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## Ibm control-m user guide

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Contact BMC as follows (U.S. or Canada), contact the team password, place the order service, or send a message to (Europe) Middle East & Africa) User Guide 4 CONTROL-M 5 Content about this book 17 Convention Grammar Commands Part 1 Start 21 Chapter 1 Chapter 1 Chapter 23 Automatically scheduling your production with CONTROL-M/EM to go from here chapter 2 Working with CONTROL-M/Desktop and CONTROL-M/EM 25 Start CONTROL-M/Desktop Connection to another GUI server that starts CONTROL-M/M/Desktop layout and CONTROL-M/EM understanding of control-m/memory diagrams. Adjust the display return pane to its original location 42 Creating workspaces and loading tasks into CONTROL-M/Desktop Navigating in a 4.It:yourSupportContractID&gt;V graphics page specifies previous tasks and tasks to follow.Assigning Job Types and Related Information Jobs that end the NOT OK assignment that should run on a specific node. 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Task Assignment 307 Access sample draft defragmentation of the company accounting work, invoice, application management, Ex-ITMaintenance, demand management, payroll processing, flight job management, airline company, flight-related communication management, flight-related management, CONTROL-M, user guide 11, defragmentation, maintenance, it department, application, Ex-ITMaintenance, job management, IT backup job, need to manage emergency situations, component management, values, and 325 string matching patterns, using SQL agent characters, functions for the correct template and definition forms, apply the definition of the condition, apply, condition, definition, D, validation, accuracy of the process, process, accuracy of the process, 31, job validation, and job validation requirements. Index 12 12 CONTROL-M 13-digit CONTROL-M/Desktop draft displaying control-m/enterprise manager draft that displays the ViewPoint Criteria node on the Job Edit Form Scheduling tab. On the Job Editing Form Scheduling tab, dialog box, Template dialog box, dialog box, The Form Find and Update dialog box, Window Order/Force Parameters (in the CONTROL-M/Desktop Filter Definition dialog box), window order/force notification dialog box with advanced fields (in CONTROL-M/EM) filled in the /EM Business Services reporting dialog box, the Report Report window, the filter, the emreportctl report template filter - the report tab, the pop-up menu, the column header, the list menu item, the pop-up menu that displays the pop-up menu 14 14, the CONTROL-M 15 menu guide. CONTROL-M/EM only the job status that specifies the color color, the high-level node state - the default sample node type. The CONTROL-M/Server utility job values the correct date value for the entry and exit conditions. Job table management tasks that compare job versions, job versions, delete find job management tasks, and update find operations Find operators Update workers, job management, periodic statistics, communication status fields, and field symbols, active tabs of the Active Tab. Option to find integrated properties in the EMreportctl CONTROL-M/EM parameters, emreportctl parameters, input arguments, emreportctl utility, file description, utility parameters, creating emreportctl reports to look for integrated properties in general settings CONTROL-M / Desktop (general panel). Workspace Settings (Common Workspace Panel) General flow diagram settings (Flowdiagram General Panel), Flowdiagram node settings (Flowdiagram - Node panel), Flow diagram condition settings (Flowdiagram link panel), flow diagram color settings (Flowdiagram color panel), diagnostics, settings (diagnostic panel). Forecast settings (forecast panel) General environment settings (General environment panel) The default settings of the notification panel, notification panel 16-16 control panel - M user guide, default connection, environment settings, display panel environment, symbol, used to write patterns, matching strings, samples of expressions, correct templates, and condition formats 17. This book is intended for all users of CONTROL-M / Organization Manager (CONTROL-M / EM). Each section has chapters that organize each action task into related chapters. To use the information in this book as effectively as possible, read the chapters in the order in which they are presented. Note BMC software recommends that before you use this book, you will be familiar with the concepts presented in the CONTROL-M Concept Guide. Installation and configuration tasks are described in the CONTROL-M installation guide. Those tasks are described in the CONTROL-M Administrator's Manual, as well as most BMC software documentation. Go to the BMC Software Customer Support page to request more printed books or to view books and announcements online (such as release notes and technical forums). Some products and includes online books on cds, documentation. Note If you do not to view, print or copy pdf books, use Adobe Reader for free from Adobe Systems. To access Help, press F1 within any product, or click the Help button in the graphical user interface (GUIs) about this book. Variable text in the path name. System text or syntax is displayed in italic text: testinstance/file name, symbol => connect items in the menu sequence. Confirm from the Actions menu, grammar commands. The following example example syntax statement: COMMAND1 keyword [KEYWORD2 KEYWORD3] Keyword 4={YES NO}. File Name... The following table describes the schema for the syntax command and provides examples: The list in italic type represents the variable that you want to replace with a name or value. If a variable is represented by two or more words, the variable is displayed in the <a0> Brackets specify a group of customized items. Do not type parentheses when you enter an option. A comma means that you can select one or more displayed options. You must use a comma to extract the option if you select more than one