



IBM eServer zSeries

Was gibt's neues in ShopzSeries





rademarks

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genda

§ ShopzSeries

- VSE operating system package
- Optional Products

§ zSeries Support Portal

- PTFs

§ Recommended Service Level (RSL)



Was ist ShopzSeries ?

§ **IBM's Tool zur Planung und zum Bestellen von zSeries Software.**

§ **Mit ShopzSeries können Sie:**

- Vorkonfigurierte Produkt- und Service-Pakete für z/OS, z/OS.e und OS/390 bestellen
- Produkte für z/VM, VM/ESA und VSE/ESA bestellen
- Ihre Software Lizenzen anzeigen
- Zukünftige Updates planen

§ **URL:**

- www.ibm.com/software/shopzseries



Was ist ShopzSeries für einen VSE Kunde?

§ VSE/ESA Operating System Package bestellen

- für Basis Installation
- für Fast Service Upgrade (FSU)
- ShopzSeries prüft bestehende Lizenzen

§ Optionale Produkte für VSE/ESA bestellen

- große Auswahl aus dem Produktkatalog

§ Ihre Lizenzen anzeigen

Was gibt's neues in ShopzSeries?

§ Ab VSE/ESA 2.7.2 neue Medien:

- CD-ROM
 - VSE Kunden in der USA und verschiedenen EMEA Ländern
- Download vom Internet (eDelivery)
- Und auf Tape (wie bisher)

Bestellung	Traditionel	ShopzSeries
Medium	- Tape - CD-ROM	- Tape - CD-ROM - eDelivery



VSE/ESA for IBM eServer zSeries mainframe servers - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://www-1.ibm.com/servers/eserver/zseries/os/vse/>

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Servers > Mainframe servers > Operating systems >

VSE/ESA

VSE/ESA Security

Have you seen the new "[VSE/ESA Security](#)" web page? You will find a link in the "Related Information" section on the lower right of this home page.

The link takes you to a new security page that contains information on topics such as

- Base VSE/ESA security
- Security planning and administration
- Related hardware features, including PCICA assist
- CICS Transaction Server for VSE/ESA security hints and tips
- TCP/IP and Secure Sockets Layer (SSL)

We hope this central source of security information will be helpful. Send your comments, suggestions or questions to the [VSE team](#).

Additional news

[Updated MQSeries for VSE/ESA 2.1.2 System Management Guide \(GC34-5364-04\) available](#)

[How to get VSE/ESA 2.6.3 ?](#)

[VSE/ESA 2.7.1 now available](#)

Announcing

Infrastructure simplification

→ **Make it happen with IBM eServer zSeries and BladeCenter**

Spotlights

→ **IBM @server zSeries**

→ **IBM @server zSeries 800**

Link of the Month

→ HiperSockets

Downloads

→ Check the e-business Connector News

Related information

→ [VSE/ESA Performance](#)

Related links:

[ShopzSeries](#)

<http://www.ibm.com/software/shopzseries>







IBM Software ShopzSeries - Microsoft Internet Explorer

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→ Select a country

ShopzSeries

ShopzSeries

- My orders
- My profile
- My hardware systems
- My licensed software
- My installed software

Help

Feedback

Customer service

Related links:

- Warranty info
- zSeries home
- zSeries software
- Operating systems
- Packaged offerings
- Enhanced HOLDDATA
- zVM and Linux
- Resource Link
- IBM Software home
- Publications center

Welcome to ShopzSeries! The major features of ShopzSeries are explained below. You can link to them directly from the left navigation area.

My orders lets you manage all of your software orders. You can:

- [create new software orders](#) for service or products,
- continue preparing [draft orders](#) that you haven't submitted yet,
- track, process and download [in process orders](#), and
- review your [completed orders](#) which are retained indefinitely for your reference.

My hardware systems lets you review the details of your hardware systems and provide your own nicknames for them.

My licensed software lets you view your software licenses in a variety of report formats.

My installed software lets you manage the installed software reports that you provide ShopzSeries so that it can tailor your software orders to your current environment.

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Address: https://www14.software.ibm.com/webapp/ShopzSeries/ShopzSeries.jsp?action=orders

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You can create orders for planning and research, but you are not authorized to submit them.

To begin the software ordering process, select the appropriate values below and press **Continue**.

Customer number: 997734
 Operating environment: 997030 / 390
 Package category: Service

[Continue](#)

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You can create orders for planning and research, but you are not authorized to submit them.

To begin the software ordering process, select the appropriate values below and press **Continue**.

Customer number: 997734

Operating environment: **VSE/ESA**

Package category: z/OS & OS/390, z/OS.e, z/VM & VM/ESA, **VSE/ESA**

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You can create orders for planning and research, but you are not authorized to submit them.

To begin the software ordering process, select the appropriate values below and press **Continue**.

Customer number: 997734
 Operating environment: VSE/ESA
 Package category: **Products**

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Step 1 of 7: Specify order basics

You are not authorized to submit orders.

Review and specify the basic details of your order.

Order name	<input type="text" value="My VSE Order"/>
Customer number	997734
Operating environment	VSE/ESA
Package category	Products
Package type	products (VSE SIPO)

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<https://www14.software.ibm.com/webapp/ShopzSeries/ShopzSeries.jsp?action=orderSystems>



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Step 2 of 7: Select hardware systems

My VSE Order

Select the system(s) on which you plan to run the software you are ordering.

Hardware systems for customer number 997734

Aggregation	Nickname	Designated machine / Description		
		Type-model	Serial no.	System no.
None	<input checked="" type="checkbox"/> 20642099820	20642099820 / IBM zSeries 900		
		2064-116	99820	DSLAB
	<input checked="" type="checkbox"/> 90215152979	90215152979 / no description available		
		?	?	?
	<input checked="" type="checkbox"/> 96725165998	96725165998 / S/390 Processor		
		9672-RX4	65998	DOROT
<input checked="" type="checkbox"/> 96725167176	96725167176 / no description available			
		?	?	?
	<input type="checkbox"/> unlisted	To order software for unlisted hardware systems, select this choice and provide the system details below.		

Is the system information for your selected systems complete and accurate?
 Yes No
 If not, please explain

My ShopzSeries

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Tip

Save your order periodically to avoid losing work if your session times out.

Tip

→ Assign nicknames to your hardware systems.



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Step 3 of 7: Shop for products

My VSE Order

Select a view of the product catalog to add products. Repeat the process with other views, and then continue to the next step to review the complete contents of your order.

Products in order: 0

Catalog view

Group

Language

Filter

[Show catalog](#)

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Step 3 of 7: Shop for products

My VSE Order

Select a view of the product catalog to add products. Repeat the process with other views, and then continue to the next step to review the complete contents of your order.

