



# Advanced Entry Workload License Charges offers price/performance for the IBM zEnterprise z114

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## Overview

Coinciding with the announcement of the IBM® zEnterprise™ 114 (z114) server, IBM introduces a new software pricing structure called Advanced Entry Workload License Charges (AEWLC). The AEWLC pricing metric leverages the reporting mechanisms and existing Millions of Service Units per hour (MSU) tiers of the Entry Workload License Charges (EWLC) pricing metric and the Midrange Workload License Charges (MWLC) pricing metric while extending the software price/performance provided by EWLC and MWLC. AEWLC applies only to eligible z/OS®, z/TPF, and z/VSE™ operating systems and their associated middleware programs when running on a z114 server. For details, refer to the [Programs eligible for AEWLC](#) section. EWLC and MWLC are not available for a single, standalone z114 server.

Benefits of AEWLC can include:

- Reducing prices versus EWLC
- Improving unit costs, versus EWLC, for eligible monthly license charges (MLC) for IBM z/OS and middleware programs with more than 315 MSUs
- Reducing prices versus MWLC above three MSUs
- Offering sub-capacity or full-capacity implementation
- Exploiting Integrated Workload Pricing (IWP) enhancements to sub-capacity pricing for eligible z/OS workloads
  - For more information about IWP, refer to Software Announcement [211-011](#), dated January 18, 2011.

If you are operating a z114 in an actively coupled Parallel Sysplex®, you may elect aggregated Advanced Workload License Charges (AWLC) pricing or aggregated Parallel Sysplex License Charges (PSLC) pricing, subject to all applicable terms and conditions. If you select aggregated pricing, then AEWLC and Tiered Entry Workload License Charges (TWLC) pricing metrics do not apply.

For actively coupled Parallel Sysplexes with a mix of System z® hardware technologies (one or more z114 servers with one or more System z10® Enterprise Class (z10™ EC), System z9® Enterprise Class (z9™ EC), System z10 Business Class (z10 BC), or System z9 Business Class (z9 BC) servers), the AWLC Transition Charges for Sysplexes program provides aggregated Variable Workload License Charges (VWLC) pricing along with a reduction in VWLC as you upgrade machines to z114 or IBM zEnterprise 196 (z196) servers. Aggregated AWLC pricing is not available for actively coupled Parallel Sysplexes until all of the servers in the sysplex are upgraded to z114 or z196 servers.

For ordering, contact your IBM representative or an IBM Business Partner. For more information, contact the Americas Call Centers at 800-IBM-CALL (426-2255).

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## Key prerequisites

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- AEWLC is available only for single, stand-alone z114 servers.
- AEWLC applies only to specified eligible software programs that are included on the Programs Eligible for AEWLC list.

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## Planned availability date

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July 12, 2011

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## Description

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Advanced Entry Workload License Charges (AEWLC) is a monthly license charge price metric available for eligible software programs running on an IBM zEnterprise 114 (z114) server. AEWLC applies to z/OS operating system software and many of its associated middleware software programs, such as CICS®, DB2®, and IMS™. AEWLC also applies to the z/TPF and z/VSE operating systems and associated middleware software programs.

For details, refer to the [Programs eligible for AEWLC](#) section.

Similar to Entry Workload License Charges (EWLC) and Midrange Workload License Charges (MWLC), AEWLC may be implemented in full-capacity or sub-capacity mode.

- Full-capacity: Monthly charges for AEWLC-priced programs are based on the total MSU capacity of the z114 server. To view the IBM MSU ratings for the z114 servers, visit the Mainframe Exhibits section of the System z Software Contracts website at <http://ibm.com/systems/z/swprice/reference/exhibits/hardware.html>
- Sub-capacity: Monthly charges for AEWLC-priced software programs are based on the highest number of MSUs utilized by the combined Logical Partitions (LPARs) in which the AEWLC 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 z Advanced Entry Workload License Charges (Z125-8755).

For more information about SCRT, refer to

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

Similar to Advanced Workload License Charges (AWLC), AEWLC is eligible for Integrated Workload Pricing (IWP), an enhancement to the sub-capacity utilization reporting capabilities of systems running IBM z/OS, which can improve the price/performance for eligible Monthly License Charge (MLC) programs running within the same LPAR as select defining programs.

