

	A	B	C	D
	Attendee	Questions Asked by Attendee	Questions Answered by Margaret	Questions answered by S4i Systems
1	Bob	Can the CPYOPT command be used to copy a physical DVD to a stream file that could be used with an image catalog (i.e. like with the IBM system and licensed software?)	The CPYOPT command is only for copying files from one optical device to another. In order to create an image file from an optical file, use the Add Image Catalog Entry (ADDIMGCLGE) command.	
2	Chris	I am interested in how MQ Series works with the IFS.	MQ Series, or Websphere MQ, does not work directly with the IFS. It is a messaging passing middleware, although configuration files and other files used by MQ will be stored in the IFS. The Websphere MQ File Transfer Edition is a product that builds on top of MQ to chunk files up in to messages and allow you to transfer files between machines. Additional information on the File Transfer Edition can be found at: http://publib.boulder.ibm.com/infocenter/wmqfte/v7r0/index.jsp	
3	Craig	We backup our IFS everyday and the save time has increased tremendously, started at 5-10 minutes now it is using 60+ minutes. We backup using the SAVBRM command in a program. Is there an easy way to clean up the IFS so we can reduce the save times. We do the nightly save as *CUML from the weekend save. I am trying to find objects that are no longer needed.	It is difficult for us to know how you determine which objects are no longer needed. You could use RTVDIRINF and query the results for your 'no longer needed' criteria to determine which objects you can remove. Additionally, I asked one of the BRMS experts about this and got the following reply: I'm guessing that their IFS has grown...they can check by how many objects are being backed up....I would suggest if they want to run incremental...it would be nicer if they used the *LINK and put that in a control group..but this is just a nice way of doing it... SAVBRM is legal. We do have a performance file that we could check to see if what they are saying is true...but they would need to call in Level 2 and get them to send it in for us to look at. SAVBRM is like the SAV command and backs up IFS objects. *CUML means give me all changes since the last FULL save. They can also use a *INCR which means just the changes from the last *INCR. (The customer that wanted just the changes for the day) Another option to lower the number of IFS objects being backed up would be to use the BRMS archive policy that if an object hasn't been touched in a "1 Year" (fill in the time)...that we archive it out to tape...possible they could use dynamic retrieval..so that if it gets touched(Header stays on the system) we'll bring it back for them...otherwise they would just do the restore themselves if the object was needed.	Craig there are tools out there that allow you to clean up your IFS, one such tool is S4i DASD Plus. By running survey over the IFS to identify those items you want to remove a command can be run against that survey to either back it up TEMP to ensure you are positive about the items to remove and then delete the items in the survey from your system.
4	Doug	Can independant ASPs contain traditional System i objects - DB2 files, RPG programs, etc.?	Yes. I don't know all of the details, but you need to be aware of the SETASPGRP command to be able to use library objects in independent ASPs. Also, there is some additional documentation that has been around a while but is still applicable. One link discussing independent ASPs is: http://www-912.ibm.com/as400/v5r2to/pdfs/j02avail.pdf	
5	Glenn	Is the <= 20 chars for the path only or the path and file name.	Only the directories in the path are included in this cache. If the actual object is a directory, then that would be included in the path.	
6	Glynn	Is there any command or way to compare two directory trees; possibly for comparing the same directory tree on different partitions in a HA environment?	I am not aware of any command, but the Qshell diff utility does something like this. On my system I ran something like this in the shell: diff -r <dir1> <dir2> The -r will recurse through the directory tree. I was able run this using a directory in QFileSvr.400 which can access directories on a remote system which could be another partition. There may also be 3rd party applications that do this, but I'm not aware of them.	Yes, you can use third party tools to run a survey, such as DASD-Plus over the objects in libraries or IFS and then export the item list to Excel and compare them side by side.
7	Guillermo	I have a lot of IFS office files for users, files in folders such as /office/pdf an so on. What is the best way to save (backup) each day the used files?	This is similar to a previous question. Please see the answer to Craig's question above. Additionally, there is useful information in the following experience report: http://publib.boulder.ibm.com/infocenter/series/v5r4/topic/experience/ifsystem.pdf as well as http://publib.boulder.ibm.com/infocenter/series/v5r4/index.jsp?topic=/rzalw/rzalwshorten_planned.htm	
8	Rengith	Is there a limitation on the Number of Objects/Stream files in a directory? In the past we have notice that having large number of documents in a single directory had performance issues and backup issue	Each file system may have their own limits. In the "root" (/), QOpenSys and user-defined file systems in ASPs 1-32, we don't have a limit for each directory, but a cumulative limit across these file systems. That limit is 2,147,483,647. Additionally, there is a maximum cumulative number of objects across the user-defined file systems for each independent ASP of 2,147,483,647. These limits are documented in the IBM i Availability Maximum capacities document which can be found in the information center at Availability->Maximum capacities	
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