option. Brace indicates that at least one enclosed item must be required. Do not type braces when you enter an item. Example directory server alias name [Table name, column name] Field [-full, -incremental, -level] (Unix) {BDBName tablename} Unload device={tape disk, device name file name} {-a-c} (ix) 18 The vertical bar means that you can only select one item. In the example, you choose to accept or cancel. Ellipsis indicates that you can repeat the previous item or item as many times as needed. About this book 19 20 Command Syntax 20 Control M User Guide 21 Part 1 Getting Begins This section presents the following topics: Chapter 1, Introduction to M Control / Enterprise Manager, Chapter 2, Working with CONTROL-M / Desktop and CONTROL-M/EM Part 1 21 22 User Manual Control-M Chapter 21 Control -M /Enterprise Manager This chapter presents the following topics: Automate your production tasks with CONTROL-M/EM here, autorun with CONTROL-M/EM with CONTROL-M/Enterprise Manager. The Manager window (simply called CONTROL-M/EM) to automate your production environment, perform the following tasks: This book describes how to use CONTROL-M/Desktop to create job processing requirements and other required entities. Job processing definitions are defined automatically after job processing definitions are defined for your production jobs. As part of this change, you can use a feature called new date processing to automate tasks each day. Chapter 1 Introduction to CONTROL-M / Enterprise Manager 23 24 to go from here, check (and, if necessary, intervene) The processing of your production work to ensure that everything runs smoothly, you can check the processing of the work, and if a problem arises, you can intervene effectively. In general, checking by exception (that is, checking for problems or potential problems rather than looking at the entire system) is the most effective way to monitor your production tasks, analyze (and optimize). Processing jobs in your production jobs This book describes how to use CONTROL-M/EM GUIs to automate scheduling and processing your production jobs. The place to go from here, continue with Chapter 2, working with CONTROL-M / Desktop and CONTROL-M/EM, which explains how to start CONTROL-M / Desktop and CONTROL/EM and provide the details you want to navigate, understand and use these interfaces effectively. For details about defining the entities that are required to automate the production environment, click the <a0><a1></a1> </a0> For details on how to turn your definition into production and automate your production environment, see Part 3 Moving to Production. For details on useful tools (including reports), click the free wifi program. For analyzing and optimizing your production environment, see Section 5 Analysis and Optimization of the Production Environment. 24 CONTROL-M 25 User Guide Chapter 2 Working with CONTROL-M / Desktop 2 and CONTROL-M/EM Start CONTROL-M / Desktop Connect to another GUI server, start CONTROL-M / EM connection problems, understanding control patterns - M / Desktop and CONTROL-M/EM, understanding flow diagrams that recognize tasks. Adjust the display return pane to its original location by changing the display format /Desktop flow diagram showing Click and Drag changes in CONTROL-M/Desktop to define dependencies The CONTROL-M/Desktop feature allows you to create and edit CONTROL-M/Desktop job processing requirements. After you define these entities, you can use RETURN-M/Desktop to move the entities that you have defined in production. Chapter 2 Working with CONTROL-M/Desktop and CONTROL-M/EM 25-26 Start-up CONTROL-M/Desktop CONTROL-M/EM enables you to monitor and interfere with processing tasks in a production environment. The job selection that you view is described in Chapter 19. To start CONTROL-M/Desktop 1, select &gt;=&gt; Control-M Organization Manager =&gt; CONTROL-M/Desktop 2 Enter your user name and password. If the password field is displayed, the password field is displayed. Enter your new password and confirm the tip If the GUI server that is selected is not listed, contact your CONTROL-M administrator. The CONTROL-M/Desktop window appears 3 the Load Tasks dialog box is displayed (depending on configuration options) to load tasks from CONTROL-M/EM into CONTROL-M/Desktop: Select the tasks and tables to load, and then click Load and confirm, if necessary, dialog box. Load scheduling table results display the results of the Load B operation. Note If the table that you select is locked, notify the user whose name in the column is not locked. 26 CONTROL-M 27 User Guide Connecting to another GUI Server Connect to another GUI Server CONTROL-M/Desktop allows you to connect to another GUI server at any time (to check which GUI server you are connected to, select Tools =>=&gt;Connection Properties) To change the connection to another GUI server in CONTROL-M/Desktop, select Tools =>=&gt; Connections =>=&gt; Connect to Properties 2 Enter your user name and password, and then select the GUI server that you want to connect to. If the password field is displayed, the password field is displayed. Enter your new password, and then confirm the tip If the GUI server that is selected is not listed. Open Point view, select the view to use for displaying task C. To filter the tasks to display in the selected ViewPoint, click Dynamic Filter. In the Dialog box, Open Point view Chapter 2 Working with CONTROL-M/Desktop and CONTROL-M/EM 27 28 troubleshooting connection problems, and then do the following in the Dynamic Filter dialog box: Select the previously defined filter status. Fill in the filter fields. Open The Point view to open the view in the CONTROL-M/EM window and display the selected task. This section provides information about how to troubleshoot control-m/em server connectivity issues with CONTROL-M/EM and CONTROL-M/Desktop CONTROL-M/EM GUI and CONTROL-M/Desktop. A single CORBA XML configuration file, called a config.xml that defines CORBA configuration information for all CORBA components (including clients