Products in order: 0

Catalog view

Group: **Select one**

- VSE - BASE PRODUCTS - MANDATORY (4 Products)
- VSE - VSE BASE PRODUCTS (14 Products)
- VSE - OPTIONAL VSE/ESA BASE FEATUR (33 Products)
- VSE - SYSTEM CONTROL & NETWORKING (1 Product)
- VSE - DATABASE and UTILITIES (5 Products)
- VSE - NETWORK CONTROL - CURRENT (4 Products)
- VSE - LANGUAGES and COMPILERS (13 Products)
- VSE - APPLICATION DEVELOPMENT (5 Products)
- VSE - DP AND BUSINESS PROF. SUPPORT (12 Products)
- VSE - ADVANCED FUNCTION PRINTING (8 Products)
- VSE - All (99 Products)

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<https://www14.software.ibm.com/webapp/ShopzSeries/ShopzSeries.jsp?action=orderCatalog>



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Address <https://www14.software.ibm.com/webapp/ShopzSeries/ShopzSeries.jsp>

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Step 3 of 7: Shop for products

My VSE Order

Select a view of the product catalog to add products. Repeat the process with other views, and then continue to the next step to review the complete contents of your order.

Products in order: 0

Catalog view

Group: VSE - All (99 Products)

Language: English (US)

Filter:

English (US)
English (Upper Case)
Finnish
French
French (Belgian)
French (Canadian)
French (Swiss)
German
German (Swiss)
Hebrew
Hungarian

Show catalog

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Step 3 of 7: Shop for products

My VSE Order

Select a view of the product catalog to add products. Repeat the process with other views, and then continue to the next step to review the complete contents of your order.

Products in order: 0

Catalog view

Group: VSE - All (99 Products)

Language: English (US)

Filter: **Select one** (dropdown menu open showing: Select one, Show licensed products, Show all products)

Show catalog

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Step 3 of 7: Shop for products

My VSE Order

Select a view of the product catalog to add products. Repeat the process with other views, and then continue to the next step to review the complete contents of your order.

Products in order: 0

Catalog view

Group: VSE - All (99 Products)

Language: English (US)

Filter: Show all products

[Show catalog](#)

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Step 3 of 7: Shop for products

My VSE Order

Select a view of the product catalog to add products. Repeat the process with other views, and then continue to the next step to review the complete contents of your order.

Products in order: 0

Catalog view (Products in this view: 58)

Group:

Language:

Filter:

[Show catalog](#)

VSE: BASE PRODUCTS - MANDATORY

<input type="checkbox"/>	● ◆	[5686-066]	Central Functions	6.07.00	English (US)
<input type="checkbox"/>	● ◆	[5696-234]	High Level Assembler for VSE	1.04.00	English (US)

VSE: VSE BASE PRODUCTS

<input type="checkbox"/>	● ◆	[5686-066]	VSE/ESA Service Option 2.6.3	6.07.00	English (US)
<input type="checkbox"/>	● ◆	[5686-094]	IBM LE 1.4 for VSE	1.04.03	English (US)
<input type="checkbox"/>	○ ◆	[5648-054]	CICS TS for VSE/ESA	1.01.01	English (US)
<input type="checkbox"/>	● ◆	[5686-065]	ACF/TAM VSE Client/Server	4.02.00	English (US)

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Product legend

Ordering controls

- Product included in order
- Product not included in order
- Product included in order
- Product not included in order

Install status in uploaded report

- Product already installed
- ↑ Upgrade to an installed product
- ↓ Downgrade to an installed product
- + Product not installed at any level

These icons are only displayed when an installed software report is available.

License status on selected systems

- Product licensed on all systems
- ◐ Product licensed on some systems
- Product not licensed on any systems
- ? Product license state unknown
- × Product is not orderable

Review all of your software licenses on the [My licensed software](#) page.
Find information on correcting license discrepancies on the [Customer service](#) page.

Internet deliverability

- ◆ Product is available for 100% Internet delivery. These products may include some materials (e.g. CD-ROMs) which may still be shipped physically. If you require 100% electronic delivery, you may specify this, but additional user actions may be required for installation (e.g. burning the CD-ROMs from your workstation using your own CD writer and software).
- ◆ Product is available for partial Internet delivery. Some items must be shipped physically.
- ◇ Product is not available for Internet delivery.



IBM Software ShopzSeries - My current order - Microsoft Internet Explorer

Address: https://www14.software.ibm.com/webapp/ShopzSeries/ShopzSeries.jsp

<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	[5746-XX1] DLI DOS VS	1.10.00	English (US)
VSE: NETWORK CONTROL - CURRENT					
<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	[5648-063] ACF/NCP V7 VSE	7.08.01	English (US)
<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	[5686-064] ACF/SSP Version 4 VSE	4.08.01	English (US)
<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	[5688-035] X.25 NPSI V3 Basic Material	3.09.00	English (US)
<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	[5735-XXB] EP V1 for ACF/NCP 7	1.14.00	English (US)
VSE: LANGUAGES and COMPILERS					
<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	[5686-A01] C for VSE Full Func.	1.01.00	English (US)
<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	[5686-A01] C for VSE Alt. Func.	1.01.00	English (US)
<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	[5686-069] IBM PL/I VSE/ESA Full Funct.	1.01.00	English (US)
<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	[5686-069] IBM PL/I VSE/ESA Alt Func	1.01.00	English (US)
<input checked="" type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	[5686-068] IBM COBOL VSE/ESA Full Funct	1.01.00	English (US)
<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	[5686-068] IBM COBOL VSE/ESA Alt Func	1.01.00	English (US)
<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	[5648-B02] VAGen Server VSE V1.2	1.02.00	English (US)
<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	[5746-RG1] RPG II Compiler	1.03.00	English (US)
<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	[5686-A07] CCCA VSE V2R1	2.01.00	English (US)
VSE: APPLICATION DEVELOPMENT					
<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	[5686-A06] IBM MQSeries for VSE/ESA	2.01.02	English (US)
<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	[5746-XXT] SDF II VSE BASE	1.06.00	English (US)
VSE: DP AND BUSINESS PROF.SUPPORT					
<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	[5686-057] GDDM/VSE Version 3	3.02.00	English (US)
<input type="checkbox"/>	<input type="radio"/>	<input type="checkbox"/>	[5668-8011] GDDM IMD V2	2.01.03	English (US)

http://www.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=877

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5686-068 IBM COBOL for VSE/ESA Version 1

Table of Contents	Trademarks	Document Options
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→ Technical Description		

Abstract

IBM COBOL for VSE/ESA extends IBM strategic COBOL technology in the VSE/ESA environment. The COBOL compiler provides a rich set of intrinsic functions, including date handling with four-digit year support, string handling, financial capabilities, statistical functions, and mathematical formulas

Highlights

The advanced technology of IBM COBOL for VSE/ESA provides:

- Reduced maintenance costs
- Increased longevity
- Increased development flexibility

Description



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Step 4 of 7: Specify order contents

My VSE Order

Products in order: 1 [Add products](#)

Your order contains bypassable requisites.
[Re-analyze your order if you change it](#)

VSE: LANGUAGES and COMPILERS

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	[5686-068]	IBM COBOL VSE/ESA Full Funct	1.01.00	English (US)
The above product has a bypassable requisite for one of the following products:						
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	[5686-066]	Central Functions	6.07.00 English (US)

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Step 5 of 7: Select new licenses

My VSE Order

Select any additional licenses you would like to order.

