



New SUSE Enterprise Linux offerings for IBM System x, BladeCenter, iDataPlex, and PureSystems servers

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At a glance

The new SUSE Linux™ Enterprise (SLES) Server offerings replace the SLES 1-32 socket offerings, SLES for SAP Applications, SLES for HPC, and SLES extensions including SUSE Support and High Availability. These new subscriptions are available as either physical server or unlimited guest per physical server offerings.

SUSE offerings are subscription offerings. All subscriptions include access to fixes and updates and will also allow clients to upgrade to a later release at no charge.

SUSE Linux Enterprise offerings:

Purchase a SUSE Linux Enterprise license for each server by choosing the SUSE Linux Enterprise subscription based on the following:

- The subscription chosen for a system must match the system and deployment type.
 - Question: What is the maximum number of sockets where a SUSE Linux Enterprise product is installed? Select two or four socket.
 - Question: Will workloads be virtualized or not? Select either a physical or virtual (as a virtualization host or virtual guest).
- Different types of SUSE Linux Enterprise offerings are available:
 - SUSE Linux Enterprise Server
 - SUSE Linux Enterprise Server for SAP Applications
 - SUSE Linux Enterprise Server for HPC compute nodes
- 1-year, 3-year, and 5-year subscriptions offerings are available.

Note: Only 1-year and 3-year subscriptions offerings are available for SUSE Linux Enterprise Server for HPC compute nodes.

After registering with SUSE, you can download the SUSE product images.

For technical support:

- Patch/security management and software delivery are included for SUSE Linux Enterprise Server subscription offerings.
- Support is available separately from either IBM® or SUSE.
- Clients may also purchase IBM Support Line (5771-LNX or 5773-LNX). Refer to the IBM ServerProven® website for the list of System x® and BladeCenter® hardware that is supported with SUSE Linux Enterprise Server 10 and SUSE Linux Enterprise Server 9.

For more information, refer to

<http://www.suse.com/solutions/platform.html#server>

Optional extensions can be added to a SUSE Enterprise Linux subscription. The extensions inherit the support and virtualization characteristics of the underlying SUSE Linux Enterprise Server subscription.

For more information, refer to

<http://www.suse.com/solutions/platform.html#>

Overview

IBM and SUSE are introducing new SUSE Enterprise Linux Server (SLES) offerings with IBM System x , BladeCenter , iDataPlex® , and PureSystems™ servers. These new offerings provide clients with more choices in tailoring a SUSE Linux Enterprise Server environment that meets their specific use case and budget. Subscriptions are available as either physical server or unlimited guest per physical server. There are SLES offerings that have been customized for SAP and HPC environments.

Designed to deliver essential data center services with commodity off-the-shelf IT resources, SUSE Linux Enterprise Server is a versatile Linux platform that pleases both business users and IT managers. This Linux server OS supports thousands of third-party ISV applications and enables them to run in physical, virtual, and cloud environments.

SUSE Linux Enterprise Server also interoperates with two other operating systems often used in today's data centers: Microsoft™ Windows™ and UNIX™ . Optional extensions deliver advanced functionality. As a result, you can integrate SUSE Linux Enterprise Server seamlessly into mixed IT infrastructures, continue to run your existing applications, and add new capabilities as your business needs change.

This offering provides a flexible computing environment with a choice of deploying a workload either on a physical machine or within unlimited virtual machines running on any of the most commonly available commercial-grade hypervisors, including SLES Xen or KVM hypervisors, VMware's ESX hypervisor, or Microsoft's Hyper-V hypervisor. It gives clients optional extension software that can be run with an SLES subscription and it continues release independence of packaging, whereby the client can install any release they wish and can upgrade at anytime during the subscription.

Key prerequisites

- These offerings must be ordered with or for usage on System x hardware.
- They are supported on System x , BladeCenter , and PureSystem x86 servers running the appropriate version Linux operating systems.
- Media kits contain DVD optical media. It is recommended that an optical DVD drive be configured with the cluster if a media kit is ordered.
- SLES, including versions for SAP Applications, HPC, and extensions may be sold only with a new IBM-branded Intel™ or AMD processor-based server, limited to the quantity necessary for the server being purchased.
- SLES, including versions for SAP Applications, HPC, and extensions offerings may also be sold as a renewal subscription, but only if the client has purchased the original SUSE subscription from IBM .
- Clients may purchase SUSE or IBM support with SUSE offerings. They may purchase either an IBM Remote Technical Support or IBM Support Line offering from IBM .
- IBM Support is purchased separately and in addition to the SUSE offerings that do not include SUSE Support, unless otherwise noted.

Planned availability date

October 12, 2012

Description

SUSE Linux Enterprise Server (SLES)

This server operating system (OS) supports thousands of applications in virtual and cloud environments as well as industry-standard hardware.

Designed to deliver essential data center services with commodity off-the-shelf IT resources, SUSE Linux Enterprise Server is a versatile Linux platform that pleases both business users and IT managers. This Linux server OS supports thousands of third-party ISV applications and enables them to run in physical, virtual, and cloud environments.