and servers) during installation. If the callback connection fails during logging, you may be prompted to return the callback connection. Ignoring this warning message may result in the failure of ViewPoint or upload or order a table from the CONTROL-M/EM server. During the All existing IP addresses are scanned, the best IP address (with the shortest response time) and the CORBA configuration file are fixed accordingly. Alternatively, users can fix connection problems manually by specifying the connection configuration and testing user guide 28 CONTROL-M 29 troubleshooting connections to fix connection problems automatically. Note If the automatic resolution fails, use the manual resolution steps described below to make sure that the Use bidirectional communication 2 check box is selected. You should restart all CONTROL-M/EM applications such as control-m/em gui clients, CONTROL-M/EM GUI servers, CONTROL-M/Desktop, Gas servers, CONTROL-M/Forecast servers, BMC Impact Manager servers, and CMS servers. Note The Use bidirectional communication at the bottom of the window displays the value of the -BidirPolicy parameter in the CORBA configuration file. When testing access to a customer's host name or IP address, it is important to clear the Use bidirectional communication check box. This will force the server to edit the client address and start the connection back to that address. After specifying the correct host name or IP address, select the Use bidirectional communication again check box. If the CONTROL-M/EM GUI server cannot start a connection to the client computer (for example, because the firewall rule blocks the port for outgoing connections on the server side, or the port block for the client-side incoming connection), the client-side connection is blocked. In this situation, make sure that the Use bidirectional communication check box is selected. Use an IP address mask that matches a specific mask - IP masks are recommended to use this option when using a VPN connection, because the IP address may change dynamically by using the IP mask. For example, when the subnet mask will prefer an IP address ) in the configuration file, the mask is set in the PreferIPMask parameter, and the hostname\_in\_or value is \$IP (which was evaluated at run time). If this option is selected, the \$IP character appears in the Troubleshoot Connection window. Accidental deletion prevents the mask from being evaluated during operation. Use virtual host name or IP address - Set the virtual host name (for example, on the cluster machine), a known host name or a static IP address. In the CORBA configuration file, the value of the ORB DottedDecimalAddresses parameter determines whether the default value is IP address (value = 1) or host name address (value = 0). Note The configuration change affects all installations, including the client and server processes that are running at the time of the change. You should restart all CONTROL-M/EM applications such as CONTROL-M/EM GUI clients, CONTROL-M/EM GUI servers, CONTROL-M/Desktop, Gas server, CONTROL-M/Forecast server, BMC Impact Manager server, and CMS server access window resolves connection problems using the tool=&gt; Connections=&gt; Reversing and changing the configuration requires restarting the CONTROL-M/EM GUI client or reconnecting the CONTROL-M/EM GUI server. Figure 1 Control-M/Desktop Draft Shown Chapter 2 Working with CONTROL-M/Desktop and CONTROL-M/EM 31 32 Understanding control-m/Desktop formats and CONTROL-M/EM Figure 2 Control-M/Enterprise Manager Defining the ViewPoint window, the CONTROL-M/Desktop and CONTROL-M/EM windows contain the following sections: The Navigation Tree Pane lists entities based on the selected hierarchy (workspace) pane. The Net Overview pane is displayed only when the flow diagram is displayed. Use this display for quick navigation in flow diagrams. Additionally, if CONTROL-M/Forecast is installed, you can display the What-If Scenario pane and summarize forecasts. For more details, see Chapter 26 Production Planning with CONTROL-M/Forecast 32 CONTROL-M 33. Note You can define the display for both CONTROL-M / Desktop and CONTROL-M/EM. The flow diagram displays brief information, such as entity type, relationship, and status. Note CONTROL-M/EM displays the icons that need refresh in the toolbar if the flow diagram requires a refresh because of a production change. Click the icon to perform a refresh in the environment component flow diagram (definition environment or active environment) is displayed with the node box. The information displayed in the node varies by node type and customization options. Table 1, node and chart icon, symbol, symbol, desktop data (root) The task under the BMC CONTROL-M CONTROL-M Batch Impact Manager job is disconnected from the Application Group Scheduling (Normal) Job (in Normal Table) Group Scheduling Table to schedule a conditional group scheduling in the Group Scheduling table. Group Scheduling Table, Log, Chapter 2, Working with CONTROL-M/Desktop and CONTROL-M/EM 33 34 Understanding flow diagram table 2 Additional icons in CONTROL-M/EM Only symbols, symbolic data, jobs running, end jobs, OK, exit, not OK, delete jobs waiting for conditions. The task is waiting for the self-confirmation task status to be changed to the unknown NOTE Free, Late, and On Request tasks, not displaying visible changes in the node style. Nodes for start and emergency jobs are only relevant for z/os tasks. For more information about these task types, see the CONTROL-M User Guide for z/os. Note: A job with this status may have any of the following statuses in CONTROL-M/Server: CYCLIC WAITTIME WAIT\_ODAT POST\_ODAT finished processing the OK job. The yellow operation is in progress. Blue waiting resource jobs are waiting for control or quantitative resources. The user job waits pink, waiting for confirmation from the user. Note: Tasks with this status are assigned waitconfirm status in CONTROL-M/Server User Guide 34 CONTROL-M.

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