[5686-068] IBM COBOL VSE/ESA Full Funct

- 20642099820
- 90215152979
- 96725165998
- 96725167176

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Step 6 of 7: Specify delivery options

My VSE Order

Specify how you would like your order delivered.

Delivery media

Internet delivery is available for this order, but some materials must be sent physically. If you require 100% Internet delivery, you can remove partially eligible products (those marked with from your order.

Preferred media

- Select one
- Internet
- 3590 Tape Cartridge
- 3480 Compressed Tape
- CD-ROM

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Tip

→ Learn about the prerequisites for Internet delivery.

Tip

Learn how to permanently change your shipping address.

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<https://www14.software.ibm.com/webapp/ShopzSeries/ShopzSeries.jsp?action=orderDelivery> Internet



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Step 6 of 7: Specify delivery options

My VSE Order

Specify how you would like your order delivered.

Delivery media

Preferred media

Some of the products in this order may contain materials which may be shipped physically.

Do not ship any physical materials, I require 100% Internet delivery.

Shipping address

Select an address from the following list and press Go

Name	IBM Deutschland Entwickl. GmbH
Name2	EL HD Microcode Design Unter
Name3	
Name4	71032-03-0084, Order
Address	Schönaicher Str. 220
Address2	
P.O. box	
P.O. box postal code	
City	Böblingen
State/Province/Territory	
Postal code	71032
Country	Germany

Special instructions

Special instructions may delay your order.

I would like to receive different product types

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→ Learn about the prerequisites for Internet delivery.

Tip

→ Learn how to permanently change your shipping address.

<http://www.ibm.com/support/de/> Internet



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Step 7 of 7: Review and submit

My VSE Order

Your order is ready to be submitted for **fulfillment**. Please review it and press **Submit** at the bottom of the page.

All electronically enabled publications for this order will be provided via the Internet.

Your order contains bypassable requisites.

Order basics

Order name	My VSE Order
Date created	March 23, 2004 at 19:50:45
Last modified	March 23, 2004 at 19:50:45
Customer number	997734
Operating environment	VSE/ESA
Package category	Products
Package type	products (VSE SIPO)

[← Edit Order basics](#)

Hardware systems

Aggregation: None

20642099820	20642099820 / IBM zSeries 900 2064-116 / 99820 / DSLAB
90215152979	90215152979 / no description available ? / ? / ?
96725165998	96725165998 / S/390 Processor 9672-RX4 / 65998 / DOROT
96725167176	96725167176 / no description available ? / ? / ?

[← Edit Hardware systems](#)

My ShopzSeries

Welcome

Ingo Franzki

→ Sign out

→ Edit profile



IBM Software ShopzSeries - My current order - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://www14.software.ibm.com/webapp/ShopzSeries/ShopzSeries.jsp>

← Edit Hardware systems

Order contents

VSE: LANGUAGES and COMPILERS

5686-068	IBM COBOL VSE/ESA Alt Func	1.01.00	English (US)
----------	----------------------------	---------	--------------

← Edit Order contents

New licenses

← Edit New licenses

Delivery options

Delivery media

Preferred media	Internet
------------------------	----------

Shipping address

Name	IBM Deutschland Entwickl. GmbH
Name2	EL HD Microcode Design Unter
Name3	
Name4	71032-03-0084, Order
Address	Schönaicher Str. 220
Address2	
P.O. box	
P.O. box postal code	
City	Böblingen
State/Province/Territory	
Postal code	71032
Country	Germany

Special instructions

None

Delivery schedule

Requested arrival date	March 23, 2004
-------------------------------	----------------

← Edit Delivery options

← Previous **Save** Discard **Submit**

Printable version

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<https://www14.software.ibm.com/webapp/ShopzSeries/ShopzSeries.jsp?action=save>



Notification e-mail

To: ifranzki@de.ibm.com
From: Oms Client01/Boulder/IBM
Subject: IBM Order 2000540326 is ready for download.

ORDER REFERENCE INFORMATION

IBM customer number: 997734
PRODUCT: IBM order number: 2000540326
ShopzSeries reference number: U00040157

Refer to the IBM order number when contacting IBM support:
<http://www.ibm.com/support>

Your order will be available for download on the IBM software
delivery server through "19 Apr 2004".

To access your order directly, go to:

[https://wwl4.software.ibm.com/webapp/ShopzSeries/ShopzSeries.jsp?
action=download&orderId=U00040157](https://wwl4.software.ibm.com/webapp/ShopzSeries/ShopzSeries.jsp?action=download&orderId=U00040157)

* Please do not reply to this email, as *
* it was sent by an unattended machine. *



IBM Software ShopzSeries - My orders - Microsoft Internet Explorer

Address: https://www14.software.ibm.com/webapp/ShopzSeries/ShopzSeries.jsp?action=ordersInProc

Germany

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ShopzSeries >

My orders

Create new order | Draft orders | **In process** | Completed

To review or process an order, click on its name. To track it, click on its status.

[Refresh this page to view order status updates.](#)

In process Orders

Order reference number - Order name	Status
U00040159 - AWSTAPE CD - March 19, 2004, 01:18 Customer number: 997030 IBM order number: 2000540328	Manufacturing
<input type="checkbox"/> U00034061 - VM EMEA 04pub and packing Customer number: 997030 IBM order number: 2000536521	Physical None Internet Download
<input type="checkbox"/> U00033293 - VM EMEA order elec-del OpTst Customer number: 997030 IBM order number: 2000535998	Physical None Internet Download
<input type="checkbox"/> U00033048 - VM EMEA OpTsT for Feb 22 Customer number: 997030 IBM order number: 2000535948	Physical Shipped Internet Manufacturing

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Address: <https://www14.software.ibm.com/webapp/ShopzSeries/ShopzSeries.jsp>

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ShopzSeries > My current order >

Download: U00040157 - VSE EMEA elecdeliv March 19, 2004, 01:11

Download expires on 19 Apr 2004

Order Packing List
[View Now \(0.009 MB\)](#)

VSE/ESA 2.7 Readme
[View Now - V6045348.TXT \(0.001 MB\)](#)

Additional Material

- Download to your workstation using IBM Download Director
- Download to your workstation using HTTPS

VSE product material

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- Download to your workstation using HTTPS

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[View or download from the IBM Publications Center](#)

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Download: U00040157 - VSE EMEA elecdeliv March 19, 2004, 01:11

VSE product material - Download to your workstation using IBM Download Director

Download expires on 19 Apr 2004

DB2 VSE Help Text
 Download - V6045351.ZIP (4.8 MB)

VSE/ESA 2.7.2 XBase
 Download - V6045350.ZIP (33.0 MB)

VSE/ESA 2.7.2-ENU
 Download - V6045349.ZIP (111.5 MB)

