1. Record Nr. UNINA9910814112303321

Titolo	IBM Tivoli monitoring version 5.1 : advanced resource monitoring / / [Stephen Hochstetler ... et al.]
Pubbl/distr/stampa	Austin, : IBM International Technical Support Organization, 2002
Edizione	[3rd ed.]
Descrizione fisica	xxvi, 556 p. : ill
Collana	Redbooks
Altri autori (Persone)	HochstetlerStephen
Disciplina	004.2/4
Soggetti	Computer systems - Evaluation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"October 2002." "SG24-5519-02."
Nota di bibliografia	Includes bibliographical references (p. 533-535) and index.
Nota di contenuto	Front cover -- Contents -- Figures -- Tables -- Notices -- Trademarks -- Preface -- The team that wrote this redbook -- Become a published author -- Comments welcome -- Summary of changes -- October 2002, Third Edition -- Part 1 Planning -- Chapter 1. Introduction -- 1.1 Overview -- 1.2 Architecture -- 1.3 Integration with Common Information Model -- 1.4 Resource model -- 1.5 New features -- 1.5.1 Mdist2 support -- 1.5.2 Web Health Console -- 1.5.3 Migrating from Tivoli Distributed Monitoring (Classic Edition) -- 1.5.4 Migrating from Tivoli Web Component Manager -- 1.5.5 Tivoli Enterprise Data Warehouse Support -- 1.5.6 Additional response actions -- Chapter 2. Planning the implementation -- 2.1 Systems management -- 2.1.1 Information Technology Infrastructure Library -- 2.1.2 Availability Management -- 2.2 Systems monitoring design considerations -- 2.2.1 High-level design considerations -- 2.2.2 Solution objectives and requirements gathering -- 2.2.3 Environment review and gap analysis -- 2.2.4 Testing -- 2.2.5 Limiting factors -- 2.3 Monitoring systems resources -- 2.4 Resource model overview -- 2.4.1 Resource models -- 2.4.2 Understanding the IBM Tivoli Monitoring 5.1 engine -- 2.4.3 Thresholds and indications -- 2.4.4 Windows resource models -- 2.4.5 Correlated events -- 2.4.6 UNIX resource models -- 2.5 Installation and configuration planning -- 2.5.1 Hardware requirements -- 2.5.2 Software requirements -- 2.6 Planning for migration -- 2.6.1 Think migration, not upgrade -- 2.6.2 Auditing your current environment --

2.6.3 Tivoli Monitoring versions that can coexist -- 2.7 Summary -- Chapter 3. Firewall considerations -- 3.1 The Tivoli Firewall Security Toolbox -- 3.2 Special considerations for firewall environments -- 3.2.1 Web Health Console -- 3.2.2 Distributing Resource Models -- 3.2.3 Endpoint-generated TEC events.
Part 2 Installation and migration -- Chapter 4. Installation and migration -- 4.1 Installation and migration guidelines -- 4.1.1 Project environments -- 4.1.2 Framework requirements -- 4.1.3 Software requirements -- 4.1.4 Migration -- 4.2 Installation and upgrade -- 4.2.1 Fresh Installation of IBM Tivoli Monitoring 5.1 -- 4.2.2 Upgrade to IBM Tivoli Monitoring 5.1 -- 4.2.3 Installing prerequisite software on endpoints -- 4.2.4 Installing JRE -- 4.3 Uninstalling the product -- 4.3.1 Uninstalling IBM Tivoli Monitoring 5.1 from endpoints -- 4.3.2 Uninstalling IBM Tivoli Monitoring 5.1 from the server/gateway -- 4.4 Installing TBSM IBM Tivoli Monitoring 5.1 -- 4.5 Installing Web Health Console -- 4.6 Installing IBM Tivoli Monitoring Historical Data Gathering -- Chapter 5. Migrating Classic Edition monitors -- 5.1 Migration process -- 5.1.1 Migration overview -- 5.1.2 Custom monitors overview -- 5.1.3 Sentry profile analyzer -- 5.2 Classic Edition monitor conversion example -- 5.3 Custom numeric monitor conversion example -- 5.4 Converting a CSL-based monitor -- Chapter 6. Migrating from Tivoli Web Component Manager -- 6.1 Tools -- Part 3 Configuration -- Chapter 7. Heartbeat -- 7.1 Heartbeat overview -- 7.1.1 Endpoint registration -- 7.1.2 Heartbeat monitoring -- 7.1.3 Viewing the endpoint cache -- 7.2 Installing and configuring heartbeat -- 7.3 TEC event classes and rule sets -- 7.3.1 HeartBeat_Off -- 7.3.2 HeartBeat_EndpointUnreachable -- 7.3.3 HeartBeat_DMAgentDown -- 7.3.4 HeartBeat_DMAgentAlive -- 7.3.5 HeartBeat_ResourceModelsInError -- 7.3.6 HeartBeat_DMAgentRestarted -- 7.3.7 HeartBeat_EndpointMigrated -- 7.3.8 Heartbeat-related TEC Rules -- Chapter 8. Web Health Console -- 8.1 Overview of the Web Health Console -- 8.2 Web Health Console components -- 8.3 Defining health -- 8.4 Using the Web Health Console.
8.4.1 Logging on to the Web Health Console -- 8.4.2 The Web Health Console main view -- 8.4.3 The Endpoint List View -- 8.4.4 The Resource Model List View -- Chapter 9. Configure and maintain IBM Tivoli Monitoring Version 5.1 -- 9.1 Configuring IBM Tivoli Monitoring Version 5.1 -- 9.1.1 Creating and customizing profiles -- 9.1.2 Profile distribution -- 9.2 Maintaining your environment -- 9.2.1 IBM Tivoli Monitoring Version 5.1 command line -- 9.2.2 Heartbeat maintenance -- 9.2.3 Directories -- 9.2.4 Logs and files -- 9.3 New classes in the Tivoli database -- 9.3.1 Classes -- 9.3.2 Distinguished -- 9.3.3 Name registry resource types -- Chapter 10. Workbench -- 10.1 New features -- 10.1.1 Compatibility mode -- 10.1.2 Custom scripting support -- 10.1.3 New response actions -- 10.1.4 Customizable messages for TEC and TBSM events -- 10.1.5 Wizard for UNIX resource models -- 10.1.6 New service object APIs -- 10.1.7 New CLI support -- 10.2 Using the Workbench -- 10.2.1 The Workbench panes -- 10.2.2 Elements of a resource model -- 10.2.3 Looking at the PhysicalDiskModel -- 10.3 Resource model examples -- 10.3.1 ITSO_PhysicalDiskModel example -- 10.3.2 ITSO_LogicalDiskModel example -- 10.3.3 ITSO_LoadAvg example -- 10.3.4 ITSO_FileSystem Example -- 10.4 Tools and extra information -- 10.4.1 WorkBench Command Line Interface -- 10.4.2 Resource model internal format -- 10.4.3 Microsoft tools -- 10.4.4 Saxsoft -- 10.4.5 Rhino -- Part 4 Integration -- Chapter 11. TEC integration -- 11.1 Enabling IBM Tivoli Monitoring Version 5.1 to forward events to TEC -- 11.1.1 Configuring