SUSE Linux Enterprise Server also interoperates with two other operating systems often used in today's data centers: Windows and UNIX . Optional extensions deliver advanced functionality. As a result, you can integrate SUSE Linux Enterprise Server seamlessly into mixed IT infrastructures, continue to run your existing applications, and add new capabilities as your business needs change.

More than 13,000 businesses worldwide use SUSE Linux Enterprise Server because SLES supports more than 8,500 third-party ISVs. The list of supported software keeps growing. Certified and supported software for SUSE Linux Enterprise Server includes everything from mission-critical databases, e-commerce applications and ERP systems, to email, file, and print servers and web servers. Today, over 70% of all SAP applications for Linux run on SUSE Linux Enterprise Server.

For the complete list of certified software applications for SUSE Linux Enterprise Server (all versions), visit

<http://www.suse.com/partner/isv/isvcatalog>

Additionally, SUSE Linux Enterprise Server supports industry-standard development and runtime environments, such as Java™ and .NET.

To get more from their existing resources and achieve greater business agility, organizations are increasingly moving workloads to virtual environments and the cloud. SUSE Linux Enterprise Server is a flexible operating platform for physical, virtual, and cloud computing that's supported by today's leading technology vendors.

SUSE is teaming with both Microsoft and VMware to optimize SUSE Linux Enterprise Server on each company's hypervisor technology (Hyper-V and vSphere respectively). As a result, clients can count on consistent performance and streamlined support when using SUSE Linux Enterprise Server with Hyper-V or vSphere.

Every subscription to SUSE Linux Enterprise Server includes commercial support for Xen and Kernel-based Virtual Machine (KVM), providing a powerful yet affordable way to virtualize workloads.

SUSE Linux Enterprise Server for SAP Applications

Boost overall performance and accelerate time to value. SUSE Linux Enterprise Server for SAP Applications delivers outstanding uptime and performance, even under full CPU loads and high memory stress.

Rely on integrated support from SAP and SUSE. SUSE Linux Enterprise Server for SAP Applications offers integrated priority support and maintenance from both SUSE and SAP through the SAP Solution Manager.

Protect your critical business operations with built-in business continuity. SUSE Linux Enterprise Server for SAP Applications includes high-availability components that help build SAP clustering solutions for physical and virtual Linux deployments.

Save time with faster deployment. SUSE Linux Enterprise Server for SAP Applications is designed to enable deployment in hours instead of days. SUSE Linux Enterprise Server for SAP Applications is the only operating system that provides an automated, end-to-end installation workflow, including the SAP applications.

SLES for HPC compute nodes

SUSE offers packages specifically for the user who needs to deploy clusters of systems that work together to take on the most challenging of missions.

A cluster is a collection of interconnected computers working together as a single computing resource. Special pricing applies for HPC clusters for situations that meet all of the following criteria:

- The workload is distributed to many compute nodes.
- The cluster appears as one system, with any communication to instances outside the cluster being performed by dedicated master nodes (head nodes) only.
- Rules for the compute nodes:
 - A minimum of eight compute nodes must be purchased.
 - Each compute node is limited to a maximum of eight CPU sockets.
- Rules for the compute head and management node nodes:
 - The number of head nodes does not exceed one quarter of the total number of nodes, for example, at least 75% of all nodes (compute and master nodes) are compute nodes.
 - At least one head node must be purchased.
 - Master nodes (head nodes) are priced as regular servers.

Extensions

SUSE also offers modular extensions that supply advanced capabilities for supporting your infrastructure. And because these extensions are optional, you pay only for the functionality your business needs. These extensions inherit the support and virtualization characteristics of the underlying SUSE Linux Enterprise Server subscription.

SUSE Linux Enterprise High Availability Extension

Ensure continuous access to your mission-critical applications and data. This flexible, policy-driven clustering solution is designed to virtually eliminate service outages.

Service outages and interruptions to business processes can take a terrible toll on productivity, revenue, and customer relationships. In some cases, they can even have legal consequences. SUSE Linux Enterprise High Availability Extension helps clients ensure that their most mission-critical applications continue to deliver business value, 24 hours a day, every day.

This is achieved through the use of high availability clustering to automate application and data recovery. Clients can use SUSE's flexible, policy-driven clustering solution to implement highly available Linux clusters and eliminate single points of failure. The servers are continuously monitored; and when a fault or failure occurs, the workload is transferred from one server to another, or the application is automatically restarted on a known working system. This helps maintain business continuity and minimize unplanned downtime.

This extension is included in SUSE Linux Enterprise Server for SAP Applications subscriptions.

Geo Clustering for SUSE Linux Enterprise High Availability Extension

When clients need maximum protection for a workload that can never have unplanned downtime, and clients have data centers in different places around the globe, clients can protect the workload using geo clustering. Geo Clustering for SUSE Linux Enterprise High Availability Extension allows for deployment of physical and virtual Linux clusters between data centers located anywhere in the world. This extends the capabilities of SUSE Linux Enterprise High Availability Extension across unlimited distances. Even in a regional disaster, your mission-critical Linux workloads will continue to run. With Geo Clustering for SUSE Linux Enterprise High Availability Extension, your organization can maintain business continuity, protect data integrity, and minimize unplanned downtime.