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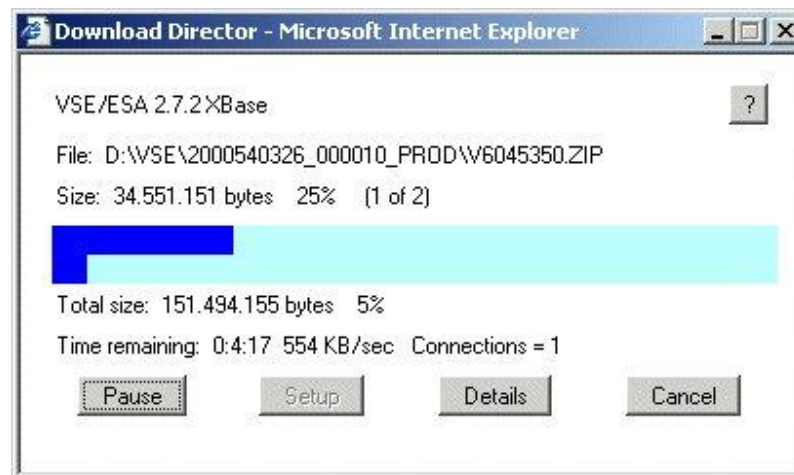
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Download Director

§ **kleines Java Applet**

§ **kann Downloads fortsetzen, wenn die Verbindung unterbrochen wurde**

§ **erhöhter Download-Speed durch Verwendung von mehreren Verbindungen gleichzeitig**





CD-ROM im Vergleich zu Download

§ CD-ROM

- wird an Ihre Liefer-Adresse geliefert
- enthält Tape Image(s) im AWSTAPE Format

§ Download

- Sie laden ZIP-files mit dem Download Director oder HTTP herunter
- ZIP-files enthalten Tape Images im AWSTAPE Format

§ Eine Readme-Datei gibt Auskunft über das weitere Vorgehen mit den Tape Images

- verweist auf die VSE Homepage:
- www.ibm.com/servers/eserver/zseries/os/vse/news/edelivery.html

Optionale Produkte installieren

§ **Optional Produkt Tapes sind im "stacked format"**

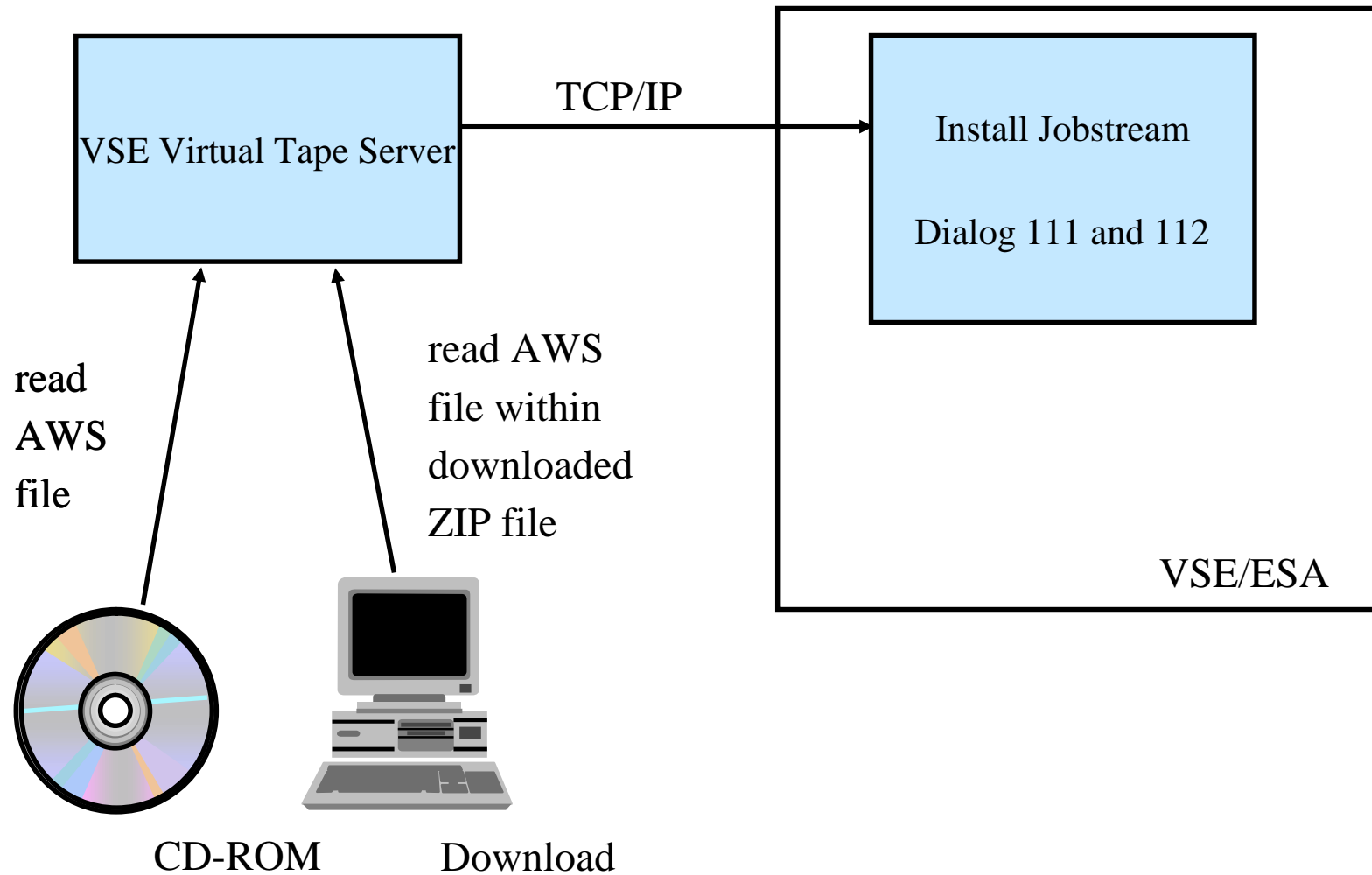
- Alle bestellten Produkte sind in einem Tape Image enthalten (z.B. VSEOPT27.aws)

§ **Produkte können mit VTAPE über die Dialoge 111 und 112 installiert werden**

- mit einem "Remote Tape Image"
 - AWS Datei (CD-ROM)
 - AWS Datei in einer ZIP Datei (download)
- mit einem "VSAM Tape Image"
 - Hochladen des Tape Images in VSAM Datei erforderlich



