



The Mainstream

An article from the IBM @server zSeries software newsletter



Find the current version of The Mainstream here ibm.com/software/zseries/mainstream

Free at Last: IBM removes barriers for online viewing of disparate reporting formats.

*from The Mainstream, Issue 8 - 2004
The IBM @server zSeries and S/390 software newsletter*

Over the years, you've stored gigabytes—perhaps terabytes—of archived reports in your current system. Keeping that information intact and accessible may have prevented you from switching to IBM® Tivoli® Output Manager for z/OS®, and enjoying the associated cost savings.

For legal reasons, business purposes, or both, many enterprises must retain old reports for years, in the event that this information may need to be accessed. Converting that massive amount of archived data—data that may or may not be viewed in the future—has traditionally been a challenging and time-consuming task.

Now with the announcement of IBM Tivoli Output Manager for z/OS Version 2.1, you can dramatically reduce the time and effort of migrating from your current online ISV output viewing products, through a new product feature called Archive Viewer.

Retain archived information while migrating to Tivoli Output Manager

Moving to a new output management tools can present a daunting challenge. What do you do with the years of stored reports that are required for legal or practical purposes? The thought of conversion would make any administrator's head spin. Migration could take years, and who has time for that? The solution is Tivoli Output Manager. First, use your existing utilities to obtain data about archive directory contents. This data is then loaded into Tivoli Output Manager, then, as needed, the Archive Viewer facility lets you:

- Recall these old reports,
- View them directly within Tivoli Output Manager, and
- Convert and store them “on the fly,” if desired, into Tivoli Output Manager's reporting format.



ibm.com/software/zseries/mainstream

By utilizing this new Archive Viewer feature, you can achieve dramatic time and cost savings while migrating to Tivoli Output Manager V2.1—versus the previous alternative “all or nothing” strategy of converting output archives. The Archive Viewer feature has been introduced in this the latest version of Tivoli Output Manager, version 2.1. This current version only supports reports stored using CA-View.

Easy migration isn't the half of it

While easy migration of archived reports is a key benefit of Tivoli Output Manager V2.1, it's not the only one. Among the product's new features are:

Web-based report viewer allows you to view Tivoli Output Manager V2.1 archived system output (SYSOUT) and custom reports using a common Web browser such as Microsoft® Internet Explorer.

Banner pages let you provide additional information with your printed reports.

Recall of HSM migrated reports provide a batch recall process for HSM-migrated data sets, so you can recall HSM migrated data sets for use with Tivoli Output Manager.

Catalog synchronization lets you keep Tivoli Output Manager archive report tables in sync with your z/OS catalog.

User messages allow administrators to set four categories of messages: system, administrator, auditor and user. The message category corresponds to the class of user to which the message is displayed.

Internal and external security is built into Tivoli Output Manager V2.1.

- External security lets you manage and secure resources by leveraging existing Resource Access Control Facility (RACF®) security via the product's Security Authorization Facility (SAF) router interface.



ibm.com/software/zseries/mainstream

- Internal security lets you categorize users into three groups (users, administrators, auditors), and is designed to provide each user group with the appropriate access to product functionality.

Tivoli Output Manager V2.1 also addresses security at the archive data set level. By leveraging the RACF security definitions in your environment, you can establish the level of access to archive data sets for each user.

Exception processing examines Job Entry System (JES) data sets during standard output capture to help identify and highlight exceptional conditions.

Subselector rules allow report administrators to assign different attributes to SYSOUT chosen by the same selector. This lets you specify different retention periods for captured reports at a more granular level.

Impressive enhancements from Version 1.1

Tivoli Output Manager for z/OS Version 2.1 also contains several productivity-improving enhancements over Version 1.1. They include:

Copy, cut, and paste commands are available on some detail-level panels. These commands allow you to copy/cut information from existing detail-level panels, and paste information from the clipboard into new panels, where you can edit the information as needed.

Activate command allows report administrators to activate the current policy from within the application's dialog.

Print confirmation is displayed whenever you request a print or reprint. This allows you to confirm what is to be printed prior to it being printed. Preferences can be set to turn off the confirmation.



ibm.com/software/zseries/mainstream

Layout assistance tools can help you create layout information. By assigning a PF key when using Interactive System Productivity Facility (ISPF) view or edit, you can place the cursor on the field in a report and press the PF key, and a message is produced showing the row and column number of that field.

Report requeuing lets you specify the output class and destination to requeue output for normal error and line limit dispositions.

One tool, many output management functions

IBM Tivoli Output Manager for z/OS V2.1 provides many z/OS application output management capabilities in a single tool. That's a vast improvement over the multiple z/OS-based tools or facilities that you may have previously required. Now you can:

- Access reports via a Web browser.
- Quickly identify which reports are to be captured.
- Recall third-party archived and HSM migrated reports.
- Designate named recipients via distribution lists.
- Easily divide and distribute data outputs appropriately with rules-based management.
- Increase efficiency and convenience when utilizing online and batch printing.

The price is right

IBM Tivoli Output Manager is attractively priced. In addition, Output Manager uses IBM's Value Unit based pricing. Value Unit pricing is based on MSUs (millions of service units per hour). This provides for a lower price per MSU for larger capacities.

There's also a price benefit if you expand your capacity. Additional capacity is based on the number of MSUs you've already installed. For example, additional capacity will not be priced based on the higher price per unit, but rather on the capacity you've already installed.

To lower your costs further, IPLA licenses can be transferred from one machine to another within, but not limited to, an enterprise. You can aggregate the capacity for all the processors the product is operated on. That results in a single Proof of Entitlement.**



The Mainstream

5

ibm.com/software/zseries/mainstream

For more information about the online viewing, reporting and distribution capabilities of IBM Tivoli Output Manager V2, please contact Amir Rakha at arakha@us.ibm.com, or visit: ibm.com/software/tivoli/products/output-mgr/

IBM Tivoli Output Manager for z/OS V2.1 is capable as of February 24, 2004, when used in accordance with IBM's associated documentation, of satisfying the applicable requirements of Section 508 of the Rehabilitation Act, provided that any assistive technology used with the product properly interoperates with it.

* Value Units of a given product cannot be exchanged, interchanged, or aggregated with Value Units of another product.

** It is your responsibility to manage the distribution of Value Units within the limits of the entitlement of the product license. Subscription and Support must cover the same capacity as the product license entitlement. Subscription and Support will be available in the country in which the agreement is made.

IBM, the IBM logo, RACF, Tivoli and z/OS are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries, or both.

Microsoft is a registered trademark of Microsoft Corporation.

Other company, product and service names may be trademarks, or service marks of others.