



## In this number

1) **Tech Papers** - Practical Capacity Planning in 2010: zAAP and zIIP - Part 1

2) **Tech News** - Events in 2010

UKCMG Northern Regional Meeting

CMG-Italia Workshop - Capacity Management of Virtual Tape Solutions

CECMG 2010

UKCMG TEC 2010

IBM System z Technical University

XXIV CMG-Italia & EuroCMG

3) **Tech Support** - OA29595: INCREASE ELAPSED TIME WHEN RUNNING Z/OS 1.10 ON A D/T2094



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## 1) **Tech Papers**

### **Practical Capacity Planning in 2010: zAAP and zIIP - Part 1**

When IBM released zAAP (2004) and zIIP(2006) most companies decided to acquire a few of these specialty engines (sometimes just one) to verify if they really could help in reducing software costs. This is probably the reason why Capacity Planning activities to size these specialty processors have been performed in a very rough and ready way at the beginning.

The situation in 2010 is completely different: zAAP and zIIP have become an essential hardware resource at many customer sites (many companies use a lot of zAAP and zIIP) and managers now understand very clearly that their exploitation can allow considerable software cost savings.

So zAAP and zIIP Capacity Planning has to be much more accurate than in the past.

From a conceptual point of view the process is always the same:

- evaluate current capacity (or expected capacity if you dont have zAAP and zIIP yet);
- estimate the utilization baseline;
- estimate the workload growth;
- forecast future resource needs.

However zAAP and zIIP implementation presents some unique characteristics which require special care when performing the above Capacity Planning steps.

This paper discusses them.

*If you want to receive the paper you can reply to this e-mail writing **"Practical Capacity Planning in 2010: zAAP and zIIP - Part 1"** in the subject*

## 2) Tech News

### Events in 2010

#### **UKCMG Northern Regional Meeting**

The meeting will be held on **2 March 2010** at the JD Williams Offices in Manchester.

More details soon at: <http://www.ukcmg.org.uk/events.html?id=53>

#### **CMG-Italia Workshop - 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 **4 March 2010** in Milano.

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

#### **CECMG 2010**

The Central Europe CMG Annual Conference will be held on **17-19 March 2010** in Darmstadt.

EPV Technologies will present "Capacity Planning Issues in 2010" on 18 March at 16:00 in Salon Bremen.

More details soon at: <http://www.cecmg.de/>

#### **UKCMG TEC 2010**

The UKCMG TEC 2010 Conference will be held on **17 and 18 May 2010** at the Oxford Belfry Hotel, Thame, Oxfordshire

More details soon at: <http://www.ukcmg.org.uk/tec2010conference.html>

### **IBM System z Technical University**

The IBM System z Technical Conference will be held on **17-21 May 2010** in Berlin.

More details at: <http://www-304.ibm.com/jct03001c/services/learning/ites.wss?pageType=page&c=T156786F45994W11>

### **XXIV CMG-Italia & EuroCMG**

The XXIV CMG-Italia Annual Conference will be held on **25 and 26 May 2010** in Rome. This year conference will host the XIII edition of the EuroCMG with presentations coming from other CMGs.

The conference themes will be:

- Reducing Mainframe Costs
- Virtualization & Cloud Computing

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

### 3) Tech Support

#### **OA29595: INCREASE ELAPSED TIME WHEN RUNNING Z/OS 1.10 ON A D/T2094**

*When migrating to z/OS 1.10, it is possible to see an increase in elapsed time for low priority work when running on a D/T2094.*

*The problem can also occur when running on a z10 with HiperDispatch=NO specified.*

*The jobs with the increased elapsed time will show significant cpu delay even though the system is not busy.*

*This problem is not limited to lower priority workload and can also effect response times for high priority transactions.*

More details available at: <http://www-01.ibm.com/support/docview.wss?uid=isg1OA29595>

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