1.	Record Nr.	UNINA9910820961603321
	Autore	Bruni Paolo
	Titolo	DB2 for z/OS DM and OS/390 Version 7 : selected performance topics / / [Paolo Bruni, Florence Dubois, Claudio Nacamatsu]
	Pubbl/distr/stampa	[San Jose, Calif.], : IBM, International Technical Support Organization, 2002
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (150 p.)
	Collana	Redbooks
	Altri autori (Persone)	DuboisFlorence NacamatsuClaudio
	Disciplina	005.75/65
	Soggetti	Database management
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	"November 2002." "SG24-6894-00."
	Nota di bibliografia	Includes bibliographical references (p. 119-121) and index.
	Nota di contenuto	Front cover -- Contents -- Figures -- Tables -- Examples -- Notices -- Trademarks -- Preface -- The team that wrote this redbook -- Become a published author -- Comments welcome -- Chapter 1. Introduction -- 1.1 Evolution of DB2 V7 -- 1.2 Contents of this redbook -- Chapter 2. FICON -- 2.1 Description -- 2.2 Performance measurement environment -- 2.3 Performance measurement results -- 2.3.1 DB2 transaction workload -- 2.3.2 DB2 logging -- 2.3.3 DB2 queries -- 2.3.4 DB2 utilities -- 2.3.5 Summary -- 2.4 VSAM striping -- Chapter 3. Enhanced Instrumentation Facility -- 3.1 DBM1 storage monitoring -- 3.1.1 z/Architecture and DB2 for z/OS -- 3.1.2 Storage manager pool statistics -- 3.1.3 DB2 PM statistics report: DBM1 storage statistics -- 3.1.4 DB2 PM record trace: storage manager pool summary -- 3.2 Other new IFCIDs -- 3.2.1 IFCID 0234 -- 3.2.2 IFCID 0334 -- 3.3 Changed IFCIDs -- 3.4 DB2 PM workstation interface enhancements -- 3.4.1 New Workstation Online Monitor functions -- 3.4.2 The Performance Warehouse function -- Chapter 4. Java support -- 4.1 JDBC and SQLJ -- 4.1.1 JDBC overview -- 4.1.2 SQLJ overview -- 4.2 SQLJ versus JDBC -- 4.2.1 Reasons to use SQLJ -- 4.2.2 Reasons to use JDBC -- 4.2.3 SQLJ and JDBC inter-operability -- 4.3 Enhancements to JDBC/SQLJ driver -- 4.4 Guidelines for high performance when using JDBC/SQLJ -- 4.4.1 Design guidelines for applications -- 4.4.2

Sommario/riassunto	Performance measurements are ongoing during the life of each release of DB2 for OS/390. DB2 for z/OS and OS/390 Version 7 (DB2 V7 throughout this document) has introduced several enhancements in the areas of performance and availability, and other enhancements are currently being added. Most of these enhancements and the related performance measurements implemented in the Silicon Valley Laboratory have been documented in the IBM Redbooks publication DB2 for z/OS and OS/390 Version 7 Performance Topics, SG24-6129. However, information on new DB2 functions and their synergy with the evolving zSeries platform is of great value for strategic investments, and more performance measurements are under way. Currently these measurements have included topics such as FICON, Java support, CICS interface, and DB2 OLAP Server. This book is meant to provide an update on the new measurements that have been implemented, and to point out the performance related maintenance that has been shipped after general availability of DB2 for z/OS Version 7. The information here contained is intended to help managers and professionals understand and evaluate the applicability to their environment of these recent functions of DB2 V7. This book replaces the IBM Redpaper that was made available in February 2002, with the same title, and provides more up-to-date information.