

V5R1 Planning and Installation

V5R1Install

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Topic Overview



- General V5R1 Requirements
- Software Versioning for V5R1
- Release-to-Release Compatibility
- Misc. Planning Information
- V5R1 Software Installation

General V5R1 Requirements Summary

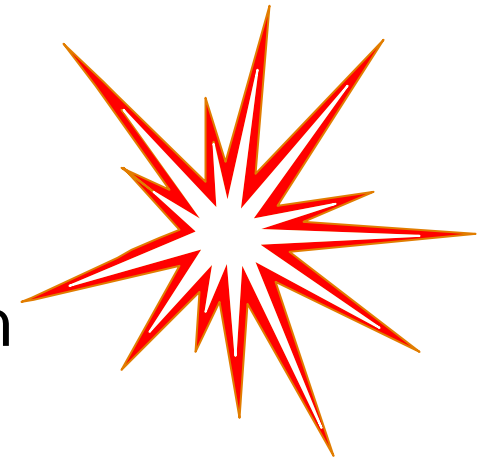


- V5R1 runs on all AS/400 (RISC) and iSeries systems
- V5R1 requires a minimum main memory of 128MB and a recommended minimum disk size of 8GB
- OS/400 V5R1 requires more free disk space than previous releases
 - Additional 90 MB for installation than installation of V4R5 required
 - Additional 270 MB for installation than installation of V4R4 required
 - Total disk space required for OS/400 is in the range of 350 MB to 1GB
 - OS/400 V5R1 requires Load Source disk unit of 1,967 GB or larger

Software Versioning for V5R1



- Product IDs change from 5769-xxx in V4R5M0 to 5722-xxx in V5R1M0
 - Moving to V5R1M0 involves the following:
 - Reversion SLIC
 - Reversion OS/400
 - Reversion Licensed Program Products
- LPOs and PRPQs Product Identifiers remain 5799
 - But new three character suffix if there is a new V5R1 version
- New PTF and APAR Prefix,
 - SIXXXXX, SEXXXXX,
 - MAXXXXX and MFXXXXX remain the same
- Customers who paid Software subscription in receive V5R1M0 free



Notes: Software Versioning for V5R1



The product identifiers for V5R1M0 will be changing from 5769xxx in V4R5 to 5722xxx in V5R1M0. This will affect the information generated for the product availability object (component SZ). For any LPO's and PRPQ's, the product identifiers will keep the prefix of '5799' but will need to request a new three-character suffix if the LPO/PRPQ plans to ship a V5R1M0-level release.

New Licensed Programs:

5722DE1 - UDB Extenders

5722IP1 - Infoprint Server/400

5722JV1 - new option for Java Developer Kit 1.3

5722PF1 - Print

5722WDS - Websphere Development Studio (many options)

V5 SLIC will have a new product number that is different than the V4 SLIC product number (eg. 5769999 in Version 4 will become 5722999 in Version 5).

Only permit the install or IPL of V5 OS/400 with V5 SLIC.

V5Rn OS/400 will NOT attempt to prevent the execution of any V4Rn LPP's by means of moving program system pointers in the SEPT (System Entry Point Table).