Special bids and Enterprise License Agreements

To help facilitate special bids or Enterprise License Agreements, special bid offerings are being announced for Linux opportunities for SUSE.

Section 508 of the US Rehabilitation Act

IBM makes no representation about the Section 508 status of the third-party electronic and information technology product in this offering. Contact the vendor for specific, current information on the Section 508 status of this product.

Program number

Program number	V.R.M	Program name
5639-11X	1.0.0	SUSE Linux Enterprise Server for x86

Business Partner information

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=212-287>

Offering Information

Product information is available via the Offering Information website

<http://www.ibm.com/common/ssi>

Publications

No publications are shipped with this program.

Technical information

Specified operating environment

Hardware requirements

IBM System x and BladeCenter servers that are listed on the IBM ServerProven website

<http://www-03.ibm.com/servers/eserver/serverproven/compat/us/>

Software requirements

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a readme file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

Limitations

Orders for these licensed programs require the purchase of a qualified IBM hardware offering.

Planning information

Packaging

Subscription only offerings:

SUSE Linux Enterprise offerings include an activation card which includes the unique product registration number that will be needed to access maintenance and upgrades from SUSE. Once registered, clients can download images for directly from SUSE.

Documentation:

Installation manuals and documentation are available via download from SUSE.

Supplies

None

Security, auditability, and control

SUSE Linux Enterprise Server for x86 uses the security and auditability features of the operating system. The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Software Services

IBM Software Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of our lab-based Software Services team and the business consulting, project management, and infrastructure expertise of our IBM Global Services team. Also, we extend our IBM Software Services reach through IBM Business Partners to provide an extensive portfolio of capabilities. Together, we provide the global reach, intellectual capital, industry insight, and technology leadership to support a wide range of critical business needs.

To learn more about IBM Software Services or to contact a Software Services sales specialist, visit

<http://www.ibm.com/software/sw-services/>

Ordering information

Charge metric

Program name	PID number	Charge metric
SUSE Linux Enterprise Server for x86	5639-11X	Per Server

Server

Server is a unit of measure by which the program can be licensed. A server is a physical computer that is comprised of processing units, memory, and input/output capabilities and that executes requested procedures, commands, or applications for one or more users or Client Devices. Where racks, blade enclosures, or other similar equipment is being employed, each separable physical device (for example, a blade or a rack-mounted device) that has the required components is considered itself a separate server. For the purpose of server-based licensing, licensee must obtain entitlements for each server that is made available to the program, regardless of the number of processor cores and partitions in the server or the number of copies of the program on the server.

Note: Some programs may require licenses for the program **and** what is being managed. In that case, the following applies. In addition to the entitlements required for the program directly, licensee must obtain entitlements for this program sufficient to cover the servers managed by the program.

New licenses

Except where noted, configuration aids, either IBM Configurator for e-business or IBM Hardware Configurator, must be used for creation of valid software and hardware orders for the offerings in this announcement, as well as other referenced and affiliated announcement offerings.

Billing for the operating systems will occur under the licensed program order number contained in this announcement.

To order these programs, specify the type model number, order type description, one-time charge (OTC) feature number with quantity, and supply feature number as indicated and listed in the tables below.

Feature description	OTC feature number
5639-11X SUSE Linux Enterprise Server for x86	
2 Socket Subs Only	
Per Svr X86 2 Skt Sub 1Yr	0032
Per Svr X86 2 Skt Sub 3Yr	0044
Per Svr X86 2 Skt Sub 5Yr	0051
2 Skt Virt Unlim SubOnly	
Per Svr X86 2 Skt Virt Unl G Sub 1Yr	0074
Per Svr X86 2 Skt Virt Unl G Sub 3Yr	0017
Per Svr X86 2 Skt Virt Unl G Sub 5Yr	0019
4 Socket Subs Only	
Per Svr X86 4 Skt Sub 1Yr	0038
Per Svr X86 4 Skt Sub 3Yr	0053
Per Svr X86 4 Skt Sub 5Yr	0058