For the z/OS operating system environment, in conjunction with software programs implemented with AEWLC:

- Programs having Tiered Entry Workload License Charges (TWLC) will continue to be charged using TWLC. These programs have one flat monthly charge per IBM System z server, based on a tiered structure.
- 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 machines with AEWLC pricing.

For the z/VSE operating system environment, you may choose between AEWLC and TWLC. AEWLC may be sub-capacity or full-capacity. TWLC is always full-capacity. AEWLC would typically be selected since it offers more attractive price/performance. Once AEWLC is selected, all eligible z/VSE middleware will also be priced using AEWLC.

## **Pricing structure**

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Each AEWLC-eligible software program has a monthly license charge based on a cumulative price structure with multiple levels.

### **Advanced Entry Workload License Charges (AEWLC)**

Base charge:	Includes up to 3 MSUs
Level 1	4 - 17 MSUs
Level 2	18 - 30 MSUs
Level 3	31 - 45 MSUs
Level 4	46 - 87 MSUs
Level 5	88 - 175 MSUs
Level 6	176 - 260 MSUs
Level 7	261 - 315 MSUs
Level 8	316 - more MSUs

## **Alternatives to AEWLC for aggregated Parallel Sysplex pricing**

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AEWLC is not eligible for aggregated pricing. However, for actively coupled Parallel Sysplexes, aggregation of product MSUs across multiple z114 servers is allowed. In order to qualify for aggregated pricing, you must comply with the actively coupled Parallel Sysplex definition rules as defined in the Attachment for IBM System z Advanced Workload License Charges (Z125-8538) or the Exhibit - Parallel Sysplex License Charges (Z125-5206) and must have z/OS licensed and running in z/Architecture® (64-bit) mode on each of the z114 and other servers in the Parallel Sysplex.

When a z114 server is operating in an actively coupled Parallel Sysplex environment:

- AWLC is available as an alternative charge metric for eligible software programs running on multiple servers in an actively coupled Parallel Sysplex, which includes only z114 or z196 servers, subject to all applicable AWLC terms and conditions. AWLC is not available for stand-alone z114 servers. Also, in conjunction with AWLC, programs having Flat Workload License Charges (FWLC) will be charged using FWLC.
- For actively coupled Parallel Sysplexes with a mix of System z hardware technologies (one or more z114 or z196 servers along with one or more z10 EC, z9 EC, z10 BC, or z9 BC servers), the Transition Charges for Sysplexes program, as defined in the AWLC attachment, provides aggregated VWLC pricing along with a reduction in VWLC as you upgrade machines to z114 or z196 servers. VWLC is not available for stand-alone z114 servers. Also, in conjunction with VWLC, programs having FWLC will be charged using FWLC.
- Parallel Sysplex License Charges (PSLC) is available as an alternative charge metric for eligible software programs running on multiple servers in an actively coupled Parallel Sysplex, which includes one or more z114 servers, subject to all applicable PSLC terms and conditions. PSLC is not available for stand-alone z114 servers.
- AEWLC and TWLC charge metrics may be selected for z114 servers participating in a Parallel Sysplex, but AEWLC is not eligible for aggregated pricing and TWLC products do not aggregate MSUs.

## **Transition Charges for Sysplexes program**

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For actively coupled Parallel Sysplexes with a mix of System z hardware technologies (one or more z114 or z196 servers with one or more System z10 Enterprise Class (z10 EC), System z9 Enterprise Class (z9 EC), System z10 Business Class (z10 BC), or System z9 Business Class (z9 BC) servers), the AWLC Transition Charges

for Sysplex program provides aggregated VWLC pricing along with a reduction in VWLC as you upgrade machines to z114 or z196 servers. This reduction provides a portion of the price/performance benefit related to AWLC pricing based on the proportion of z114 or z196 server capacity in the Parallel Sysplex.

