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<b>Dell</b> Worldwide Regulatory Compliance Engineering and Environmental Affairs		
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Dell Inc. www.dell.com		
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<b>STATEMENT OF COMPLIANCE</b>		
This product has been determined to be compliant with the applicable standards, regulations, and directives for the countries where the product is marketed. The product is also in compliance with regulatory marking and test as required for compliance with General Information Technology Equipment (ITE) product compliance. This statement is based on IEC and CISPR standards and their national equivalent such as Product Safety, IEC 60950-1 and European Norm EN 60950-1. Dell products have been verified to comply with the EU RoHS Directive 2011/65/EU. Dell products do not contain any of the restricted substances in concentrations and applications not allowed by the RoHS Directive.		
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Product Safety, EMC & Environmental Datasheet Revised All Page 1		

writes new data for Raid 5/6 and maintains the data of the snapshots in the RAID 5/6. The LOGS tab shows event registration data for selected storage systems. To update the alert data, click Update the exposure storage records for an only storage storage center represent the activity of the event in the storage center. Expand the MENÃº Dell Storage Manager and then click Storage. 2. In the SC series tab, select a storage center. Click on the health tab. 4. Click on the record subtab. The alerts represent current problems present in the storage system, which is deleted automatically if the situation that causes them is corrected. The visualization alerts for multiple alerts of storage centers for administered storage systems can be shown in the tab alerts of the health view. MODIFY THE PUERTO SEE IS NECESSARY TO INTEGE WITH THE ISCSI NETWORK INFRASTRUCTURE. Expand the MENÃº Dell Storage Manager and then click Storage. 2. In the SC series tab, select a storage center to open the central storage view. Click on the storage tab and then click on the Failure Domains Subtab. Expand the Men's Dell Storage Manager and then click Storage. 5. In the SC series tab, select a Storage to open the central storage view. Click on the storage tab and then click on the Failure Domains Subtab. 7. Select the failure domain, then click Edit. Select a type of encryption in the MenÃº Displegable type of encryption. The add server diigogue box opens. B. In the host field or IP address, write the host name or the IP address of the Syslog.C server. From the Men of CaÃda of the installation, select Syslog's installation to assign registration Click OK. 76 Managing Storage Center Users and Groups ..... 2.7. Enter and confirm a new password for the local user, then click OK. In the subtab volumes, select the volume you want to expand. 1. â¬ ¢ 7. When the granary sliding controls are enabled, a table shows the specific data values for the selected data point. In the upper panel of the Dell Storage Manager web interface, click on your username, then select user preferences. 2. Click on the tab GrÃfico options. 3. Select the Show Swriders verification box in the graphics. View of storage center 121Page 19 ¢ Last week, it shows the last 168 hours of IO use data. Personalized: shows options that allow you to specify the start time and the end of the IO use data to show. (Optional) Click on the most active tab to see a table that shows the medical, maximum, average and standard deviation values of the historical use data of IO. Select a server or server closter to see the specific IO use data of that server or clÃºster. VISIE VIEW MOMSPORT PERFORMANCE INFORMATION Use the performance tab to see the IO historical use data for a failure domain. Expand the MENÃº Dell Storage Manager and then click Storage. 2. In the SC series tab, select a storage center to open the central storage view. Click on the performance tab. 4. Click on the Falla Domains Subtab. A confirmation diaogen picture opens. The schedule dialog box opens 4. Select the Verification Box Save and validate the restoration points In the frequency drop -down, select frequently you want the restoration points to be kept and validated automatically. (Conditional) If you selected daily in the previous step, select the DAY time to save and validate the restoration points of the time drop -down. Click OK. Allows the storage to replicate to the mismege level selection during the initial initial Default configuration, the storage of replication to the lowest level option is only available when modifying an existing replication. Expand the MENÃº Dell Storage Manager and then click Storage. 2. In the SC series tab, select a storage center to open the central storage view. Click on the storage tab and then click on the Failure Domains Subtab. Maintenance Center MAINTENANCE101 Page 23types of ISCSI Failure Domainswen A storage center meets the labeling requirements of VLAN MÃºltiples, two types of ISCSI fault domains can be created. First failure mastery configured for a given set of ISCSI ports. . . . . Virtual: The subsequent VLAN fault domains configured for the same ICS port set are called virtual failure domains. "A virtual failure domains should be assigned a VLAN ID." Virtual failure domains do not support IPv6. CREATION OF FALLAS ISCSI DOMAINCREATE A DOMAIN OF ISCSI FAILURE TO THE GROUP PORTS THAT CAN FALL BETWEEN SÃ because they have connectivity with the same resources. Note: For the reference information of the user interface, click, click K Help. Create an ISCSI fault failure domain an ISCSI fault domain to group physical ports for error commutation purposes. Prerequisits n In inherited mode, each pair of primary and reserved ports that are connected to the same ISCSI network must be added to a domain of unique failure. 5. Settings of the health configuration Use the health tab to configure Dell Supportssist, automated reports, numbers and support configurations. ¢ ,  ¢ ltimos 3 days: The last 72 hours of storage use data. ¢ ,  ¢ cannot be active in another controller. The DIALOGO Create Local User Table You can also administer snapshots and storage profiles. Modify the members of the local group for a directory service The user groups grant access to volume, server and disc folders for users with the privilege level of Volume Manager or Reporter. Figure 4.4 Storage storage center The storage center provides centralized storage at block level that can be accessed by fiber channel, ISCSI or SAS. The servers are directed to this IP address with ISCSI initiators, and the storage center redirects individual ISCSI connections to the appropriate virtual port. In the destination IPv4 address field, write an IP address to assign the ISCSI control port. B. In the Subnet MÃ©scara Field, write the subnet method for known IP direction. C. In the IPv4 Link Directorate Field, write the IP address for the default gate of the ISCSI network. Configure VLAN labeling. A. In the VLAN ID field, write the VLAN ID for failure domain. 704 Page 5set The date and time for a storage center ..... 71 SMTP Center SMTP of Configure server configuration ..... 71 Configuration SNMP configuration For a storage center (storage center 6.7 and previous) ..... Click Accept the DIALOGAL TABLE Establish threshold alert definitions. 5. In the name field, write a name for the failure domain. The Storage Manager web interface allows you to monitor, manage and analyze the centers of from a centralized administration console. Historic storage use data for the server are shown. 50 MANAGEMENT MANAGEMENT PROFILES