4 Skt Virt Unlim SubOnly	
Per Svr X86 4 Skt Virt Unl G Sub 1Yr	0071
Per Svr X86 4 Skt Virt Unl G Sub 3Yr	0073
Per Svr X86 4 Skt Virt Unl G Sub 5Yr	0013
2 Socket SUSE Std Supp	
Per Svr X86 2 Skt Sub w Std SUSE Spt 1Yr	0030
Per Svr X86 2 Skt Sub w Std SUSE Spt 3Yr	0036
Per Svr X86 2 Skt Sub w Std SUSE Spt 5Yr	0047
2 Socket SUSE 24x7 Supp	
Per Svr X86 2 Skt Sub w Prm SUSE Spt 1Yr	0070
Per Svr X86 2 Skt sub w Prm SUSE Spt 3Yr	0006
Per Svr X86 2 Skt Sub w Prm SUSE Spt 5Yr	0011
2 Skt VU SUSE Std Supp	
Per Svr X86 2 Skt Virt Unl G Sub w Std SUSE Spt 1Yr	0055
Per Svr X86 2 Skt Virt Unl G Sub w Std SUSE Spt 3Yr	0063
Per Svr X86 2 Skt Virt Unl G Sub w Std SUSE Spt 5Yr	0065
2 Skt VU SUSE 24x7 Supp	
Per Svr X86 2 Skt Virt Unl G Sub w Prm SUSE Spt 1Yr	0008
Per Svr X86 2 Skt Virt Unl G Sub w Prm SUSE Spt 3Yr	0015
Per Svr X86 2 Skt Virt Unl G Sub w Prm SUSE Spt 5Yr	0021
4 Socket SUSE Std Supp	
Per Svr X86 4 Skt Sub w Std SUSE Spt 1Yr	0043
Per Svr X86 4 Skt Sub w Std SUSE Spt 3Yr	0050
Per Svr X86 4 Skt Sub w Std SUSE Spt 5Yr	0061
4 Socket SUSE 24x7 Supp	
Per Svr X86 4 Skt Sub w Prm SUSE Spt 1Yr	0016
Per Svr X86 4 Skt Sub w Prm SUSE Spt 3Yr	0022
Per Svr X86 4 Skt Sub w Prm SUSE Spt 5Yr	0028
4 Skt VU SUSE Std Supp	
Per Svr X86 4 Skt Virt Unl G Sub w Std SUSE Spt 1Yr	0067
Per Svr X86 4 Skt Virt Unl G sub w Std SUSE Spt 3Yr	0002
Per Svr X86 4 Skt Virt Unl G Sub w Std SUSE Spt 5Yr	0007
4 Skt VU SUSE 24x7 Supp	
Per Svr X86 4 Skt Virt Unl G Sub w Prm SUSE Spt 1Yr	0040
Per Svr X86 4 Skt Virt Unl G Sub w Prm SUSE Spt 3Yr	0041
Per Svr X86 4 Skt Virt Unl G Sub w Prm SUSE Spt 5Yr	0046
SAP App 2 Socket Subs	
Per Svr SAP 2 Skt Sub 1Yr	0033
Per Svr SAP 2 Skt Sub 3Yr	0037
Per Svr SAP 2 Skt Sub 5Yr	0052
SAP App 2S VirtUnlim Sub	
Per Svr SAP 2 Skt Virt Unl G Sub 1Yr	0068
Per Svr SAP 2 Skt Virt Unl G Sub 3Yr	0003
Per Svr SAP 2 Skt Virt Unl G Sub 5Yr	0009
SAP App 2S 24x7 SUSE Sup	
Per Svr SAP 2 Skt Sub w Prm SUSE Spt 1Yr	0031
Per Svr SAP 2 Skt Sub w Prm SUSE Spt 3Yr	0042
Per Svr SAP 2 Skt Sub w Prm SUSE Spt 5Yr	0048
SAP App 2S VU 24x7 SUSE Sup	
Per Svr SAP 2 Skt Virt Unl G Sub w Prm SUSE Spt 1Yr	0066
Per Svr SAP 2 Skt Virt Unl G Sub w Prm SUSE Spt 3Yr	0001
Per Svr SAP 2 Skt Virt Unl G Sub w Prm SUSE Spt 5Yr	0005
SAP App 4 Socket Subs	
Per Svr SAP 4 Skt Sub 1Yr	0023
Per Svr SAP 4 Skt Sub 3Yr	0049
Per Svr SAP 4 Skt Sub 5Yr	0057
SAP App 4S VirtUnlim Sub	
Per Svr SAP 4 Skt Virt Unl G Sub 1Yr	0018
Per Svr SAP 4 Skt Virt Unl G Sub 3Yr	0027
Per Svr SAP 4 Skt Virt Unl G Sub 5Yr	0035

SAP App 4S 24x7 SUSE Sup	
Per Svr SAP 4 Skt Sub w Prm SUSE Spt 1Yr	0020
Per Svr SAP 4 Skt Sub w Prm SUSE Spt 3Yr	0024
Per Svr SAP 4 Skt Sub w Prm SUSE Spt 5Yr	0029
SAP App 4S VU 24x7 SUSE Sup	
Per Svr SAP 4 Skt Virt Unl G Sub w Prm SUSE Spt 1Yr	0062
Per Svr SAP 4 Skt Virt Unl G Sub w Prm SUSE Spt 3Yr	0064
Per Svr SAP 4 Skt Virt Unl G Sub w Prm SUSE Spt 5Yr	0014
HA Extension 2 Socket	
SLES HA Extension 2 Socket 1Yr	0039
SLES HA Extension 2 Socket 3Yr	0054
SLES HA Extension 2 Socket 5Yr	0059
HA Extension 4 Socket	
SLES HA Extension 4 Socket 1Yr	0026
SLES HA Extension 4 Socket 3Yr	0034
SLES HA Extension 4 Socket 5Yr	0045
Geo Clust Ext 2 Socket	
SLES Geo Clustering Extension 2 Socket 1Yr	0069
SLES Geo Clustering Extension 2 Socket 3Yr	0004
SLES Geo Clustering Extension 2 Socket 5Yr	0010
Geo Clust Ext 4 Socket	
SLES Geo Clustering Extension 4 Socket 1Yr	0025
SLES Geo Clustering Extension 4 Socket 3Yr	0056
SLES Geo Clustering Extension 4 Socket 5Yr	0060
HPCC up to 8 Socket	
SLES HPCC up to 8 Socket Subscription 1Yr	0072
SLES HPCC up to 8 Socket Subscription 3Yr	0012

