



# IASP Feasibility Study & Workshop(s) for IBM @server iSeries

## Overview

The iSeries system with OS/400 V5R2 provides support for switched disks and multiple libraries with the same name through a function called IASP's (disk pools). This support has many uses for iSeries customers including:

1. Server Consolidation. Multiple databases on a single iSeries allow customers to perform server consolidation of many systems, each using the same library structure, into a single OS/400 environment.
2. High Availability. Because the IASP's are independent, they can be switched through the iSeries Clustering functions to a second system if the first system is unavailable during a scheduled upgrade or an unplanned outage. This provides the basis of a highly available application environment.
3. Advanced Shark functions. The IASP support combined with Clustering will allow customers to use some of the advanced Shark functions like FlashCopy® to get a snapshot of their data which they can then save from a second system.
4. Moving save files or large quantities of data between iSeries can be accomplished using the IASP and iSeries Clustering support.

To use IASP's, customers modify their work management environment to provide users access to the correct libraries and objects. In most instances, IASP's can be implemented without changing any application code.

## Feasibility Study & Workshop

The IASP Feasibility Workshop is designed to assist customers who are thinking of using IASP's, and need to do an initial proof of concept without investing heavily in time or hardware.

The workshop offers customers the ability to obtain a base level of education on IASP and iSeries Cluster functions, and provides an opportunity to load their code on an IBM system to perform the proof of concept. Additionally, the system will be set up in a clustered environment to allow customers to test switching an IASP to another system for HA. The workshop will be 3 to 4 days depending on the functions that are tested: 2 to 3 days for IASP and/or clustering education and 1 to 2 days of loading and testing the application on the IBM system.

## Details

The IASP Feasibility Workshop is NOT designed to provide performance information. The systems are provided for functional testing only. If required, a performance study may be scheduled at an IBM benchmark center.

The systems available for use in the workshop will be IBM eServer iSeries Model 270's with 1 to 2G main storage, up to 105G of disk available in the system ASP and up to 105G

available for up to 6 IASP's. It is suggested that a sample of the customer database sufficient to test the application function should be used for the proof of concept.

Select the service required from the following table:

### 3 Day Server Consolidation Workshop

| Days | Description   |
|------|---|
| 1.5  | Base education on IASP's. This hands-on module teaches the basics of using IASP's and how to move applications into the IASP environment.   |
| 0.5  | Using IASP's for server consolidation. This hands-on module teaches how to structure the iSeries environment for using IASP's to run multiple instances of a single environment for server consolidation. |
| 1.0  | Load and test your application in the IASP environment.   |

### 4 Day Clustering Workshop

| Days | Description   |
|------|---|
| 1.5  | Base education on IASP's. This hands-on module teaches the basics of using IASP's and how to move applications into the IASP environment.                         |
| 1.0  | Load and test your application in the IASP environment.   |
| 1.5  | Clustering for high availability. This hands-on module teaches the basics of clustering for high availability and how to use switched IASP's in this environment. |

## Deliverables

The deliverables from the IASP Feasibility Workshop(s) are:

1. A copy of all education material covered in the study.
2. Changes made to the customer environment.
3. Completed worksheets that are customized to facilitate implementation of IASP's at the customer site.

## Locations

IBM Rochester  
3605 Hwy 52 North  
Minnesota

IBM Montpellier  
Parc Industriel La Pompignane  
Rue de la vieille poste - BP81021  
34006 Montpellier Cedex

## For more information

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