

1. Record Nr.	UNINA9910961920103321
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Titolo	Oracle 11g R1/R2 real application clusters essentials : design, implement, and support complex Oracle 11g RAC environments for real-world deployments // Ben Prusinski, Syed Jaffer Hussain
Pubbl/distr/stampa	Birmingham, U.K., : Packt Enterprise Pub., 2011
ISBN	9786613349613 9781283349611 1283349612 9781849682671 1849682674
Edizione	[1st edition]
Descrizione fisica	1 online resource (552 p.)
Altri autori (Persone)	HussainS. Jaffer (Syed Jaffer)
Disciplina	005.7565 005.7575
Soggetti	Relational databases Database management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Cover; Copyright; Credits; About the Authors; About the Reviewers; www.PacktPub.com; Table of Contents; Preface; Chapter 1:High Availability; High availability concepts; Planned versus unplanned downtime; Service Level Agreements for high availability; High availability interpretations; Recovery time and high availability; System design for high availability; Business Continuity and high availability; Disaster Recovery; Business Continuity and Disaster Recovery guidelines; Fault-tolerant systems and high availability; Requirements for implementing fault tolerance Fault tolerance and replicationHigh availability solutions for Oracle; Oracle Data Guard; Oracle Streams; Oracle Application Server Clustering; High availability: Oracle 11g R1 Real Application Clusters (RAC); High availability: Oracle 11g R2 Real Application Clusters (RAC); Summary; Chapter 2:Oracle 11g RAC Architecture; Oracle 11g RAC architecture; Certification matrix for Oracle 11g RAC architecture; Hardware architecture for Oracle 11g RAC; Server configurations for

Oracle 11g RAC; CPU processors; Choosing between 32-bit and 64-bit CPU architectures; Dual core and multicore processors
Network architecture for Oracle 11g RACThe private network and the Oracle 11g RAC interconnect; Choices for private interconnect and 11g RAC; Redundancy for Ethernet interconnects with 11g RAC; Network bonding (NIC teaming); Storage architecture for Oracle 11g RAC; RAID configurations for Oracle 11g RAC; RAID 0 (striping); RAID 1 (mirroring); RAID 5 (striped with parity); RAID 10 (striped mirrors); Third-party RAID implementations; IBM AIX LPAR disk volume management for RAID; Linux volume management for RAID configuration; Storage protocols for RAC; SCSI; Fibre Channel Point-to-Point (FC-P2P)Fibre Channel Arbitrated Loop (FC-AL); Fibre Channel Switched Fabric (FC-SW); Which Fibre Channel topology is best?; iSCSI; Which storage protocol is best for RAC?; Asynchronous I/O versus Direct I/O for Oracle 11g RAC; Oracle 11g RAC components; Voting Disk; Oracle Cluster Registry; Oracle 11g R1 RAC background processes; ACMS Atomic Controlfile to Memory Service; GTX0-j Global Transaction Process; LMON Global Enqueue Service Monitor; LMD Global Enqueue Service Daemon; LMS Global Cache Service Process; LCK0 Instance Enqueue Process
RMSn Oracle RAC Management ProcessesRSMN Remote Slave Monitor; Oracle 11g R2 RAC background processes; Grid Plug and Play; Grid Interprocess Communication; Multicast Domain Name Service; Oracle Grid Naming Service; How RAC differs from Oracle 11g single-instance implementations; New ASM features and RAC; New SYSASM privilege for Oracle 11g R1 ASM; Oracle 11g R2 ASM features; OCR and Voting Disk stored in ASM; Oracle Automatic Storage Management Cluster Filesystem (Oracle ACFS); New Oracle 11g ASM Disk Group compatibility features; Summary; Chapter 3:Clusterware Installation
Preparing for a cluster installation

Sommario/riassunto

Design, implement, and support complex Oracle 11g RAC environments for real world deployments with this book and eBook

2. Record Nr.	UNINA9910967792203321
Autore	Viroj Wiwanitkit
Titolo	Genes and nutrition / / Viroj Wiwanitkit
Pubbl/distr/stampa	New York, : Nova Biomedical Books, c2010
ISBN	1-61209-417-1
Edizione	[1st ed.]
Descrizione fisica	1 online resource (92 p.)
Collana	Genetics--research and issues series
Disciplina	612.3
Soggetti	Nutrition - Genetic aspects Functional genomics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction to genes and nutrition -- Nutrigenomics and nutrigenetics / Kamon Chaayasit -- Databases and tools in nutrigenomics -- Vitamin D polymorphism and cancer -- Nutrition and viral mutation: a brief review -- Physiological genomics analysis on "nutrition" -- Mutation prone points in transferrin receptors -- Mutation prone points in MC4 receptors -- Elongation of beta globin chains in hemoglobin tak disorder might be preventive factor for complication due to energy consumption in hemoglobin A1C formation in poor controlled diabetes mellitus -- Identification of mutation prone points in long-chain 3-hydroxyacyl-CoA dehydrogenase deficiency -- Blood borne viral pathogens in breastmilk and the feasibility of it passing thorough the enterocytes of an infant: an example of direct interrelationship between genetic particles and nutrition -- A summary on Pompe disease, an inherited abnormality of glycogen, in Thailand.
Sommario/riassunto	At present, two important factors contributing to diseases are environmental and genetic factors. The focus on gene and nutrition leads to new emerging sciences, nutrigenetics and nutrigenomics. In the study, the authors focus on research and report on these aspects.