5692-LOP System Program Order (SPO) for Linux on POWER

Description	5692-LOP Supply feature number
SLES x86 2 Skt Sub 1Yr	2382
SLES x86 2 Skt Virt Unl Sub 1Yr	2383
SLES x86 2 Skt Sub 3Yr	2384
SLES x86 2 Skt Virt Unl Sub 3Yr	2385
SLES x86 2 Skt Sub 5Yr	2386
SLES x86 2 Skt Virt Unl Sub 5Yr	2387
SLES x86 2 Skt Sub w Std SUSE Spt 1Yr	2388
SLES x86 2 Skt Virt Unl Sub w Std SUSE Spt 1Yr	2389
SLES x86 2 Skt Sub w Std SUSE Spt 3Yr	2390
SLES x86 2 Skt Virt Unl Sub w Std SUSE Spt 3Yr	2391
SLES x86 2 Skt Sub w Std SUSE Spt 5Yr	2392
SLES x86 2 Skt Virt Unl Sub w Std SUSE Spt 5Yr	2393
SLES x86 2 Skt Sub w Prm SUSE Spt 1Yr	2394
SLES x86 2 Skt Virt Unl Sub w Prm SUSE Spt 1Yr	2395
SLES x86 2 Skt Sub w Prm SUSE Spt 3Yr	2396
SLES x86 2 Skt Virt Unl Sub w Prm SUSE Spt 3Yr	2397
SLES x86 2 Skt Sub w Prm SUSE Spt 5Yr	2398
SLES x86 2 Skt Virt Unl Sub w Prm SUSE Spt 5Yr	2399
SLES x86 4 Skt Sub 1Yr	2400
SLES x86 4 Skt Virt Unl Sub 1Yr	2401
SLES x86 4 Skt Sub 3Yr	2402
SLES x86 4 Skt Virt Unl Sub 3Yr	2403
SLES x86 4 Skt Sub 5Yr	2404
SLES x86 4 Skt Virt Unl Sub 5Yr	2405
SLES x86 4 Skt Sub w Std SUSE Spt 1Yr	2406
SLES x86 4 Skt Virt Unl Sub w Std SUSE Spt 1Yr	2407
SLES x86 4 Skt Sub w Std SUSE Spt 3Yr	2408
SLES x86 4 Skt Virt Unl Sub w Std SUSE Spt 3Yr	2409
SLES x86 4 Skt Sub w Std SUSE Spt 5Yr	2410
SLES x86 4 Skt Virt Unl Sub w Std SUSE Spt 5Yr	2411
SLES x86 4 Skt Sub w Prm SUSE Spt 1Yr	2412

SLES X86 4 Skt Virt Unl Sub w Prm SUSE Spt 1Yr	2413
SLES X86 4 Skt Sub w Prm SUSE Spt 3Yr	2414
SLES X86 4 Skt Virt Unl Sub w Prm SUSE Spt 3Yr	2415
SLES X86 4 Skt Sub w Prm SUSE Spt 5Yr	2416
SLES X86 4 Skt Virt Unl Sub w Prm SUSE Spt 5Yr	2417
SLES for SAP 2 Skt Sub 1Yr	2418
SLES for SAP 2 Skt Virt Unl Sub 1Yr	2419
SLES for SAP 2 Skt Sub 3Yr	2420
SLES for SAP 2 Skt Virt Unl Sub 3Yr	2421
SLES for SAP 2 Skt Sub 5Yr	2422
SLES for SAP 2 Skt Virt Unl Sub 5Yr	2423
SLES for SAP 2 Skt Sub w Prm SUSE Spt 1Yr	2424
SLES for SAP 2 Skt Virt Unl Sub w Prm SUSE Spt 1Yr	2425
SLES for SAP 2 Skt Sub w Prm SUSE Spt 3Yr	2426
SLES for SAP 2 Skt Virt Unl Sub w Prm SUSE Spt 3Yr	2427
SLES for SAP 2 Skt Sub w Prm SUSE Spt 5Yr	2428
SLES for SAP 2 Skt Virt Unl Sub w Prm SUSE Spt 5Yr	2429
SLES for SAP 4 Skt Sub 1Yr	2430
SLES for SAP 4 Skt Virt Unl Sub 1Yr	2431
SLES for SAP 4 Skt Sub 3Yr	2432
SLES for SAP 4 Skt Virt Unl Sub 3Yr	2433
SLES for SAP 4 Skt Sub 5Yr	2434
SLES for SAP 4 Skt Virt Unl Sub 5Yr	2435
SLES for SAP 4 Skt Sub w Prm SUSE Spt 1Yr	2436
SLES for SAP 4 Skt Virt Unl Sub w Prm SUSE Spt 1Yr	2437
SLES for SAP 4 Skt Sub w Prm SUSE Spt 3Yr	2438
SLES for SAP 4 Skt Virt Unl Sub w Prm SUSE Spt 3Yr	2439
SLES for SAP 4 Skt Sub w Prm SUSE Spt 5Yr	2440
SLES for SAP 4 Skt Virt Unl Sub w Prm SUSE Spt 5Yr	2441
SLES HA Extension 2 Socket 1Yr	2442
SLES HA Extension 2 Socket 3Yr	2443
SLES HA Extension 2 Socket 5Yr	2444
SLES HA Extension 4 Socket 1Yr	2445
SLES HA Extension 4 Socket 3Yr	2446
SLES HA Extension 4 Socket 5Yr	2447
SLES Geo Clustering Extension 2 Socket 1Yr	2448
SLES Geo Clustering Extension 2 Socket 3Yr	2449
SLES Geo Clustering Extension 2 Socket 5Yr	2450
SLES Geo Clustering Extension 4 Socket 1Yr	2451
SLES Geo Clustering Extension 4 Socket 3Yr	2452
SLES Geo Clustering Extension 4 Socket 5Yr	2453
SLES HPCC up to 8 Socket Subscription 1Yr	2454
SLES HPCC up to 8 Socket Subscription 3Yr	2455