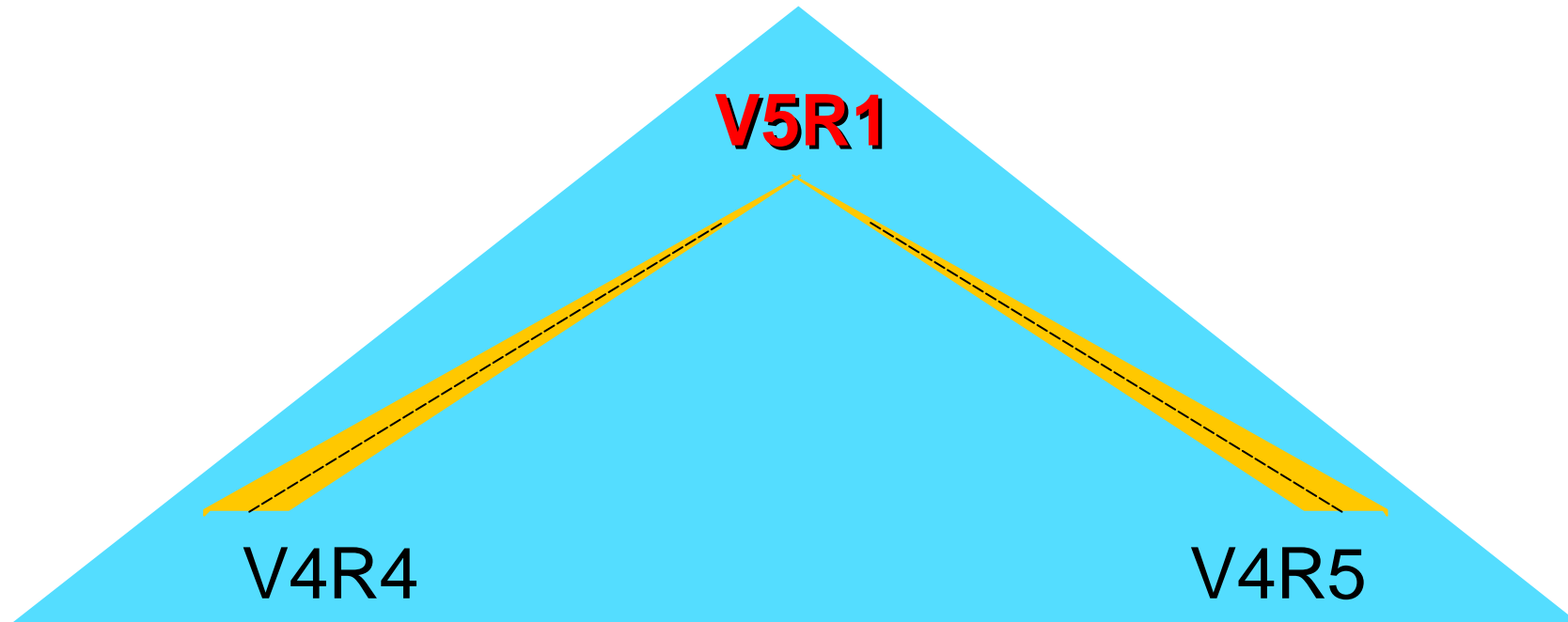
Customers who paid for "software subscription" in Version 4 will receive V5R1 software free. Those customers who did not pay for software subscription will have to pay to receive V5R1 software (as they would for any additional software releases).

Release-to-Release Compatibility



Single Step Upgrade from:

Interoperate, save/restore with:



*TGTRLS will not support any CISC release values

Notes: Release-to-Release Compatibility



Slip install of V5R1M0 can be done over V4R4M0, or V4R5M0

Objects created and saved on a V1Rn or V2Rn or V3Rn or V4Rn AS/400 system will correctly restore and function on a V5R1M0 system. This is a continuation of our existing upward compatibility support.

V5R1 Provide support of the TGTRLS parameter to allow objects that are created & saved on V5R1M0 to be restored & used on V5R1M0, V4R5M0, and V4R4M0.

For V5R1M0 the previous release is defined to be V4R5M0. This is a continuation of our existing support for the TGTRLS(*PRV) parameter.

V5R1 is the first RISC release which does not provide previous release support for at least one CISC release. There are no plans to provide direct CISC->RISC upgrades to V5R1. No support will be claimed for networked interoperability between V5R1 and any CISC AS/400 systems. Command interfaces that have a TGTRLS parameter will not support any CISC release values (i.e. V3R2M0 will no longer be supported).

Support for TGTRLS in V5R1



- *TGTRLS parameter allow objects created and saved on V5R1 can be restored on V5R1, V4R5, V4R4
- SAVSAVFDTA command enhanced
 - Restored back to the same target release
 - Release determined by the TGTRLS value specified
- Target release support to following Save/Restore objects
 - V4R4
 - *CRG, *MEDDFN, *MGTCOL, *SQLUDT
 - V4R5
 - No new object types

Notes: Support for TGTRLS in V5R1



- V5R1 Provide support of the TGTRLS parameter to allow objects that are created & saved on V5R1M0 to be restored & used on V5R1M0, V4R5M0, and V4R4M0.
- The SAVSAVFDTA command is enhanced to allow the objects to be restored back to the same set of target releases.
The supported release is determined from the value that was specified on the TGTRLS parameter when the objects were originally saved into the SAVF.