Optionale Produkte installieren





SE Basis System installieren

§ Basis Installation kann NICHT mit VTAPE gemacht werden

- außer mit MP3000, Flex-ES

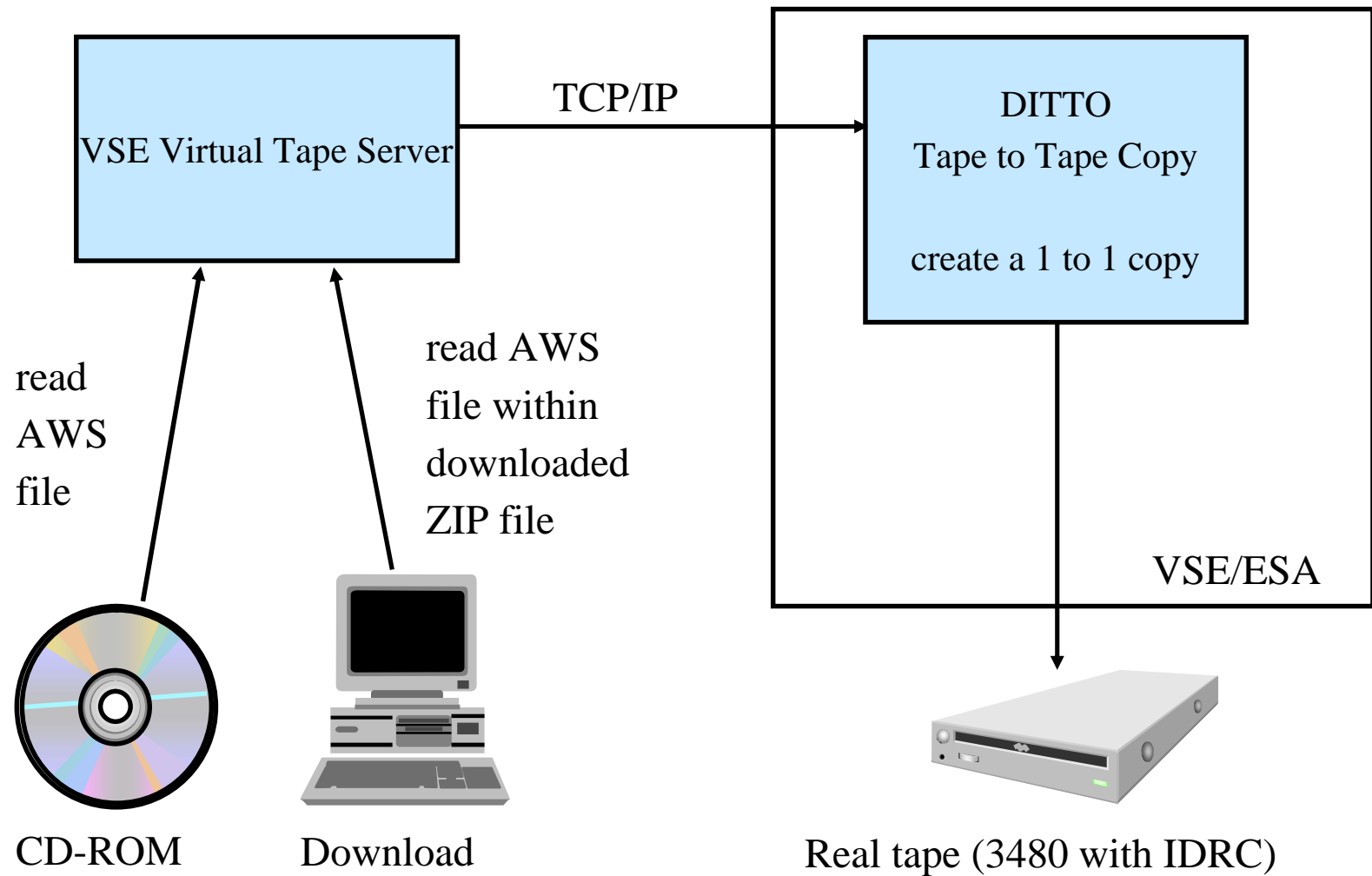
§ Ein reelles Tape muss erstellt werden

- Mit DITTO "Tape to Tape Copy"
 - von: VTAPE (remote tape image)
 - nach: reelles Tape
- Remote Tape Image kann sein
 - AWS Datei (CD-ROM)
 - AWS Datei in einer ZIP Datei (download)

§ Basis Installation vom Tape funktioniert wie gewohnt

- siehe VSE Installations-Buch

Reelles Tape erzeugen





Reelles Tape erzeugen

```
* $$ JOB JNM=COPYTAPE,CLASS=0,DISP=D
// JOB COPYTAPE
// PAUSE PLEASE MOUNT A TAPE ON <cuu2>
// UPSI 1
DVCDN <cuu1>
// PAUSE - DEVICE DOWN OK
// VTAPE START,UNIT=<cuu1>,LOC=<ip-address>,FILE='<tape image file>',READ
DVCUP <cuu1>
// ASSGN SYS010,<cuu2>,08
* OUTPUT MEDIA, 3480 COMPRESSED
// ASSGN SYS011,<cuu1>
* INPUT MEDIA
// EXEC DITTO
$$DITTO REW OUTPUT=SYS010
$$DITTO REW OUTPUT=SYS011
$$DITTO TT INPUT=SYS011,OUTPUT=SYS010,NFILES=<36>
/*
DVCDN <cuu1>
// VTAPE STOP,UNIT=<cuu1>
DVCUP <cuu1>
/&
* $$ EOJ
```

<tape image file>:

CD-ROM: **D:\VSEOPT27.aws** (D: ist Ihr CD-ROM drive)

Download: **C:\VSE\V6045349.ZIP!VSEOPT27.aws**

(! separiert ZIP Name und Name des Tape iImages im ZIP file)



Fast Service Upgrade

§ FSU von VSE 2.5.x/2.6.x zu VSE 2.7.x kann nur mit reellem Tape gemacht werden

- außer mit MP3000, Flex-ES
- Reelles Tape muss vom Tape Image erzeugt werden
 - Mit DITTO "Tape to Tape Copy"