Failure Domains Subtab. Select the failure domain, then click Edit. In the directory users, write the name of each user of the board you want to add. (Optional) Specify more information about the user in the detail. Click Configure (2. Try network connectivity for an iSCSI port in a failure domain test connectivity for a virtual I/O port iSCSI by ping to a report or host on the network. 122 Part III: Monitoring of the storage center ..... Click the Users and User Groups. Previous requirements Data compiler must be configured to authenticate users with an Active Directory Directory directory and kerberos. 77 Generation of user groups of local storage center ..... 81 Local storage center management Requirements of the user ..... The wizard advances to the next page. d. If the data collection is configured to use an external directory service, you can start session as an active or open user user. Apply deduplication with compression to a volume apply deduplication with compression to reduce volume size. For an unique controller storage center system, create DNS records for the controller IP address. connect. When finished, click OK. 7.  $\neg$  To disable access, delete the enabled verification box. Click Delete data from the storage center. 9. Select IPV6 to configure the IPV6 configuration. Expand the MEN<sup>®</sup> Dell Storage Manager and then click Data Collector. 2. Click on the users, then select the Subtab of password configuration a.3. Click Edit. D.7. If SNMP V3 selected, specify SNMP V3 users by selecting an existing user or creating a new one. Select IPV6 to configure IPV6 configuration. Dell Supportsist. 1. Expand the MEN<sup>®</sup> Dell Storage Manager and then click Data Collector. 2. Click the Virtual Appliance tab, then click on the Proxy Subtab server. 3. Click Edit. Change the name of an instant profile use the instant profile edit Table to change the name of an instant profile. 97 In a Back-End IO port ..... 97 Decent threshold alert definitions for a setback- end io port ..... 97configure back- ports io end ..... 98 Grouming Fiber Channel Io Ports using Fallas Domains ..... 98 Create a fault of the fiber channel Domain ..... Configure the user -user requirements of local Storage Manager Establish password requirements of local user to increase the complexity of local users' passwords and improve the security of Storage Manager. Configure the threshold definition attributes as necessary, then click OK. The dialog box of groups of subsidy users to the Board of Directors opens. Using the growth widget, the growth widget shows a graph that shows historical use data. Using the upper volume widget shows a table that shows the upper volumes based  $\neg$  In growth, use, complete level, latency and estimated IOP. Click on the health tab and then select the support subtab. 3. Bidirectal Cap for iSCSI replication in a fault domain when the bidirectional chap is enabled for the iSCSI replication, the storage center of (Initiator) Challenge the destination storage center (target) for a shared secret. 14 Characteristics of storage management ..... 14 Monitoring Monitoring Starting..... open the discussion of the New Threshold Definition. The eliminate diologue picture opens. 43 Earractions and volume folders ..... 45 Reduction of management data ..... 46 supported hardware platforms .. ..... when it is over, consider the next suggested steps. Select the verification box for each local user group that you want to associate with the Boarding Users group. About this task Note: Do not modify level redundancy if there is not enough space for a Raid rebalancing. The Widget configuration dialog box opens. In the starting time of data progress, select or write the time when data progress begins to function daily. The DIALOGAL TABLE CONFIGURED OF PASSWORD OPENS. In the navigation panel of the storage tab, select a volume. The DIALOGO paint opens expand volume. Move a storage center folder use the DIALOGO box edit to move a storage center folder.  $\neg$  If one or more than the server's HBA are visible to the storage center, select in the adapter table of the host bus. In the directory servers, write the totally qualified domain name (FQDN) of each directory server in a separate line. Related links that make up of email for storage manager events configure the granary options The threshold alert levels and the alerts of the storage center can be configured to appear in the graphics for the current user, and the colors of the grams Ficos can be changed for the current user in the tab of graphic options.11 Dell support. Administration The Dell Manager Storage Manager function sent data to A Tynical support for monitoring and problem solving. The last user with the administrator's privilege cannot be deleted because the storage center requires at least one administrator. In the summary tab, click Configuration. Click S<sup>a</sup>. Local user passage requirements Administer the expiration and complexity requirements for Storage Manager from the Data Collection Administrator. Enter the username and password of a domain administrator. It is recommended to establish the time zone in the local time zone where the virtual device is located. Expand the MEN<sup>®</sup> Dell Storage Manager and then click Data Collector. 2. Click on the Virtual Appliance tab, then click on the Time Subtab. 3. Click Edit