- Add target release support for save/ restoreable objtypes
 - V4R4M0
 - *CRG
 - *MEDDFN
 - *MGTCOL
 - *SQLUDT

 - V4R5M0
 - No new object types that can be save/restored.

Planning Information



- OS/400 V5R1 is the final release to be supported on AS/400 Models 400, 436, 40S, 500, 510, 530, 50S, 53S
- Unsupported License Programms in V5R1 (will be uninstalled)
 - OfficeVision/400
 - OS/400 Advanced 36 SS1 Option 20
 - CA/400 for Windows 5763-XD1 and 5763-XK1
 - Integration for Netware 57xx-SA3
 - Complete list in handbook Softwareinstallation SC42-2049-05
- IBM intends to remove the support of the Windows 95 operating system for the Client Access Express for Windows client
- IBM intends to remove the support of the Windows 95 operating system from AS/400 NetServer

Planning Information continued



- V5R1 is the final release in which the BEST/1 Capacity Planning tool is supported
- V5R1 will be the final release to support the IPX protocol in OS/400
- V5R1 is the final release to ship and support OS/400 Option 4 - S/36 and S/38 Migration, OS/400 Option 11 - S/36 Migration Assistant

Notes: Planning Information



- OS/400 V5R1 is the final release to be supported on AS/400 Models 400, 436, 40S, 500, 510, 530, 50S, 53S
- iSeries Client Access Family: IBM intends to remove the support of the Windows 95 operating system for the Client Access Express for Windows client. Client Access Express on Windows 95 will continue to be supported in V5R1, but not in subsequent releases.
This removal of Windows 95 support applies to all of the functions shipped with Client Access Express, including EZ-Setup, Operations Navigator, Management Central, and Operations Console. Client Access Express for Windows will continue to be supported on the Windows 98, NT 4.0, Me, and 2000 operating systems.
- AS/400 Support for Windows Network Neighborhood (AS/400 NetServer): IBM intends to remove the support of the Windows 95 operating system from AS/400 NetServer. Windows 95 will continue to be supported from AS/400 NetServer in V5R1 but will not be supported in the next release.
AS/400 NetServer will continue to support the Windows 98, NT 4.0, Me, and 2000 operating systems.
- OfficeVision/400: As previously announced, V4R5 is the final release to support OfficeVision/400, and end of program services for OfficeVision/400 is May 31, 2001. OfficeVision/400 will be uninstalled upon upgrading to V5R1, or later releases. Refer to Withdrawal Announcement 999-031, dated February 9, 1999, Service Discontinuance: IBM OfficeVision/400 V4 and IBM OfficeVision JustMail for OS/400 V4.
Refer to Software Announcement 299-192, dated July 20, 1999, OfficeVision/400 has Software Services Extended
- BEST/1: V5R1 is the final release in which the BEST/1 Capacity Planning tool is supported. BEST/1 is included in Performance Tools for iSeries, 5722-PT1. Direction for future capacity planning capabilities will be made available prior to the next OS/400 release.
- Wireless Connection for AS/400 (5798-TBW): V5R1 is the final release to support Wireless Connection for AS/400.
- IPX: V5R1 will be the final release to support the IPX protocol in OS/400. The largest OS/400 users of IPX are customers who have Option 25, Enhanced Integration for Netware. Customers can change their configurations from IPX connectivity to IP connectivity.
- V5R1 is the final release to ship and support OS/400 Option 4 - S/36 and S/38 Migration, OS/400 Option 11 - S/36 Migration Assistant and the RSTS36FLR command within OS/400 used to restore S/36 folders.

