EPV User Group 2018

IT Cost under Control

Performance and Capacity Planning
for mainframe

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October, 11th 2018
Hotel Cicerone
Via Cicerone, 55/c, 00193 Roma

EPV User Group 2018 - Agenda
11 October 2018

Time	Session	Speaker	Company	Type
09:30	Introduction - products overview	Danilo Gipponi	EPV Technologies	
09:45	EPV for CICS preview	Fabio Massimo Ottaviani	EPV Technologies	PP
10:00	From TDS to EPV/Hadoop	José Ramon Megía	PRODUBAN	UE
10:15	Big data and machine learning for SMF data	Marco Pani	CEDACRI	UE
10:45	EPV for Big Data update	Matteo Bottazzi	EPV Technologies	PP
11:00	coffee break			
11:30	Advanced architecture for SMF data collection	Fabio Paparo	INTESA SANPAOLO	UE
11:45	Using the MyEPV GUI	Stefano Rotunno	EPV Technologies	PP
12:15	MyEPV Quickview: system and batch control	Daniel Cohen Austrowiek, Mark Cohen Austrowiek	EPV Technologies	PP
12:45	Lunch			
14:00	EPV Migration from SAS to WPS	Maria Paola Bramosi	V-TServices	UE
14:30	What's New in EPV for MQ V14	Giuseppe Giacomodonato	EPV Technologies	PP
15:00	Tuning Db2 in MPS	Roberto Gioi	CONSORZIO MPS	UE
15:30	Measuring Db2 locks and latches	Fabio Massimo Ottaviani	EPV Technologies	MT
16:30	End			

EPV for CICS preview (PP)
It is an overview of the new EPV for CICS product, currently under development. Product input, architecture and HTML pages design will be presented.

From TDS to EPV/Hadoop (UE)
In 2017 we started a project to migrate all the reporting (SLR and Cost/Accounting) from TDS to EPV.
Given the huge amount of data to be managed on a daily basis we selected Hadoop as our target environment.
The paper will shortly describe the project, the problems and the solutions.

Big data and machine learning for SMF data
We will describe an integrated EPV hadoop production environment with Spark reporting analysis focused on Cost/Accounting and usage of machine learning techniques.
The value of the paper is in the fact that we describe a real case, a production environment, whereas on the web you find only theoretical approach descriptions.

EPV for Big Data update (PP)
Working with bigger and bigger customers, we've faced the limits of the standard SQL databases. That's the reason why we are creating the Big Data suite of products: with Hadoop/Impala compatibility, EPV will be able to perform super fast even with terabytes of data

Advanced architecture for SMF data collection (UE)
Every day we send many SMF dumps from many different LPARs to the EPV Server. To record the success of every shipment,
avoid duplicates and holes, and to manage the complexity of the entire environment we have developed
an application that guarantees the integrity of the whole process.

Using the MyEPV GUI (PP)
MyEPV provides an XML-like meta language allowing to easily create any kind of HTML navigable pages and graphs also putting together technical and business information. The MyEPV GUI makes the user transparent to the meta language allowing to create pages and graphs by exploiting a user friendly interface.

MyEPV Quickview: system and batch control (PP)
MyEPV Quick View is an EPV solution, including small packages, built by exploiting the MyEPV functionalities and designed to focus on specific z/OS performance areas.
In this presentation, we will discuss the SYSTEM and JOB DELAYS packages showing how to use them to control system and job performance at a glance.

EPV Migration from SAS to WPS (UE)
V-TServices is an outsourcing Company.This year a major customer of ours decided to drop The SAS System from the Mainframe, and replace it with WPS.
EPV and all the Cost/management procedures were based on SAS/MXG/IT Service Vision.
The aim of the presentation is to describe the issues we faced and how we were able to migrate
EPV and all the related applications to the new architecture.

What's new in EPV for MQ V14 (PP)
The most important new features and functions provided in the last version of EPV for MQ will be presented.

Tuning Db2 in MPS (UE)
This presentation describes a systematic approach to keep DB2 subsystems healthy leveraging on EPV for DB2.
Often we tend to apply several changes or improvement to our systems in a single shot. In this case by executing tuning activities one at a time in a pre-ordered plan we have been able to measure the impact end effectiveness of the each implementation.

Measuring Db2 locks and latches (MT)
One of the most important goals of any DBMS is to provide data concurrency by enabling multiple users to access the same data without compromising data consistency and integrity.
To reach this goal Db2 combines many different serializing mechanisms such as : Db2 Latches, IRLM latches, Locks, Global Locks (L-Locks and P-Locks) in data sharing environments.
In this presentation, we will discuss the most relevant metrics, provided in Db2 statistics and accounting traces, showing how to use them to control and tune Db2 locks and latches.

All the presentations will be written in English
UE = User Experience, PP = Product Presentation, MT = Methodology