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1) **Tech Papers**

Analyzing Hydra Historical Statistics - Part 4

Fabio Massimo Ottaviani - EPV Technologies

The IBM Virtualization Engine TS7700, code named Hydra, is the new generation of tape virtualization solution for mainframe systems designed to replace the IBM Virtual Tape Server (VTS).

The Hydra architecture has been completely redesigned to make it more modular and scalable and to allow an easy implementation of advanced Disaster Recovery and Business Continuity solutions. The Hydra statistics production system has also been redesigned to provide all the needed metrics.

Two types of statistics are provided:

- Point-in-time statistics are useful to understand what's happening in the TS7700 subsystem at this moment; data provided by this type of statistic is a snapshot of the activity over the last 15-second interval; each new 15-second interval data overlays the previous interval's data;
- Historical statistics are useful to understand how you are using TS7700 resources; the data provided by this type of statistic is captured over a 15-minute interval; each new 15-minute interval data does not overlay the prior interval's data; 90 rolling days of historical statistics are kept in the TS7700 subsystem database.

Historical statistics are designed to support Performance Analysis and Capacity Planning activities so they are essential information to collect, trend and analyze.

In this paper we'll discuss the available historical statistics data types (records) focusing on the most important metrics from the performance analyst perspective.

*If you want to receive the paper you can reply to this e-mail writing **"Analyzing Hydra***

Historical Statistics - Part 4" in the subject

2) Tech News

CMG-Italia events in 2010

Capacity Management of Virtual Tape Solutions

Virtual tapes are nowadays an essential part of high data availability and disaster recovery solutions in place at most sites.

They also account for a consistent part of IT infrastructure costs.

Some of the leading technologies in the market will be discussed, during this workshop, focusing on:

- available metrics and reports;
- Disaster Recovery best practices;
- Capacity Planning methodologies.

The workshop will be held on **March 2010** in Milano.

More details soon at: <http://www.cmgitalia.it>

XXIV CMG-Italia & EuroCMG

The XXIV CMG-Italia Annual Conference will be held in Rome on **19 and 20 May 2010**.

This year conference will host the XIII edition of the EuroCMG with presentations coming from all the European CMGs.

The conference themes will be:

- Reducing Mainframe Costs
- Virtualization & Cloud Computing

More details soon at: <http://www.cmgitalia.it>

3) Tech Notes

IBM WSC White Papers

IBM Virtualization Engine TS7700 Series Statistical Data Format

This document provides the definition of the TS7700 Virtualization Engine statistical records. The document is updated for TS7700 Release 1.6.

The paper is available at:

<http://www-03.ibm.com/support/techdocs/atsmastr.nsf/WebIndex/WP100829>

WebSphere z/OS - The Value of Co-Location

One of the value propositions of WebSphere Application Server (WAS) for z/OS is the ability to collocate the application layer with the data layer in the same z/OS operating system instance. This leverages many of the inherent advantages of the System z hardware and z/OS operating system to be exploited to your business advantage ...

The paper is available at:

<http://www-03.ibm.com/support/techdocs/atmastr.nsf/WebIndex/WP101476>

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