a profile to send events to TEC -- 11.1.2 Configuring the heartbeat function to send events to TEC -- 11.2 Configure TEC to receive events -- 11.2.1 Using the Tivoli-provided script -- 11.2.2 Manual update of TEC rule base -- 11.2.3 Viewing IBM Tivoli Monitoring Version 5.1 events in TEC.
11.2.4 IBM Tivoli Monitoring Version 5.1 event aggregation and TEC -- 11.2.5 IBM Tivoli Monitoring Version 5.1 event classes -- 11.2.6 TMW_Event -- 11.2.7 Clearing events -- 11.2.8 The supplied rule sets -- 11.2.9 Event definitions - Baroc files -- 11.2.10 Event caching on endpoints and gateways -- Chapter 12. Tivoli Business Systems Manager integration -- 12.1 Overview of Tivoli Business Systems Manager -- 12.2 Tivoli Business Systems Manager integration -- 12.3 Install/configure IBM Tivoli Monitoring Version 5.1 TBSM Adapter -- 12.3.1 JRE Version 1.3.0 installation -- 12.3.2 IBM Tivoli Monitoring 5.1 TBSM Adapter installation -- 12.3.3 IBM Tivoli Monitoring 5.1 TBSM Adapter configuration -- 12.4 IBM Tivoli Monitoring 5.1 TBSM Adapter -- 12.4.1 Endpoint discovery -- 12.4.2 Event forwarding to Tivoli Business Systems Manager -- Chapter 13. Data Warehouse -- 13.1 Introduction to Tivoli Enterprise Data Warehouse -- 13.2 IBM Tivoli Monitoring Version 5.1 data flow -- 13.3 Installing IBM Tivoli Monitoring Version 5.1 PAC -- 13.3.1 Installing IBM Tivoli Monitoring Version 5.1 PAC in TEDW -- 13.3.2 Installing IBM Tivoli Monitoring Version 5.1 Data Gathering -- 13.3.3 Explanation of installed tasks/jobs -- 13.4 Configuring TEDW -- 13.5 Creating and configuring the data mart -- 13.6 Creating a report -- Part 5 Troubleshooting -- Chapter 14. Troubleshooting -- 14.1 Logs and traces format -- 14.2 TMR Server logs and traces -- 14.2.1 Profile distribution process -- 14.3 Gateway logs and traces -- 14.3.1 Heartbeat engine traces -- 14.3.2 Task engine trace -- 14.3.3 Tivoli Business Systems Manager engine traces -- 14.3.4 Tivoli Business Systems Manager adapter trace -- 14.3.5 Tivoli Business Systems Manager transport trace -- 14.3.6 Endpoint upcall traces -- 14.3.7 Request manager trace -- 14.3.8 Profile core trace -- 14.4 Endpoint logs.
14.4.1 Common endpoint logs -- 14.4.2 Windows endpoint logs -- 14.4.3 Non-Windows endpoints logs -- 14.4.4 Web Health Console logs and traces -- 14.5 Tools -- 14.5.1 Tool to generate XML file -- 14.5.2 Autotrace -- 14.5.3 Serviceability tasks -- 14.6 Known problems and their resolutions -- 14.7 Problem determination -- Appendix A. Additional material -- Locating the Web material -- Using the Web material -- How to use the Web material -- Abbreviations and acronyms -- Related publications -- IBM Redbooks -- Other resources -- Referenced Web sites -- How to get IBM Redbooks -- IBM Redbooks collections -- Index -- Back cover.