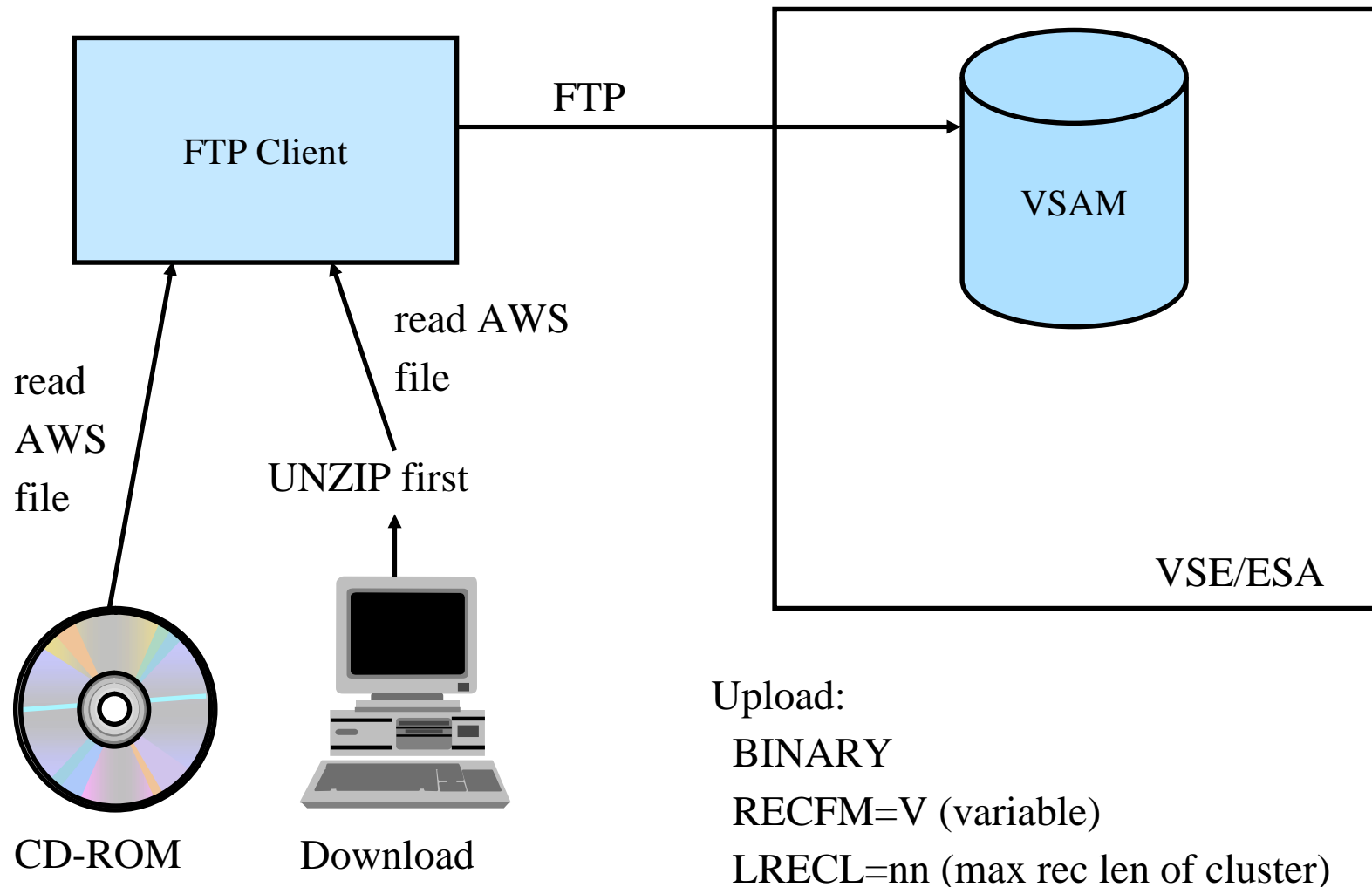
§ FSU von \geq VSE 2.7.0 zu 2.7.x kann mit VTAPE gemacht werden (VSAM Tape Image)

- Hochladen in VSAM Datei erforderlich

§ FSU läuft wie gewohnt ab (entweder von reellem Tape oder von VTAPE)

- FSU Preparation - Dialog 1432
- FSU Installation - Dialog 1433

Upladen eines Tape Images in VSAM





TFs bestellen

§ Für VSE (noch) nicht möglich mit ShopzSeries

§ zSeries Support Portal

- www-1.ibm.com/servers/eserver/support/zseries/index.html
- bestimmte PTFs bestellen
- Download der PTFs mit FTP/Browser

§ Service Update Facility (SUF)

- www.ibm.com/servers/eserver/zseries/zos/suf/
- Anwendung, die auf dem PC des Kunden läuft
- PTFs inklusive PREREQs bestellen



IBM eServer zSeries Support - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print Print Preview Print Setup

Address <http://www-1.ibm.com/servers/eserver/support/zseries/index.html> Links >>

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Mainframe redefined**

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<http://www-1.ibm.com/servers/eserver/support/zseries/fixes/zadl.html>
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zSeries Downloads

- [Download fixes](#)
Order fixes, request correct service, download drivers.
- [Serviceability tools](#)
Download productivity tools, sample code.
- [Software from IBM](#)
Download and evaluate emerging software technologies from IBM.

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Address <http://www-1.ibm.com/servers/eserver/support/zseries/fixes/zdl.html>

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Download fixes

→ [Download specific fixes](#)
Order fixes by PTF number.

→ [Download custom operating system fixes](#)
Request electronic corrective and preventive service, and receive status reports.

→ [Printer drivers and fixes](#)
Download drivers and fixes for IBM printers.

→ [Storage systems](#)
Access disk, tape and optical storage technical support resources.

→ [Check Status of ordered fixes](#)
Determine the latest status for corrective service orders.

Related services

→ Troubleshooting

→ Service bulletins and advisories

→ Fixes for Linux

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Electronic PTF order - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://techsupport.services.ibm.com/server/390.electpforder>

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IBM eServer Support

Use of this service requires signing in with an [IBM ID](#).

Each service at this site is grouped under one of three access levels:

- Freely available to anyone with a web browser. No sign in required.
- Freely available but requires signing in with an IBM ID.
- Requires a special support agreement, usually associated with a support contract, or further registration.

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javascript:launchLogin();void(0)

inloggen mit IBM ID

[Sign-in] Server Support - Microsoft Internet Explorer

IBM @server Support

Sign in

Sign in using your IBM ID. To obtain an IBM ID, you may [register](#) for one now.

IBM ID:

Password:

[Change profile](#)
[Change password](#)
[Forgot password](#)
[Help](#)

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One ID. One password.
Soon, you won't have to keep track of different IDs and passwords for the many different sections of ibm.com you use. Whether you're shopping, downloading or browsing protected areas, one-password access will help you enjoy a better Web experience. You'll be able to use your IBM ID to enter any part of ibm.com that displays the IBM ID icon.

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- xSeries support
- IBM eServer
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Download selective fixes

Send

Enter PTF numbers below [e.g. U41 2345, U467890]

Packaging Options

Media Type: **Download**

	Yes	No
Ship fixes for known PTFs in error, if available	<input checked="" type="radio"/>	<input type="radio"/>
Ship superceding fixes, if available	<input checked="" type="radio"/>	<input type="radio"/>
Include prerequisites and corequisites	<input checked="" type="radio"/>	<input type="radio"/>
Include ifrequisites	<input checked="" type="radio"/>	<input type="radio"/>

Email*

Done Internet



Verifying Order - Microsoft Internet Explorer

Address: https://techsupport.services.ibm.com/server/390.verifyorder

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- How to buy

Review the information. The fix you are about to order will be packaged using the specified options below. Two emails will be sent to the specified address. The first email will be a confirmation of receipt of the request. The second email will contain download instructions and a link to the package.

Send

Selected Fix Package(s):

- UQ84011

To

Email: ifranzki@de.ibm.com

Packaging Options

Media Type: **Download**

Ship fixes for known PTFs in error, if available: **Y**

Ship superceding fixes, if available: **Y**

Include prerequisites and corequisites: **Y**

Include conditional requisites: **Y**

Make Corrections Submit

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Done Internet

Order Submitted

Your order has been submitted for processing. Email will be sent to ifranzki@de.ibm.com.

COER NUMBER is 390156234. This number is used to submit your request. You will receive a confirmation email that contains your ORDER NUMBER.

Confirmation of receipt is generally sent out within 5 minutes but may take as much as 30 minutes. The final email with instructions and fix location will generally be sent out within 5 minutes but may take as much as 2 hours. You can [check the status of your order](#) by entering the order number or your customer number.