Terms and conditions

The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any transaction with IBM are contained in the applicable contract documents such as the IBM International Program License Agreement, IBM International Passport Advantage® Agreement, and IBM Agreement for Acquisition of Software Maintenance.

Licensing

Supplier's license terms apply.

Limited warranty

Not warranted by IBM . Warranty, if any, is provided by the supplier.

Volume orders

Not applicable

Educational allowance

No

Statement of good security practices

IT system security involves protecting systems and information through prevention, detection, and response to improper access from within and outside your enterprise. Improper access can result in information being altered, destroyed, or misappropriated or can result in misuse of your systems to attack others. Without a comprehensive approach to security, no IT system or product should be considered completely secure and no single product or security measure can be completely effective in preventing improper access. IBM systems and products are designed to be part of a comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective. IBM does not warrant that systems and products are immune from the malicious or illegal conduct of any party.

Prices

For current prices, contact IBM at 888-Shop-IBM (746-7426) or visit

<http://www-03.ibm.com/systems/x/>

To locate the web price, search on the feature number in the Search field.

Feature description	OTC feature number
5639-11X SUSE Linux Enterprise Server for x86	
2 Socket Subs Only	
Per Svr X86 2 Skt Sub 1Yr	0032
Per Svr X86 2 Skt Sub 3Yr	0044
Per Svr X86 2 Skt Sub 5Yr	0051
2 Skt Virt Unlim SubOnly	
Per Svr X86 2 Skt Virt Unl G Sub 1Yr	0074
Per Svr X86 2 Skt Virt Unl G Sub 3Yr	0017
Per Svr X86 2 Skt Virt Unl G Sub 5Yr	0019
4 Socket Subs Only	
Per Svr X86 4 Skt Sub 1Yr	0038
Per Svr X86 4 Skt Sub 3Yr	0053
Per Svr X86 4 Skt Sub 5Yr	0058
4 Skt Virt Unlim SubOnly	
Per Svr X86 4 Skt Virt Unl G Sub 1Yr	0071
Per Svr X86 4 Skt Virt Unl G Sub 3Yr	0073
Per Svr X86 4 Skt Virt Unl G Sub 5Yr	0013
2 Socket SUSE Std Supp	
Per Svr X86 2 Skt Sub w Std SUSE Spt 1Yr	0030
Per Svr X86 2 Skt Sub w Std SUSE Spt 3Yr	0036
Per Svr X86 2 Skt Sub w Std SUSE Spt 5Yr	0047
2 Socket SUSE 24x7 Supp	
Per Svr X86 2 Skt Sub w Prm SUSE Spt 1Yr	0070
Per Svr X86 2 Skt sub w Prm SUSE Spt 3Yr	0006
Per Svr X86 2 Skt Sub w Prm SUSE Spt 5Yr	0011
2 Skt VU SUSE Std Supp	
Per Svr X86 2 Skt Virt Unl G Sub w Std SUSE Spt 1Yr	0055
Per Svr X86 2 Skt Virt Unl G Sub w Std SUSE Spt 3Yr	0063
Per Svr X86 2 Skt Virt Unl G Sub w Std SUSE Spt 5Yr	0065