Data Collection Administrator. Enter the username and password of a domain administrator. It is recommended to establish the time zone in the local time zone where the virtual device is located. Expand the MENâº Dell Storage Manager and then click Data Collector. 2. Click on the Virtual Appliance tab, then click on the Time Subtab. 3. Click Edit. Intensive resources in resources less intensive in resources, depends on the amount of data written from the anterior number of limited snapshot voltage depending on the storage controller. Apply an instant profile to one or more volumes to add creation schedules and expansion of snapshots to a volume, associate instant profile with the volume. Table 5.C. Click update to display the event record data using the specified start time. In the navigation panel of the storage tab, select the volume you want to modify. A ç â,¬ å ç last month, shows data to use IO during the last month. 9part I: Introduction to the Dell Storage Manager web interface ..... The types of storage events Types of events events are classified by severity. 129 viewing storage records ..... 131 Part IV: Maintenance of the storage administrator ..... 1339 Data compilers management ..... 135 using the data compiler of Storage Manager Manager The data collection website ..... 135 Higher Data Compiler Properties ..... By default, you can start session as a local Storage Manager user. Note: Authentication attempts for Active Directory users can fail while a rescan operation is performed. 8. Note: Storage Manager Send Electronic Correos to the email address specified in the user's properties. A ç â,¬ å ç physical: the first fault domain configured for a given set of iSCSI ports. 29 coros and elimination of storage centers ..... A warning message is shown. Select the user from the SNMP V3.7 configuration table. A ç â,¬ å ç To allow access to an individual storage center user, select a specific user, then select a user in the drop -down menad. A ç â,¬ å ç 6. Delete an instant profile cannot be removed an instant profile if it is being used by some volume. This profile is ostile to migrate large amounts of data to the storage center without overloading level 1. storage virtualization for storage controllers for the SCV2000 series controllers SCV2000 series manage many storage virtualization options automatically. Maximize performance Maximizes performance maintains new data and instant data in Raid 10 to increase performance. 13. Enter the text to search the field Search records. The DIALOGO Picture Edit Isiscsi Failures Open. I know The DIALOGO Table configuration of the Network Proxy. Enable or disable the proxy server from the proxy server drop -down. In the host field or IP address, write the host name or the IP address of the proxy server. Write the port number in the port field 7. If the proxy server requires a Name and password to connect, write a username and password in the User and Password Name fields. Click OK to save the proxy server configuration. Configuration time configuration for a virtual appliancefigure time configuration to establish the time zone and NTP servers for a virtual device. In the SMTP Mail Server field, enter the IP address or the totally qualified domain name of the SMTP email server. 120View historical storage use data for a server ..... 120 configuration graphic options ..... 121 Configuration of the user's configuration for graphics ..... click on the non -configuration port. (Optional) To create a new group of local users, click Create Local Users Group, then complete the Assistant Create Local Users Group. In the DN base camp, write the distinguished name base for the LDAP server. A ç â,¬ å ç An email address must be configured for your user account. Click Edit Settings. B.D. When finished, click next. The DIALOGO Picture Edit configuration of the storage center is opened. Click on alerts and records. Select Send records to the data collection. 6. Select Syslog's server/ease to which sending the trial message. Click Send Test Message. 1. The DIALOGAL TABLE Settings of local user edition is closed. It opens Edit server dialog box. Note: You can configure the IPv6 configuration only if the configuration is configured in Static. 4.8. To configure the data collection to send the reports when generated: Automated reports. The server agent diogy chart opens. The servers are aimed at this IP address with iSCSI initiators, and the redirect storage storage center Connections to the appropriate virtual port. In the destination IPv4 address field, write an IP address to assign the iSCSI control port. B. In the Subnet Mescara Field, write the subnet method for known IP direction. C. In the IPv4 Link Directorate Field, write the IP address for the default gate of the iSCSI network. In the port table, select the iSCSI ports to add to the failure domain. Controllers A storage center controller provides the central processing capacity for the storage center operating system and the storage administration of raids. Volétos A volume of the storage center is a libic storage unit that can represent a more logical space that the available available in the storage center. Click on the health tab and then select the schedule subtab. The user window opens SNMP V3. Eliminate a storage center folder delete a storage center folder if it is no longer necessary. 5. Highlight the safe console server of the storage center The problem solution of a problem may require restarting the safe console server. (Optional) Configure Kerberos authentication. Characteristics of the storage management The Storage Manager web user interface provides the following storage administration functions.2 Initial start start of the Dell Storage Manager web interface and convene to the data collection. Add volume folders to the local user group. Click on the storage tab and then click on the Failure Domains Subtab. When finished, click OK. Virtual Puerto Mode The virtual port mode provides port redundancy by connecting multiple active ports to each channel fiber or Ethernet switch. The DIALOGO Picture is opened configuration for replication. Select the verification box allow selecting at the lowest level in replication. Click OK. It allows the storage to replicate to the lowest level selection during the initial live volume configuration by default, the storage replicated to the level of the level is only available only to modify an existing live volume. Configure automatic update using SUPPORTASSIS configure the storage center to apply to the operating system of the storage center when available. STEPS 1. Configuration of the Storage Center Preferences of the User Storage Center User Preferences Establish default values for the user account of the storage center that was used to add the storage center to the storage administrator. Establish the default size for new volumes The predetermined volume size is used when a new volume is created unless the user specifies a different value. Instant data is stored at level 3 RAID 5/6. The DIALOGAL TABLE CONFIGURED OF PASSWORD OPENS. Select the Verification Box Require password. 5. Click OK. Locksconfigure local Storage Manager Local storage manager User Configuration Requirements User Configuration with Dell Storage Manager UIUSE Website Uiuse The Dell Storage Manager Web User Interface to change your user account preferences. Change the username username and the privileges of the current user are shown in the user's information. Section of the general tab. Click Add Group. The DIALOGO Picture is opened configuration for replication. In the SNAPSHOT selectable SRM drop -down, select one of the following options: (ne a active). Select the start date of the time permit to show from the Menâº calendar drop -down date. B. Specify the start time of the time permit in the time field. C. Click update to display the event record data using the specified start time. To specify the end time: a. Click Más A ç â € ª™ Local copy à ç â € ª™ migrate volume. 5. In the name field, write a name for the folder. Expand the MENâº Dell Storage Manager and then click Storage. 2. In the SC series tab, select a storage center to open the central storage view. Click on the storage tab and then click on the Subtab of storage types. Select the type of storage to modify. 5. Click Edit. In the Widget's Tyulus field, write a new name for the unclean volume widget. Existing user passwords may not follow the password Expand the MENâº Dell Storage Manager, then click Storage. 0 is the best effort, 1 is the most low priority and 7 is the most high priority. Click OK. VLAN LINKSISCSI The VLAN labeling modifies the MTU for an iSCSI fault domain the maximum transmission unit (MTU) specifies the largest package size admitted by the iSCSI network. Expand the MENâº Dell Storage Manager and then click Storage. 2. In the SC series tab, select a storage center to open the central storage view. Click on the storage tab and then click on the Failure Domains Subtab. Select the failure domain, then click Edit. 106 safe data management ..... Click the IP filter tab. Prerequisites a ç â,¬ å ç The SMTP server configuration should be configured for data compilation. In the screen name field, write a name to identify the group of directory users. Note: Click on the name of any column

