DWP	z/Transaction Processing Facility Database Facility
5748T15	S011DWM	z/Transaction Processing Facility Enterprise Edition - HPO
5748T15	S011DWN	z/Transaction Processing Facility Enterprise Edition
5655P97	S01243R	IBM Encryption Facility for z/OS, v1
5655P97	S01256T	IBM Encryption Facility for z/OS, v1 - dss
5655043	S00135C	Tivoli NetView Performance Monitor V2
5655043	S00135D	Tivoli NetView Performance Monitor V2 - NRDC
5655S73	S0144DV	Lotus ^(R) Domino ^(R) for z/OS, v8
5655N14	S011DT8	Lotus Domino for z/OS, v7
5655K36	S00XJ4K	Lotus Domino for z/OS, v6
5655B86	S00RXVG	Lotus Domino for S/390 ^(R) , v5

Reference information

For a list of software programs that are eligible for ALWC, refer to the **Programs eligible for AWLC** section in this announcement.

For information about machine exhibits, visit the Mainframe Exhibits section of the Software Contracts for IBM z13 website at

<http://ibm.com/systems/z/swprice/reference/exhibits/hardware.html>

For information about the IBM z13, refer to Hardware Announcement [ZG15-0001](#), dated January 14, 2015.

For Technology Update Pricing for AWLC previously announced, refer to Software Announcements [ZP12-0416](#), dated August 28, 2012 and [ZP12-0550](#), dated October 03, 2012.

Announcement countries

All European, Middle Eastern, and African countries except Islamic Republic of Iran, Sudan, and Syrian Arab Republic.

Trademarks

IMS, QMF, RMF, Query Management Facility and MVS are trademarks of IBM Corporation in the United States, other countries, or both.

IBM, z/OS, Parallel Sysplex, S/390, CICS, DB2, System z, Current, z/Architecture, OS/390, IMS/ESA, VisualAge, WebSphere, MQSeries, Tivoli, NetView, BookManager, SOMobjects, Lotus and Domino are registered trademarks of IBM Corporation in the United States, other countries, or both.

Windows is a trademark of Microsoft Corporation in the United States, other countries, or both.

Other company, product, and service names may be trademarks or service marks of others.

Terms of use

IBM products and services which are announced and available in your country can be ordered under the applicable standard agreements, terms, conditions, and prices in effect at the time. IBM reserves the right to modify or withdraw this announcement at any time without notice. This announcement is provided for your information only. Reference to other products in this announcement does not necessarily imply those products are announced, or intend to be announced, in your country. Additional terms of use are located at

[Terms of use](#)

For the most current information regarding IBM products, consult your IBM representative or reseller, or visit the IBM worldwide contacts page

<http://www.ibm.com/planetwide/>