2 Skt VU SUSE 24x7 Supp	
Per Svr X86 2 Skt Virt Unl G Sub w Prm SUSE Spt 1Yr	0008
Per Svr X86 2 Skt Virt Unl G Sub w Prm SUSE Spt 3Yr	0015
Per Svr X86 2 Skt Virt Unl G Sub w Prm SUSE Spt 5Yr	0021
4 Socket SUSE Std Supp	
Per Svr X86 4 Skt Sub w Std SUSE Spt 1Yr	0043
Per Svr X86 4 Skt Sub w Std SUSE Spt 3Yr	0050
Per Svr X86 4 Skt Sub w Std SUSE Spt 5Yr	0061
4 Socket SUSE 24x7 Supp	
Per Svr X86 4 Skt Sub w Prm SUSE Spt 1Yr	0016
Per Svr X86 4 Skt Sub w Prm SUSE Spt 3Yr	0022
Per Svr X86 4 Skt Sub w Prm SUSE Spt 5Yr	0028
4 Skt VU SUSE Std Supp	
Per Svr X86 4 Skt Virt Unl G Sub w Std SUSE Spt 1Yr	0067
Per Svr X86 4 Skt Virt Unl G sub w Std SUSE Spt 3Yr	0002
Per Svr X86 4 Skt Virt Unl G Sub w Std SUSE Spt 5Yr	0007
4 Skt VU SUSE 24x7 Supp	
Per Svr X86 4 Skt Virt Unl G Sub w Prm SUSE Spt 1Yr	0040
Per Svr X86 4 Skt Virt Unl G Sub w Prm SUSE Spt 3Yr	0041
Per Svr X86 4 Skt Virt Unl G Sub w Prm SUSE Spt 5Yr	0046
SAP App 2 Socket Subs	
Per Svr SAP 2 Skt Sub 1Yr	0033
Per Svr SAP 2 Skt Sub 3Yr	0037
Per Svr SAP 2 Skt Sub 5Yr	0052
SAP App 2S VirtUnlim Sub	
Per Svr SAP 2 Skt Virt Unl G Sub 1Yr	0068
Per Svr SAP 2 Skt Virt Unl G Sub 3Yr	0003
Per Svr SAP 2 Skt Virt Unl G Sub 5Yr	0009
SAP App 2S 24x7 SUSE Sup	
Per Svr SAP 2 Skt Sub w Prm SUSE Spt 1Yr	0031
Per Svr SAP 2 Skt Sub w Prm SUSE Spt 3Yr	0042
Per Svr SAP 2 Skt Sub w Prm SUSE Spt 5Yr	0048
SAP App 2S VU 24x7 SUSE Sup	
Per Svr SAP 2 Skt Virt Unl G Sub w Prm SUSE Spt 1Yr	0066
Per Svr SAP 2 Skt Virt Unl G Sub w Prm SUSE Spt 3Yr	0001
Per Svr SAP 2 Skt Virt Unl G Sub w Prm SUSE Spt 5Yr	0005
SAP App 4 Socket Subs	
Per Svr SAP 4 Skt Sub 1Yr	0023
Per Svr SAP 4 Skt Sub 3Yr	0049
Per Svr SAP 4 Skt Sub 5Yr	0057
SAP App 4S VirtUnlim Sub	
Per Svr SAP 4 Skt Virt Unl G Sub 1Yr	0018
Per Svr SAP 4 Skt Virt Unl G Sub 3Yr	0027
Per Svr SAP 4 Skt Virt Unl G Sub 5Yr	0035
SAP App 4S 24x7 SUSE Sup	
Per Svr SAP 4 Skt Sub w Prm SUSE Spt 1Yr	0020
Per Svr SAP 4 Skt Sub w Prm SUSE Spt 3Yr	0024
Per Svr SAP 4 Skt Sub w Prm SUSE Spt 5Yr	0029
SAP App 4S VU 24x7 SUSE Sup	
Per Svr SAP 4 Skt Virt Unl G Sub w Prm SUSE Spt 1Yr	0062
Per Svr SAP 4 Skt Virt Unl G Sub w Prm SUSE Spt 3Yr	0064
Per Svr SAP 4 Skt Virt Unl G Sub w Prm SUSE Spt 5Yr	0014
HA Extension 2 Socket	
SLES HA Extension 2 Socket 1Yr	0039
SLES HA Extension 2 Socket 3Yr	0054
SLES HA Extension 2 Socket 5Yr	0059
HA Extension 4 Socket	
SLES HA Extension 4 Socket 1Yr	0026
SLES HA Extension 4 Socket 3Yr	0034

SLES HA Extension 4 Socket 5Yr	0045
Geo Clust Ext 2 Socket	
SLES Geo Clustering Extension 2 Socket 1Yr	0069
SLES Geo Clustering Extension 2 Socket 3Yr	0004
SLES Geo Clustering Extension 2 Socket 5Yr	0010
Geo Clust Ext 4 Socket	
SLES Geo Clustering Extension 4 Socket 1Yr	0025
SLES Geo Clustering Extension 4 Socket 3Yr	0056
SLES Geo Clustering Extension 4 Socket 5Yr	0060
HPCC up to 8 Socket	
SLES HPCC up to 8 Socket Subscription 1Yr	0072
SLES HPCC up to 8 Socket Subscription 3Yr	0012