options are described in the help in line. Click OK. Modify the waiting time configuration for a waiting time configuration of the iSCSI failure domain determined how the storage center manages the inactive connection. Expand the MENâº Dell Storage Manager and then click Storage. 2. In the SC series tab, select a storage center to open the central storage view. Click on the storage tab and then click on the Failure Domains Subtab. Select the failure domain, then click Edit. The DIALOGO TABLE OF DEPURATION RECORDS OPENS. Steps 1.3. Click on the user groups. Click Next. In the navigation panel of the storage tab, click on the name of a server to open the server view. Click the growth tab. The DIALOGO Picture Edit configuration of the storage center is opened. Storage profiles for Flash optimized storage The table below summarizes the storage profiles available for optimized flash storage types. Free priority with progress (level 3 at level 2) the low priority with the progress storage profile directs the initial deeds to level 3 units (RAID 10) less expensive (RAID 10), and then allow access data to frequently They progress to level 2. Expand the MENâº Dell Storage Manager and then click Storage. In the SC series tab, select a storage center to open Central storage view. Click on the storage tab and then click on the Failure Domains Subtab. In the failure domains subtab, click on the new iSCSI fault domain â ¢ â € ™. Prerequisites The storage center folder must be empty. The DIALOGO Picture Edit Fallas Fallas Iscsi. 5. Expand the configuration custard of the advanced port. In the waiting time settings, modify the waiting time values as necessary. The personalized color configuration will appear the next time a table is updated. table. Data point. You can configure Dell Supportssist to send diagnostic data automatically, or you can send diagnostic data manually using Dell Supportssist when necessary. Click on the server tab, then click on the Security Subtab. Each disk folder has a corresponding type of storage. Click OK. Execute the ping test again to verify connectivity. Click OK to close the message. Network connectivity Linkstest Relation for an isck toilet ports of an iSCSI fault domain before reusing one or more Iscsi front-end ports, retaining them from the failure domains to which they belong. 1. Expand the MENâº Dell Storage Manager and then click Storage. 2. In the SC series tab, select a

storage center to open the central storage view. Click on the storage tab and then click on the Failure Domains Subtab. Select the failure domain, then click Edit. Select the include verification box. User privileges of the storage administrator The data compiler controls user access to the functions of the storage administrator and the associated storage centers in function of the privileges assigned to users: Reporter, volume administrator or administrator. 14. If you want to change any configuration, click again to return to the anterior page. (Comas and the sign most escape except for the coma that separates the RDNS). Name (FQDN) of the storage center. Select the port IO. Alert alerts and storage indications warn you when a storage system requires attention. 148 Subvention access to users and groups of the Board of Directors ..... This guide, this guide describes how to use the Dell Storage Manager web interface to manage and monitor its storage infrastructure. Select the stop date of the time permit to show from the calendar of the decading date. B. Specify the time of stopping time in the time field. C. Click update to display the event record data using the specified specified final MONITORING OF THE MANAGER REGISTRATION131 PAGE 16STEPS1. 119view server performance information ..... In the navigation panel of the storage tab, select the volume folder you want to change the Name. Mape a volume to a mape server a volume to a server to allow the server to use the storage volume. or its subsidiaries. In the SC series tab, select a storage center.  $\leftarrow$  alerts  $\leftarrow$  Select the daily and/or weekly verification boxes. Select the SMTP email verification box. You can also see the events of the system recorded by Storage Manager. In addition, the user information section provides the ability to change the password of the current user. In the upper panel of the Dell Storage Manager web interface, click on your username, then select user preferences. 2. In the user's information tab, click Change password. See the performance information of the storage center use the performance tab to see the IO historical use data for a storage center. The closure/reset dialog box opens. From the first drop -down men, select restart the controller. 5. (Only double control controller) In the

Menú drop-down Restart options, choose how much you want the controllers to restart. The controllers at the same time, causing an interruption, select simultaneously reset 6. Click OK Use, use an existing iSCSI failure domain as a basis for a new VLAN iSCSI failure domain. The center must meet Multi-Vlan labeling requirements. Virtual failure domains do not support IPv6.EPS1. When a server is deleted, all volume allocations to the server are also deleted. Click more → icon. Enable or disable storage in reading/writing cache for a Reading and writing storage in Cache © generally improves performance. → To select individual volumes, hold the control when selecting them. The DIALOGO Picture Edit Fallas Fallas iSCSI. 5. Expand the configuration custard of the advanced port. In the size field of the window, write a value for the window size. The allowed values are 16 KB to 32 MB. The window size must be divisible in 16 kb.7. Click OK to close the DIALOGO Edit configuration of the port, then click OK to close the DIALOGO box edit configuration. Modify Digest's configuration for an iSCSI fault domain, the iSCSI DIGEST configuration determines whether iSCSI's error detection processing is performed. Expand the MENÚ Dell Storage Manager and then click Storage. 2. In the SC series tab, select a storage center to open the central storage view. Click on the storage tab and then click on the Failure Domains Subtab. Select the failure domain, then click Edit. Prerequisites → The storage center must be executing the storage center os version 6.7 or below. Configure preferences for a local storage center user in a default, each storage center user inherits predetermined user preferences. 94 Convert front-end ports to the virtual port mode ..... Click OK to confirm. Preferences can be customized individually after the user is created. Precauk: a precaution indicates potential damage to the hardware or the data and indicates how to avoid the problem. Add and organize storage centers a Storage manager individual can see and manage only the storage centers that have been assigned to your account. STEPS 1. Pases 1. Expand the Menú Dell Storage Manager and then click on Events. Configure the email notification configuration for your user account. Click on the schedule tab. Click Remove User. → The server is