The number of MSUs used to determine both the total MSUs for the Parallel Sysplex and z114 or z196 server proportion of MSUs 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 VWLC discounts for the Transition Charges for Sysplexes**

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Percentage of AWLC-eligible full-capacity MSUs in an actively coupled Parallel Sysplex	Reduction in monthly VWLC
> 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 AWLC-eligible full capacity MSUs:

1. Add the total MSUs of all the machines in the sysplex.
2. Divide the sum of the z114 and z196 MSUs by the total MSUs in the sysplex.
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 VWLC discounts to determine the applicable discount.

### **Business Partner information**

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If you are a Direct Reseller - System Reseller acquiring products from IBM, you may link directly to Business Partner information for this announcement. A PartnerWorld ID and password are required (use IBM ID).

<https://www.ibm.com/partnerworld/mem/sla.jsp?num=211-250>

### **Terms and conditions**

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Compliance is required with all terms and conditions of AEWLC, sub-capacity pricing, the Attachment for IBM System z Advanced Entry Workload License Charges, and the IBM Customer Agreement.

Documents created specifically for AEWLC:

- Attachment for IBM System z Advanced Entry Workload License Charges (Z125-8755)

Applicable terms and conditions described in the following document apply when customers choose to implement IWP:

- Addendum for Integrated Workload Pricing to Attachment for IBM System z Advanced Entry Workload License Charges (Z125-8756)

Terms and conditions described in the following documents (as applicable) apply when alternatives to AEWLC are selected for software on z114 servers:

- Attachment for IBM System z Advanced Workload License Charges (Z125-8538)
- IBM System z Advanced Workload License Charges Exhibit (Z125-8539)
- Attachment for IBM System z Workload License Charges (Z125-6516)
- IBM System z Workload License Charges Exhibit (Z125-6324)
- Attachment for Parallel Sysplex License Charges (Z125-5205)
- Exhibit - Parallel Sysplex License Charges (Z125-5206)

### **Programs eligible for AEWLC**

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

Software Offering (SWO)	Entitlement Entity (EE)	Description
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® V1
5655018	S00151M	CICS/ESA® V4 - CICS ONC RPC
5655018	S00151N	CICS/ESA V4 - CICS/ESA V4
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
5605DB2	S015SW2	DB2 V10 for z/OS
5606DB2	S015SW3	DB2 V10 for z/OS - QMF™ Enterprise Edition
5605DB2	S015SW4	DB2 V10 for z/OS - QMF Classic Edition
5635DB2	S011XS0	DB2 V9 for z/OS
5635DB2	S012J7P	DB2 V9 for z/OS - QMF Enterprise Edition
5635DB2	S012J7R	DB2 V9 for z/OS - QMF Classic Edition
5635DB2	S015SLL	DB2 V9 for z/OS - QMF Enterprise Edition: V10
5635DB2	S015SLK	DB2 V9 for z/OS - 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® feat 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 Version 7.1.1
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 Lic.
5645DB2	S00087M	DB2 UDB for OS/390 V6 - QMF for windows w/QMF Lic
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 Version 7
5645DB2	S00VWVT	DB2 UDB for OS/390 V6 - QMF for win V7 (Feat of DB2)
5645DB2	S00VWVW	DB2 UDB for OS/390 V6 - QMF for win V7 (Feat of QMF)
5645DB2	S00VWVZ	DB2 UDB for OS/390 V6 - QMF HPO Version 7
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 win V6 F/C
5655DB2	S00MVJ4	DB2 for OS/390 V5 - QMF win V6 w Host QMF prereq
5695DB2	S00184N	DB2 for MVS/ESA™ V4
5635A02	S0152Z0	IMS V11 - IMS Transaction Manager
5635A02	S0152Z1	IMS V11 - IMS Database Manager
5635A02	S0152XX	IMS V11 - IMS Extended Term Opt
5635A02	S0152XZ	IMS V11 - IMS Recov Lvl 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 Term Opt
5635A01	S012K9Z	IMS V10 - IMS Recov Lvl 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 Term Opt
5655J38	S0108VS	IMS V9 - IMS Recov Lvl 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 Term Opt
5655C56	S00W278	IMS V8 - IMS Recov Lvl 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 Term Opt
5655B01	S00TBG8	IMS V7 - IMS Recov Lvl Tracking
5655B01	S00TBG9	IMS V7 - IMS DB-Level Tracking
5655158	S001CFT	IMS/ESA® V6 - IMS/ESA Transaction Manager
5655158	S001CFP	IMS/ESA V6 - IMS/ESA Database Manager
5655158	S001CFR	IMS/ESA Version 6 - IMS/ESA V6 Ext Terminal Opt
5655158	S001CFN	IMS/ESA Version 6 - IMS/ESA Recov Lvl Tracking
5655158	S001CFS	IMS/ESA Version 6 - 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 Term Opt