5692-LOP System Program Order (SPO) for Linux on POWER

Feature description	5692-LOP Supply feature number
SLES x86 2 Skt Sub 1Yr	2382
SLES x86 2 Skt Virt Unl Sub 1Yr	2383
SLES x86 2 Skt Sub 3Yr	2384
SLES x86 2 Skt Virt Unl Sub 3Yr	2385
SLES x86 2 Skt Sub 5Yr	2386
SLES x86 2 Skt Virt Unl Sub 5Yr	2387
SLES x86 2 Skt Sub w Std SUSE Spt 1Yr	2388
SLES x86 2 Skt Virt Unl Sub w Std SUSE Spt 1Yr	2389
SLES x86 2 Skt Sub w Std SUSE Spt 3Yr	2390
SLES x86 2 Skt Virt Unl Sub w Std SUSE Spt 3Yr	2391
SLES x86 2 Skt Sub w Std SUSE Spt 5Yr	2392
SLES x86 2 Skt Virt Unl Sub w Std SUSE Spt 5Yr	2393
SLES x86 2 Skt Sub w Prm SUSE Spt 1Yr	2394
SLES x86 2 Skt Virt Unl Sub w Prm SUSE Spt 1Yr	2395
SLES x86 2 Skt sub w Prm SUSE Spt 3Yr	2396
SLES x86 2 Skt Virt Unl Sub w Prm SUSE Spt 3Yr	2397
SLES x86 2 Skt Sub w Prm SUSE Spt 5Yr	2398
SLES x86 2 Skt Virt Unl Sub w Prm SUSE Spt 5Yr	2399
SLES x86 4 Skt Sub 1Yr	2400
SLES x86 4 Skt Virt Unl Sub 1Yr	2401
SLES x86 4 Skt Sub 3Yr	2402
SLES x86 4 Skt Virt Unl Sub 3Yr	2403
SLES x86 4 Skt Sub 5Yr	2404
SLES x86 4 Skt Virt Unl Sub 5Yr	2405
SLES x86 4 Skt Sub w Std SUSE Spt 1Yr	2406
SLES x86 4 Skt Virt Unl Sub w Std SUSE Spt 1Yr	2407
SLES x86 4 Skt Sub w Std SUSE Spt 3Yr	2408
SLES x86 4 Skt Virt Unl sub w Std SUSE Spt 3Yr	2409
SLES x86 4 Skt Sub w Std SUSE Spt 5Yr	2410
SLES x86 4 Skt Virt Unl Sub w Std SUSE Spt 5Yr	2411
SLES x86 4 Skt Sub w Prm SUSE Spt 1Yr	2412
SLES x86 4 Skt Virt Unl Sub w Prm SUSE Spt 1Yr	2413
SLES x86 4 Skt Sub w Prm SUSE Spt 3Yr	2414
SLES x86 4 Skt Virt Unl Sub w Prm SUSE Spt 3Yr	2415
SLES x86 4 Skt Sub w Prm SUSE Spt 5Yr	2416
SLES x86 4 Skt Virt Unl Sub w Prm SUSE Spt 5Yr	2417
SLES for SAP 2 Skt Sub 1Yr	2418
SLES for SAP 2 Skt Virt Unl Sub 1Yr	2419
SLES for SAP 2 Skt Sub 3Yr	2420
SLES for SAP 2 Skt Virt Unl Sub 3Yr	2421
SLES for SAP 2 Skt Sub 5Yr	2422
SLES for SAP 2 Skt Virt Unl Sub 5Yr	2423
SLES for SAP 2 Skt Sub w Prm SUSE Spt 1Yr	2424
SLES for SAP 2 Skt Virt Unl Sub w Prm SUSE Spt 1Yr	2425
SLES for SAP 2 Skt Sub w Prm SUSE Spt 3Yr	2426
SLES for SAP 2 Skt Virt Unl Sub w Prm SUSE Spt 3Yr	2427
SLES for SAP 2 Skt Sub w Prm SUSE Spt 5Yr	2428
SLES for SAP 2 Skt Virt Unl Sub w Prm SUSE Spt 5Yr	2429
SLES for SAP 4 Skt Sub 1Yr	2430

SLES for SAP 4 Skt Virt Unl Sub 1Yr	2431
SLES for SAP 4 Skt Sub 3Yr	2432
SLES for SAP 4 Skt Virt Unl Sub 3Yr	2433
SLES for SAP 4 Skt Sub 5Yr	2434
SLES for SAP 4 Skt Virt Unl Sub 5Yr	2435
SLES for SAP 4 Skt Sub w Prm SUSE Spt 1Yr	2436
SLES for SAP 4 Skt Virt Unl Sub w Prm SUSE Spt 1Yr	2437
SLES for SAP 4 Skt Sub w Prm SUSE Spt 3Yr	2438
SLES for SAP 4 Skt Virt Unl Sub w Prm SUSE Spt 3Yr	2439
SLES for SAP 4 Skt Sub w Prm SUSE Spt 5Yr	2440
SLES for SAP 4 Skt Virt Unl Sub w Prm SUSE Spt 5Yr	2441
SLES HA Extension 2 Socket 1Yr	2442
SLES HA Extension 2 Socket 3Yr	2443
SLES HA Extension 2 Socket 5Yr	2444
SLES HA Extension 4 Socket 1Yr	2445
SLES HA Extension 4 Socket 3Yr	2446
SLES HA Extension 4 Socket 5Yr	2447
SLES Geo Clustering Extension 2 Socket 1Yr	2448
SLES Geo Clustering Extension 2 Socket 3Yr	2449
SLES Geo Clustering Extension 2 Socket 5Yr	2450
SLES Geo Clustering Extension 4 Socket 1Yr	2451
SLES Geo Clustering Extension 4 Socket 3Yr	2452
SLES Geo Clustering Extension 4 Socket 5Yr	2453
SLES HPCC up to 8 Socket Subscription 1Yr	2454
SLES HPCC up to 8 Socket Subscription 3Yr	2455

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