added and the adding dialog box is closed. Repeat the previous step as necessary to define additional Syslog servers. When finished, click OK to close the DIELOGO box edit storage center configuration. Send a trial message to a Syslog server, a trial message to confirm that the Syslog server can receive Syslog messages from the data collection. A storage center must be added. Storage manager using a user of the storage center with the administrator privilege. Steps 1. 62 servers and server folders ..... Click Apply to volumes. Modifying snapshot profiles modify an instant profile to change the creation schedules and expiration of automated snapshots that are applied to the associated volumes. Access to groups that belong to the domain to which the data collection, the domains in the same forest and the domains that belong to the forests for which the two-life forest trusts are configured. The tab also shows the amount of discs, volumes and servers in each storage center. Centro de Centro/OpcondesCipcipcanstorage The name of the storage center The storage center model# warns the number of unrecognized alerts for each storage center.  $\Delta$ : Indicates the number of error alerts. of servers connected to each storage center. In the volume subtab, click on the new volume  $\Delta$   $\Delta$   $\Delta$  Select the verification box of the attach to the email table to send by email the reports in the configuration custard of automated table reports. 1.E. When finished, click OK. Related links Management of volume UI Web Manager Storage Manager to add servers that use volumes of storage centers in their storage centers. Parties Storage Management II This section describes how to use the Dell Storage Manager web interface to administer, maintain and monitor storage centers (San) that provides centralized storage at block level that can be accessed by Fiber Channel, iSCSI or SCSI attached in series (SAS). The Automated Reports Diogog box opens. 4. Select the verification boxes in the configuration custard of the automated report to specify the following reports: "Summary of the storage center": Select the weekly and/or monthly verification boxes. "And/or Casillas of monthly verification.  $\Delta$ : Select the daily, weekly and/or monthly verification boxes. "Replications "Select the daily, weekly and/or monthly verification boxes. In the IO reports,

Select frequency verification boxes to determine with frequency the reports are generated, then select verification boxes. Of storage reports, select frequency verification boxes to determine with frequency the reports are generated, then select any of the types of volume reports, the types of server reports and the verification boxes of verification of disc to determine what reports are generated. Select the verification boxes in the light of the Automated Load Return Report to specify the types of return return reports to generate. " Day. à à ¢ Returns of return of charge To export the reports to a public directory, select the store report in the verification box of public directory and enter the complete route to the directory in the directory field. 13 Establish a schedule to automatically save and validate the restoration points of a schedule to automatically save and validate the restoration points to ensure that the good restoration points are always available to perform Dr. 1. Expand the MENâº Dell Storage Manager and then click Data Collector. 2. Click on the health tab and then select the subtab schedules. 3. Click Edit. The grass tab shows a graphic that shows the IO use data for all failures domains. (Optional) Select the permit of the IO use data shown in the men's display display. of IO use data. "Show IO use data during the last month". Select a failure domain to see the specific IO use data of that failure domain. View of use of historical storage To see the historical storage use data for a volume. Expand the MENâº Dell Storage Manager and then click Storage.2. In the SC series tab, select a storage center to open the central storage view. Click on the storage tab. In the Navigation Panel of the Storage tab, click on

specific to use data of that failure domain. View or use of historical storage to see the historical storage use data for a volume. Expand the DIALOGO Dell Storage Manager and then click Storage>2. In the SC series tab, select a storage center to open the central storage view. Click on the Storage tab in the Navigation Panel or the Storage tab, click on the name of a volume to a volume to The volume view 5. Click the growth tab. This restriction means that storage centers that are visible to a storage manager user are not necessarily visible to another user. Add and delete storage centers use the Storage Manager web interface to add or delete storage centers. Consistent: When selected, it stops and takes instantaneous for all volumes associated with snapshots. Storage profiles Storage profiles control how the storage center manages volume data. 19Storage Center hardware components ..... 19 controllers .....  
..... The Edit Isiscsi domain domain picture opens. 5. Select the VLAN -labeled verification box. 6. In the VLAN ID field, write a VLAN ID for failure domain. The DIALOGO Picture is opened delete the Claster server. Figure 3. You can prevent the type of storage from changing during volume creation cleaning the selection check box of the type of storage to allow. Use the Storage Manager web interface to connect to the data compiler, start a web browser and turn it to connect to the data compiler. The DIALOGO Table opens Create VLAN copy. 5. In the name field, write a name for the failure domain. Configure an IP address and a gateway to the ISCSI control port in the failure domain. If these configurations are not configured, the data collection cannot send electronic emails. gram. two. The waiting time of the session for a local storage center user the waiting time of the session controls Storage before the connection ends. On the other hand, the storage use reports are sent to Dell's technical support in a predetermined way. Select the verification boxes of the use reports of the storage center to send. 6. Click Automated reports for all storage centers (global configuration) Configure the automated report configuration for data compiler if you want to use the same report configuration for all administered storage centers. To add a server folder, select the server folders you want to add in the upper table, then click Add server folders. Management and authentication of accounts of 77 user ..... 111 General Description of the Dell Storage Manager Web Interface ..... 13

components of the Storage administrator ..... 13Dell Storage Center Compatibility of the operating system ..... Changes in an instant profile affect only new snapshots taken with the modified snack profile. Expand the MEN<sup>®</sup> Dell Storage Manager and then click Storage. 2. In the SC series tab, select a storage center to open the central storage view. Click on the storage tab and then click on the Failure Domains Subtab. In the fault domain subtab, click more actions "Create VLAN copy. Select the folder to which the server moving in the navigation bolt of the server folder. Active Directory, the following user name formats are admitted: Designable external disable the external directory service Authentication of the External Directory Service to prevent directory users from being authenticated. 5.5 Storage manager of the administration of the storage center server allows you to assign storage in each storage center for servers in your environment. Other trademarks can be trademarks of their respective owners. 2017 - 01rev. Use the efficiency of maximizing for volumes with data and data used rarely. Storage tab The storage tab allows you to see and manage storage in the storage center. Enter the starting of session of the storage center. 5. Click OK. The following options are available for data reduction input. Click Edit. Hardware components of the Storage Center The Dell Storage Center consists of one or two controllers, switches and may include one or more disc cabinets. Note: For front-ends ports, use the name of the SAS device as the world name to manually add the HBA. (Volume Manager and Reporter only) Add one or more local user groups to the local user. Summary of the Storage Center: Select the weekly and/or monthly verification boxes. Expand the MEN<sup>®</sup> Dell Storage Manager and then click Storage. 2. In the SC series tab, select a storage center. In the summary tab, click on MÃ S Shares à € à € <sup>™</sup> system à € à € <sup>™</sup> layer/restart. Convene to the Syslog server to ensure that the test message is correctly sent to the server. A SYSLOG server is again a Syslog server if you no longer want the data compiler to forward the Syslog messages. A storage center user with the administrator privilege .130 Starge Storage Manager