Memorandum to Users



- A Memo to User is packaged with V5R1 software distribution
- Reading is highly recommended to prepare for upgrade to V5R1
- Describes changes in V5R1 that can affect programs or system operations
 - SECURITY
 - Trigger Programme (Buffer length)
- Last version on WEB or by ECS
- SF98066 (V5R1)
- SF98056 (V4R5)
- II12556 (additional INFO APAR)



Preparation



■ Use iSeries Info Center CD

- Chapter System planing and installation
- Follow the tasks on Preparation of Softwareinstallation

■ Estimate your Upgrade Time

- Install PTF's from CD received with the SW - Package
- run PGM's **QSYESTMT** estimate Userprofile Conversion SA92050
- run PGM's **QSPESTMT** estimate Spoolfile Conversion SA91007



■ Cleanup the system and save conversion time

- Spoolfiles
- Benutzerprofile
- IFS-Files

■ APYPTF permanently

■ Run RCLSTG

Preparation continued



■ Read last PSP on Web or via ECS

- www.as400service.ibm.com
- SNDPTFORD
- Memo to User SF98066
- Software Installation SF98060



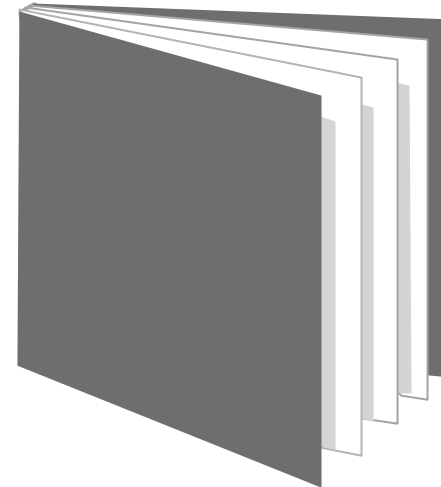
■ Order last PTF's

- SF99510 Cum. CD's (11.02.)
- SF99097 Hiper PTF's
- SF99501 DB-Group PTF
- SF99078 Save/Restore
- Group PTF's for Websphere, HTTP-Server, Java etc..
- CA Express last SP SI01037 (Minimum), SI02795 (Current).

Installation



- Save your System (Go SAVE Option 21)
- Use book **Softwareinstallation**
- Choose automatic or manuell
- Follow the steps
- Install PTF's step per step
 - Start CUM CD
 - Hiper
 - Group



New Specify Install Options



- Specify Install Options panel during a manual installation provides new option
- Distribute OS/400 on available disk units
- Customer can select YES or NO
- YES will spread the operating system on all disk units
 - Useful in recovery situations where damaged objects exist
 - Scratch OS/400 objects without losing user data
- NO will restore the object from media over the existing object
 - Will not spread the operating system on all units

Notes: New Specify Install Options



A new function has been provided as an option on the "Specify Install Options" panel displayed during a manual installation of OS/400. The requirement for this added function comes from OS/400 Software Support to address ongoing service problems that require the system to be in this mode to successfully install OS/400 in certain recovery situations. This new option ("Distribute OS/400 on available disk units") allows for the customer to specify one of the following:

1=Yes

This option will create new objects on the system during the install and thus will "spread" the operating system on all disk units configured in the system ASP. Security information, etc. will be copied from the existing system object to the new object and the system object will then be deleted. This option would typically be used in recovery situations where damaged objects exist on the system and the install will not complete successfully. This in essence will "scratch" OS/400 objects on the system without losing user data, etc. This function is performed today under certain situations by modifying the MISR through DST, but there is not external user interface.

2=No

This option will restore the object from media over the existing object on the system and thus will not "spread" the operating system on all disk units configured in the system ASP.

The default for this option will be 2=No except for certain system determined situations. If an install is being done on a system on which newly configured DASD exists in the system ASP, this value will be set to 1=Yes by default. This will cause the OS/400 objects to be "spread" on all units including the newly configured ones.

After Installation



- Check Installation Log
 - Go LICPGM Option 50
- Run STROBJCVN *File against production Libraries see INFO APAR II12556 (multiple jobs possible)
- Enter License Information (70 days period)
- Test your system and applications
- Change Default PWD for DST-User
 - QSRV, QSECOFR, 11111111, 22222222.
 - PWD expired after installation
 - Be careful case sensitive
- Create new DST-User
- Save system

Finish



Everything O.K?

YES, Congratulations you have finished your project and can go for a drink.



NO, go back to the beginning or call for Help.