5695176	S00150F	IMS/ESA V5 - IMS/ESA Recov Lvl 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 V4 for z/OS
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® PL/I for OS/390 V2 - Full Function
5655B22	S00S8F4	VisualAge PL/I for OS/390 V2 - Alternate Function
5697NQZ	S012B7X	websphere® 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
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® 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® NetView® 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
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	S00T4G6	z/OS V1 HCM
5694A01	S00T4G7	z/OS V1 HLASM Toolkit
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® ADE
5694A01	S00T4GF	z/OS V1 Security Server
5694A01	S010776	z/OS V1 DFSMStvs
5645005	S000V5N	System Automation for OS/390 V1
5645006	S00SNWR	System Automation for OS/390 V2
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 + Lang
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™ for MVS™ 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 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® Domino® 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® V5
5648F66	S015D6N	Rational® COBOL RT for z/VSE
5648054	S00LRRW	CICS TS for VSE/ESA
5648099	S001808	DITTO/ESA FOR VSE
5655U97	S015B77	WS MQ for z/VSE - Base
5686A01	S001D2P	C/VSE Alt. Function Offering
5686A01	S001D2R	C/VSE Full Function Offering
5686A04	S00RZF7	TCP/IP GPS
5686A04	S001G2C	TCP/IP NFS
5686A04	S001G2D	TCP/IP Application Pak
5686A06	S00LSXZ	MQ Series for VSE/ESA™ V2R1
5686BS1	S01613M	IPv6/VSE
5686CF8	S013NPW	z/VSE Central Functions V8
5686CF8	S014BJL	Encryption Facility V1.2.0
5686065	S0005XB	ACF/VTAM V4 VSE MultiDomain
5686065	S0005X6	ACF/VTAM V4 VSE Client/Server
5686065	S0005X8	ACF/VTAM V4 VSE Inter Enterprise



5686068	S0017WM	IBM COBOL VSE/ESA
5686068	S0017WP	IBM COBOL VSE/ESA Full Function
5686069	S0017WD	IBM PL/I VSE/ESA Alt Func
5686069	S0017WG	IBM PL/I VSE/ESA Full Function
5696234	S00128N	High Level Assembler (VSE Only)
5697F42	S00T41J	DB2 Server for VSE & VM
5697F42	S00T41L	QMF for VM/VSE
5697F42	S00T41N	QMF for windows feature of DB2
5697F42	S00T41P	QMF for windows feature of QMF
5697F42	S00T41R	Control Center for VM/VSE
5697F42	S0149S3	Client Edition VSE - Primary
5697F42	S0149S6	Client Edition VM - Primary
5746SM3	S0001RX	IBM DFSORT/VSE V3
5746XX1	S0005FK	DL/I Data Language

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## Reference information

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For a list of software programs that are eligible for AEWLC, refer to the [Programs eligible for AEWLC](#) section.

For information about machine exhibits, visit the Mainframe Exhibits section of the System z Software Contracts website at

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

For information about IBM zEnterprise 114, refer to Hardware Announcement [111-136](#), dated July 12, 2011.

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## Order now

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To order, contact your local IBM representative or your IBM Business Partner.

To identify your local IBM Business Partner or IBM representative, call 800-IBM-4YOU (426-4968). For more information, contact the Americas Call Centers.

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 Fax: 800-2IBM-FAX (242-6329)  
 For IBM representative: [callserv@ca.ibm.com](mailto:callserv@ca.ibm.com)

For IBM Business Partner: [pwswna@us.ibm.com](mailto:pwswna@us.ibm.com)

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