Shares a 3 d 3 d 3 - system a 3 d 3 - logon/Restart. Connect to the Syslog server to ensure that the test message is correctly sent to the server. A SYSLOG server is again a Syslog server if you no longer want the data collector to forward the Syslog messages. A storage center user with the administrator privilege.130 Storage Manager Registration Monitoring 17 PARTIISTORAGE CENTER Monitoring This section describes the use of threshold alerts to create custom alerts, monitoring and performance monitoring records. Storage center monitoring123 Página 184. The Dell Open Support Diocard Table. 4. Select with frequency the support data of the Storage Center of the frequency drop -down Men. A 1 day: Subjects of use every 24 hours. Note: The Default compilation for storage use data is daily at midnight. These rules of Reenvío de Ports must also be configured in parallel in the failure domains of the storage center to ensure that the Redirección of the Port of Destination Control Port Isisi Iscsi correctly. 1. Mapeando volumes to servers that map a volume on a server allows the server to access the volume. C.Scan for domains in local and reliable forests if the domains of the local forest are added or eliminated, or if two -life forests between the local forest and one or more remote forests are added or eliminated, use the manager of data collection to scan for domains. Deduplication requires SSD units. Prerequisites a 3 a 3 a 3 must have the username and password for a user account of the storage center. Real at a storage center if Storage Manager cannot communicate or start session in a storage center, Storage Manager marks the storage center as inactivity. The selected Syslog server is deleted and the DIALOGO's table is closed delete the server. SEARCH for events in storage records Use the field Search records to search for the list of registration events. Access to the storage administrator can be granted to users and directory service groups that belong to the domain to which the data collection is joined. If you modified the domain field, click DiscOver to locate the directory service for the specified domain. Select a server or server closer to see the specific IO use data of that server or cláºster. In the navigation panel of the storage tab, click on the name of a server to open the server view. This name is the starting point when looking for users. The DIALOGO Picture Edit Fallas Fallas Iscsi. 5. In the port table, select the ISCSI port to add to the failure domain. Dell Supportassist configuration can be configured for all storage centers administered or individually for each storage center. In the fields of Start date, specify the start date and time. Change the name of a fiber channel failure domain The failure domain name allows

6.2.6 Maintenance of the storage center ..... 65 Management Storage Center Management and modify information from the storage center ..... 65 Configuration of the User Preferences Storage Center ..... 67 Data configuration of the Storage Storage Center ..... 69 automated reports for an individual storage center ..... Click the Virtual Appliance tab, then click on the Proxy server subtab. If you select others, write a value between 1 and 17000 bytes in the field below the men's. Note: The ping size drop -down Men may not appear depending on the hardware I/O cards used by the storage center. Click OK. Note: Click on the name of any column to order the volumes of more important growth depending on that field. Click Delete server. 19 volumes ..... at a volume of destination. Prerequisites ¢, ¬ ¢ The storage center must meet VLAN's labeling requirements. The servers are addressed only to the virtual WWNS. During normal conditions, all ports process IO. 7. The predetermined value is 0, which is equivalent to a 14 -day password renewal rate. Click on the snapshot profiles. In the destination IPv4 address field, write an IP address to assign the iSCSI control port. Specify the detent time Time permit in the time field. The assistant creates a group of local users. The DIALOGO table is opened Add groups of directory users. 6. (Mäºtiple domain environments) of the domain domain Menäº, select the domain contained in the directory groups to which you want to give access. Select each directory group that you want to add to the Storage Manager user group. 8. When finished, click OK. Configure predetermined user preferences for new users of the Storage Center The predetermined user preferences apply to new storage center users. Basque 3contentaut is guide ..... 8.configure chap for servers in an iSCSI fault domain when the authentication of tightness of the hands of the

user preferences for new users of the Storage Center. The predetermined user preferences apply to new storage center users. Basque Scontentaut is guide ..... 8. Configure chap for servers in an iSCSI fault domain when the authentication or tightness of the hands of the authentication protocol ( Cha) is enabled, the storage center challenges each initiator isck for a shared secret (key). In the summary tab, click Configuration. In the Dell Storage Manager Web Interface Start Pass, locate the Widget to eliminate. Click OK. Modify the Redundancy modify level level redundancy to change the level of redundancy for each level in a type of storage. Eliminate a directory service user delete a directory service user if you no longer require access. In the summary tab, click Configuration. The server folders move from the upper table to the lower table. Click on the volume name to open the volume view. The widget retires from the board. The DIALOGO Picture is opened configuration for replication. Select the verification box allow selecting at the lowest level in Volume Live create. 5. Click OK. Change the type of snapshot used for the SRM Waithover modify volume The selectable SRM OPCIN SNAPSHOT to change the type of snapshot used for the switching for error of Volume SRM.1. Expand the Dell Storage Manager and then click Data Collector. 2. Click on the health tab and then select the Subtab.3 replication configuration. Click Edit. 104 Chap Configuration for Dominoes de Falla Iscsi ..... 9. Unpacking purification records enable the purification records to collect additional information for solutions to solution problems. problems. In the Banner Message field of session, write a message to show on the session start screen. The schedule dialog box opens. Click on the User Groups 4. Select the Storage Manager user group to which you want to add a directory user. Click Add directory users. Å¢ â¬ å¢ Disp class: Select the weekly and/or monthly verification boxes. The DIALOGO box appears to promote ClÃºster. All ISCSI ports in the failure domain must connect to the same Ethernet network. MAINTENANCE OF THE STORAGE CENTER103 Page 266. Degrades a mapping of a server clide to an individual server if a volume is assigned to a server clide, it can degrade the assignment to make it to be assigned to one of the servers that belong to the ClÃºster. Å¢ â¬ å¢ Renovation rate of password (days): number of days before the keytab is regenerated. 135 SERVER CONFIGURATION Setting ..... 135 Configuration data