- The first e-mail will provide you with the ISMS (IBM Software Manufacturing Solutions) order number, which starts with the letter "B".
- When the order is packaged, a second e-mail will be sent to you and will provide you with the package carrier name and the carrier waybill (tracking) number.
- You will also receive a summary e-mail which provides the information above, plus a listing of the fixes that you ordered.

If you do not receive your initial e-mail confirmation within two hours of submitting this request, please either resubmit your request or order your maintenance fix via telephone. Please report any order failures through the [Feedback](#) form.

You can check the status of any specific order via the ISMS order number, or view all recent orders for your customer number, via the web at http://service.software.ibm.com/order_status

If you need the application for tersing/untersing files:

A version for z/OS and OS/390 is available from <http://techsupport.services.ibm.com/390/trsmain.html>. There you will find instructions on downloading, installing and using the application file 'trsmain'.

A version for VM is available via anonymous ftp from ftp.software.ibm.com in /s390/vm/tools/deterse/files/. There you will find a [README.bt](#) with instructions on retrieving and using the DETERSE MODULE.



Notification e-mail

To: ifranzki@de.ibm.com
From: bldml@bldisdmc.vnet.ibm.com
Subject: 390156234 Update Received, Customer#: 9999999

COERVER = 30-STATUS
SOURCE = EMAIL
COERNBR = 390156234
CNTYNBR = 000
FRMNODE = BLDISDMC
FRMUSER = R370ACK
TO_NODE = NONE
TO_USER = NONE
SHPDATE = 20040401083836
TEXT = Data sent via "INET". To retrieve your service:
TEXT = FTP to: [ptf.boulder.ibm.com](ftp://ptf.boulder.ibm.com)
TEXT = Log on using userid "[owvw6d](#)" and password "[trye2fvc](#)"
TEXT = Enter the following FTP commands:
TEXT = [cd /390156234/c568606635](#)
TEXT = [ascii f 80](#)
TEXT = [get ftp6234.txt](#)
TEXT = [get elst6234.txt](#)
TEXT = [binary f 80](#)
TEXT = [get eptf6234.bin](#)
TEXT = --or--
...



Notification e-mail (fortgesetzt)

```

...
TEXT      = To retrieve your service using a web browser:
TEXT      =   Enter the following URL:
TEXT      =   ftp://owvw6d:trye2fvc@ptf.boulder.ibm.com/390156234/c568606635
TEXT      =   Click on: ftp6234.txt to view the FTP count file.
TEXT      =   Click on: elst6234.txt to view the Packing List file.
TEXT      =   Click on: eptf6234.bin to download the PTF file.
TEXT      =   To save the FTP count file or Packing List file to your
TEXT      =   workstation, view the file and use the commands supported
TEXT      =   by your browser to save the file to disk.
TEXT      =   You may copy the files to a floppy and/or upload the files
TEXT      =   to your host. Upload files with a '.txt' extension in text
TEXT      =   mode and files with a '.bin' extension in binary mode. The
TEXT      =   same modes should be used when transferring files through
TEXT      =   intermediate computer systems.
TEXT      =   Note: The ftp6234.txt file contains byte counts to
TEXT      =   match against the FTP byte count for each file.
TEXT      =
TEXT      = Package contained 3 fixes with 25,133 Kilo-bytes of data
TEXT      = Total amount of data shipped was 25,133 Kilo-bytes
TEXT      = SDF Order# B5543884 was Shipped at 08:37:50 04/01/2004
TEXT      =
TEXT      = PTF#          Reason Listed          Status          CLC
TEXT      = -----          -
TEXT      = UQ74256  PREREQ of UQ77749  <<< Shipped >>>  75N
TEXT      = UQ77749  PREREQ of UQ84011  <<< Shipped >>>  75N
TEXT      = UQ84011  ORDERED            <<< Shipped >>>  75N
NBRDATA = 0047

```



Installation heruntergeladener PTFs

§ **Es wird ein binärer Jobstream heruntergeladen (fixed 80), enthält alle bestellten PTFs**

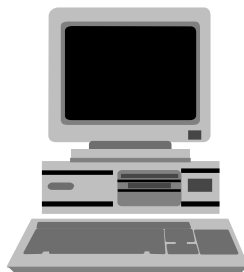
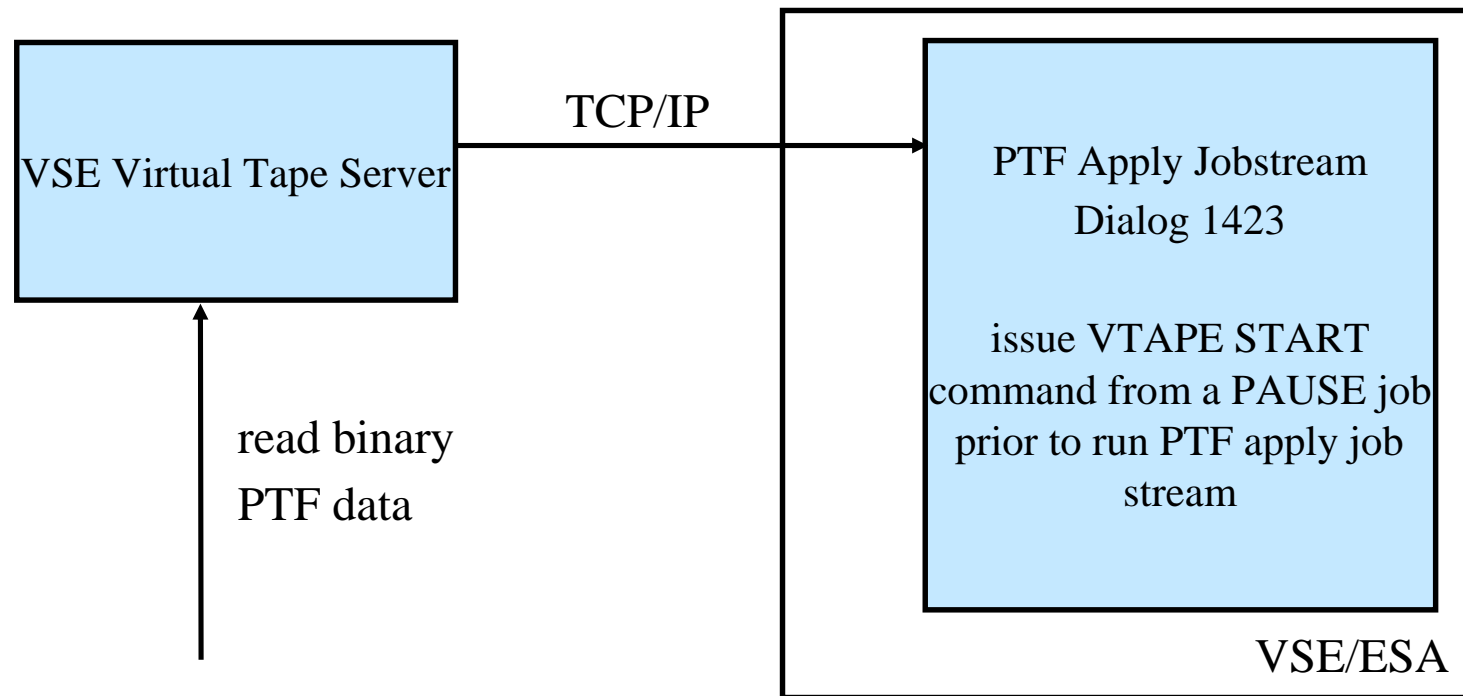
§ **Empfohlenes Vorgehen zur Installation:**

