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Sommario/riassunto

This IBM Redbooks publication is the second volume of a series of redbooks called IMS in the Parallel Sysplex. These redbooks describe how IMS exploits the Parallel Sysplex functions and how to plan for, implement, and operate IMS systems working together in a Parallel Sysplex. We use the term IMSplex to refer to multiple IMSs, which are cooperating with each other in a Parallel Sysplex environment to process a common shared workload. Although we generally think of an IMSplex in terms of online environments, an IMSplex can include batch IMS jobs as well as IMS utilities. IMS in the Parallel Sysplex, Volume I: Reviewing the IMSplex Technology, SG24-6908 described the Parallel

Sysplex and how IMS exploits the Parallel Sysplex to provide user services including data sharing, shared queues, VTAM generic resources, automatic restart management (ARM), and systems management functions. When migrating an IMS system from a single, non-sharing environment to one which invokes some or all of these services, or even when incorporating additional function into an existing IMSplex (for example, upgrading a data sharing system to also use shared queues), the migration process must be carefully planned. Many decisions must be made, compromises made, perhaps even some application or database changes made. There will be changes to system definition and to operational procedures. This book addresses the development of the migration plan and identifies some of the steps and considerations you might encounter when developing the plan. The result of this exercise is not to perform any of the implementation tasks but to identify those tasks which must be done and to create a plan for accomplishing them. For example, the plan can identify as a task the establishment of a naming convention for system data sets. The naming convention itself is not a part of the plan, but is a result of implementing the plan. In this book we present planning considerations for the IMSplex. Separate chapters are devoted to: -Block level data sharing -Shared queues -Connectivity -Systems management -The overall IMSplex environment The other volumes in this series are: -IMS in the Parallel Sysplex, Volume I: Reviewing the IMSplex Technology, SG24-6908 -IMS in the Parallel Sysplex, Volume III: IMSplex Implementation and Operations, SG24-6929