degrade the assignment to make it to be assigned to one of the servers that belong to the Cia-Ster. A  $\Delta$  a,  $\Delta$  a  $\Delta$  Renovation rate or password (days): number of days before the keytab is regenerated. 133 SERVER CONFIGURATION Setting ..... 133 Configuration data protection configuration ..... 125 States for alerts and indications ..... 125 Alerts of Vision Storage Center ..... 125events ..... "AULT domains do not require a VLAN ID, but can be configured to use a VLAN ID. click more actions server, then formatted as a unit. If necessary, preferences can be customized individually for a user. or its subsidiaries. Happy about this guide ..... change the name of the non -mapped volume widget use the Widget's configuration diaogen picture to change the name of the volume widget Not assigned. The DIALOGO Picture Create ISCSI Failures opens. In the name field, write a name for the failure domain. Configure an IP address and a gateway to the ISCSI control port in the failure domain. Select the stop date of the time permit to display from the Menâº deplegable date. The confirmation diologue of the port without configure is opened. 50 Creation and application of snapshot profiles ..... 5.5. Click on the mapping tab. The Dellogo Dell Supportassist box now shows the progress of Dell Supportssist and closes when the process is complete. 29 Storage Center User Privileges and user groups ..... 29 privilege levels ..... Click Add directory users. The DIELOGO TABLE is opened delete the server. 1476 Page 7  $\Delta$ ,  $\Delta$  Preferred email language  $\Delta$ ,  $\Delta$  hours when the contact representative of Dell Supportassist is available  $\Delta$ ,  $\Delta$  Preferred contact time zone10. Servers that are connected to storage centers Register in Storage Manager to rationalize the storage administration and execute space recovery for Windows servers. Establish the predetermined snapshot options for new volumes The default snapshot options are used when the user changes them. Historic storage use data for

that are connected to storage centers Register in Storage Manager to rationalize the storage administration and execute space recovery for Windows servers. Establish the predetermined snapshot options for new volumes. The default snapshot options are used when a new volume is created unless the user changes them. Historic storage use data for the server are shown. server. Select the pose of the storage use data to display in the MENS Viewing drop -down. of storage use data. " shows storage use data during the last month. Use and tab of graphics, and the configuration of the Grã Fico affects the graphics in the IO and graphic use tabs. Links configuration for the user for the user user configuration for user's configuration for user configuration of user show alerts in the grasses and change the colors of the grass. Note: For the reference information of the user interface, click Help. Relationships between the informed data and the threshold alerts configured and central storage alert Rio. 2. Click on the tab Gráfico options. 3. Select the verification boxes of the alerts to show in the graphics: " show levels of threshold alert in grays: shows a horizontal line parallel to the x axis that shows the relationship between the informed data and the threshold level. Deduplication and execution of compression during the progress of daily data. View of space vision saved by data reduction in a volume The percentage of space saved by the reduction of data for a volume is an estimate that is found when comparing the total amount of space saved by compression and deduplication with the total amount of space processed by the reduction of data in the volume. Â¢ " Users with the volume administrator or the privilege of reporters or more user groups, and can only access volume, server and disc folders available for them. The DIALOGO Picture Edit Fallas Fallas Iscsi. 5. In the port table, select the ISCSI port to eliminate the failure domain. Click Edit Settings. The password configuration of the previous requirements must be enabled. 16 ADD servers to its storage centers ..... These options are described in a help in line. Click OK. Add the ports to an ISCSI fault domain. Add to the failure domain should not belong to a failure domain. If the failure domain is physical, each ISCSI port that wishes to add to the failure domain an IP direction, the subnet and a gateway on the same network as the ISCSI control port for the failure domain must be assigned. If the failure domain is virtual, the ISCSI ports that you want to add to the failure domain must admit multi-vlan labeling function Steps1\_10

domain is physical, each iSCSI port that wishes to add to the failure domain, the subnet and a gateway on the same network as the iSCSI control port for the failure domain must be assigned. If the failure domain is virtual, the iSCSI ports that you want to add to the failure domain must be assigned. Click on the data protection tab. Restore the password aging clock to start the password aging clock from the current date and time. Praquisitasword's configuration should be enabled. Steps1. The Edit DIELOGO box configuration of edition user is closed. The DIALOGO Picture Edit configuration of the storage center is opened. Click on alerts and records. Select the Syslog server to remove 6. Click Delete server. In the SC series tab, select a storage center to open the central storage view. Depending on the server configuration, the data can be written in the volume through iSCSI or fiber channel. To use the date and time As the end date, select the verification box use the current time for the end date. Ague Data compression. In the session start message, click Edit. Expand the Menâº Dell Storage Manager and then click Data Collector. To specify the end time: a. Click Test Server to verify connectivity to the SMTP server. Note: To verify that the data collection can communicate with the specified directory servers using the selected protocol, click Test. Click OK to close the DIALOGAL TABLE Edition configuration of the storage center. In the summary tab, click Configuration. Página 2Notas, precautions and warning Note: A note indicates important information that helps you make a better use of your computer. Consectum: a precaution indicates potential damage to the hardware or data and tells you how to avoid the problem. Observation: A warning indicates a potential for property, personal injuries or death. If the active snapshot is disabled, the last frozen snapshot is used. Use the configuration configured for the restoration point corresponding to volume. Å ç, â¬, â ¢ If more of a type of storage is defined in the storage center, select the type of storage to provide storage in the drop -down menad type of storage. "To establish the number of days before a user can change their password, write a value in the minimum age." â¬, â ¢ (only an asset directory) join the controller to the domain requires credentials of a directory service user who is an administrator and who has sufficient privileges to create a computer record in the board. Click Edit. Restació "Nice of the password the aging clock of the password determines when a password expires depending on the requirements of the minimum and maximum age requirements. Å ç, â¬, â ¢ if a HBA is not visible to the storage center, click Manually HBA to