- hochladen in PTF.FILE (IJSYSPF)
 - siehe www-1.ibm.com/servers/eserver/zseries/os/vse/support/ptfappl.htm
- oder mit Virtual Tape (PTF Tape Simulation)

§ **NICHT empfohlen: submit in VSE Reader**

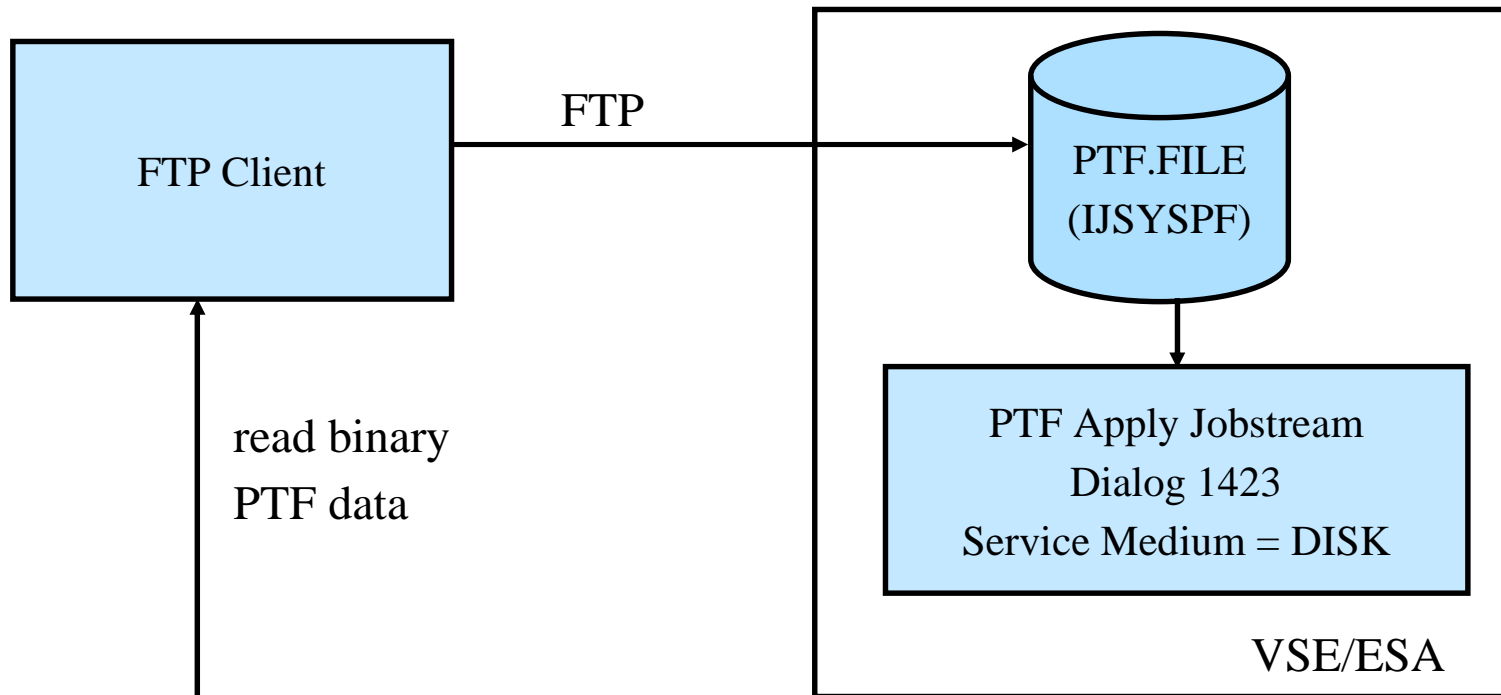
- keine indirekte PTF installation möglich
- PRE- und CO-Requirements sind möglicherweise nicht erfüllt, oder in falscher Reihenfolge im Jobstream
- POWER JECL in dem Datenteil der PTFs werden evt. ausgeführt.
- Fehlende POWER JECL im PTF file veranlasst POWER VSE Job Karten auszuführen

TFs installieren mit Virtual Tape



- 1.) Rename file eptf6234.bin to eptf6234.ptf
- 2.) issue VTAPE START command from a PAUSE job
`// VTAPE START,UNIT=<cuu1>,LOC=<ip-address>,
FILE='C:\eptf6234.ptf',READ`

TFs installieren mit PTF.FILE (IJSYSPF)



```
DEFINE FILE,TYPE=ESDS,DLBL=IJSYSPF,PUBLIC='IJSYSPF'
```

Upload:

BINARY

RECFM=F (fixed)

LRECL=80



Recommended Service Level (RSL)

- § verfügbar seit 19. März 2004
- § alle verfügbaren PTFs zu einem bestimmten Datum
- § Alle 6-8 Wochen nach PEs überwacht.
- § Eine Liste der PTFs gibt es in PSP und auf der VSE/ESA Home Page
 - www.ibm.com/servers/eserver/zseriesos/vse/support/vsersl/vse_rsl_intro.html
- § Üblicher PTF Installations-Prozess
- § Hilft Kunden auf einem stabilen und sicheren Service Level zu bleiben
- § Hilft der IBM den Kunden schneller auf einen stabilen Service Stand zu bringen
- § Nicht zu verwechseln mit dem RSU Konzept von z/OS



IBM: VSE Recommended Service Level - Microsoft Internet Explorer

Address: http://www-1.ibm.com/servers/eserver/zseries/os/vse/support/vsersl/vse_rsl.html

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Servers > Mainframe servers > Operating systems >

VSE Recommended Service Level

The following table contains lists of all available service on top of the individual VSE/ESA refresh levels at the specified date. These lists show the APAR number, corresponding PTF number and the applicable component-ID and CLC. Separate lists are provided which contain only the PTF numbers for easy ordering of the Recommended Service. Known PE solutions and requisite PTFs are included.

Service recommended for	PTF Order List	Cutoff Date
VSE/ESA 2.7.2	Base Products Optional Prod.	PTFs 272B PTFs 272O May 31, 2004
VSE/ESA 2.7.1	Base Products Optional Prod.	PTFs 271B PTFs 271O Jan. 26, 2004
VSE/ESA 2.7.0	Base Products Optional Prod.	PTFs 270B PTFs 270O Jun. 30, 2003
VSE/ESA 2.6.3	Base Products Optional Products	PTFs 263B PTFs 263O May 31, 2004
VSE/ESA 2.6.2	Base Products Optional Prod.	PTFs 262B PTFs 262O Jun. 30, 2003
VSE/ESA 2.6.1	Base Products Optional Prod.	Please order the latest refresh for these levels Oct. 21, 2002
VSE/ESA 2.6.0	Base Products Optional Prod.	
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