identical volume for backup or data reuse. In the fields of the final date, specify the date and time of ending. A ¢,¬ a¢ Personalized: shows options that allow you to specify the start time and the end of the IO use data to show. In the main field, select a main folder. Existing snapshots are not changed. To eliminate snapshot profiles that were previously assigned to the volume, select the verification box replace existing snapshot profiles. Select the Kerberos enabled verification box. WARNING: A warning indicates a potential for property, personal injury or death. Double redundant levels can contain any of the following types storage of raids. Optimized storage type. 5. 83 Start Start Directory Services Directory service users ..... Click on the health tab and then select the support subtab Dell. Select the Syslog server to delete. A ¢,¬ a¢ pages of inaccessible snapshots the snapshot. 6. In the drop -down list of the data reduction profile, select compression. Select the Verification Box Send alerts to Data Collector. Click Recycling Bin, then select the volume in the recycling container you want to restore. 15 volumes of configuration storage center ..... 97 Hardware Management of Puerto IO of Back- END ..... 9 Contact Dell ..... 9 History of review ..... 9 Audience ..... Administration of the storage center. ..... 29 Add and organize storage centers ..... In the summary tab, click on S Ettings. or it limits the data progress schedule when the progress of the data is executed and limits how much time it is allowed to be executed. In the case of a port or failure of the controller, a virtual wwn will move to another physical wwn in the same failure domain. Virtual Puerto Mode Failure Domains in Virtual Puerto Mode, Failure Failure Domains Front ports that are connected to the same fiber fabric or Ethernet network. 16configure email notifications ..... 16 Part II: Storage management ..... 173 General Description of the Storage Center. A confirmation diaogen picture appears. Historic storage use data for volume are shown.

(Optional) Select the pose of the storage use data shown in the MENÃº display display. Past 72 hours of storage use data. â, â ¢ â šltimos 5 days: shows the last 120 hours of storage use data. "Shows storage use data during the last month." Growth tab in the sight of the server to see the data of historical storage use for a server. Expand the MENÃº Dell Storage Manager and then click Storage. 2. In the SC series tab, select a storage center to open the central storage view. Click on the storage tab. 120 View of the Information Storage Storage Center 20 Stir a widget from the Dashboardremove a widget that you do not want to see in the starting page. In the Dell Storage Manager Web Interface Start Pass, locate the Widget to eliminate. 2. Click the X on the widget corner. The widget retires from the board. NAN NETWORKs a widget to organize the starting page in a way that best suits the content you want to see. In the Dell Storage Manager Web Interface Start Page, it locals the to change the size. Move the mouse cursor to the lower right corner of the widget until the pointer appears as a double -sided arrow, and then click left to select the widget. 3. Move the mouse cursor to change the widget's size. In the Dell Storage Manager web user interface gag, locate a widget to move. 2. Move the mouse cursor to the upper widget until the pointer appears as a four -sided arrow, and then click left to select the widget. 3. Move the widget to the new location 4. Repeat these steps with any other widgets you want to move. Using the widget of storage summary the widget of storage summary sample, used and free space, as well as the total number of storage centers administered, volumes and servers. Use of Widget of the Widget storage centers of storage centers provides health, storage and performance for all storage centers administered by Dell Storage Manager. View of health information for all storage centers The Widget health tab of storage centers shows information about the number of alerts of storage centers. If you need to create a volume folder, click Create volume folder, then complete the fields in the DIALOGIC. Create volume folder. The selected Syslog server is deleted and the DIALOGO's table is closed delete the server. Viewing the storage registration screen and search for events in the storage center records, use the record storage records of records for multiple storage centers Storage records

preferred language for a storage manager user the preferred language for a storage manager user determines the language shown in automated reports and email alerts A user eliminates a user account to prevent the user from seeing and managing the storage center. The DIALOGO box appears Select local user groups. 72 SNMP configuration of configuration for a storage center (storage center version 7.0 and posterior) ..... 72 Filters configuration to restrict administrative access ..... 73 Configuration of the safe console of the storage center configuration ..... 73 Configuration of a storage center to inherit configuration ..... The storage center should be created in the domain. The primary port must be located in a controller other than the secondary port. Physical ports cannot be selected and add to a failure domain if they are already added to another failure domain. "Each ISCSI port that wishes to add to the failure domain must be assigned an IP address, subnet and door and door direction of link on the same network as the ISCSI control port for failure domain. On this task note: ISCSI ports must be configured in virtual port mode when used by the SCV2000 series controllers. In the local local core of user groups, click Change. The allowed values are 1 "4096.7. (Optional) To assign a priority level to VLAN, write a value to 0-7 in the service class priority field. 5. Rest a volume of recycling container Restore a volume of the recycling paper if you need to retain the volume instead of eliminating it. Change the size of a widget change the of a widget to organize the start of the start of a way that best suits the content you want to see. Click Restart server. 2. In the password, write a password. FIELD/OPCIN DESCRIPTION NAME THE NAME OF THE VOLUME.FIELD/OPCIN VOLUME.FIELD/OPCIN Total latency latency of all reading/writing operations in more latency of reading operations in more writing the latency of writing operations in ms seeing the volumes with the major Higher volume shows the upper volumes by total IOP. STEPS 1. Create a single volume Use the new volume diaogen box to create a single volume. "Fallas physical failures domains admit ISCSI replication to and from remote storage centers. Create a copy of VLAN of an ISCSI fault domain to add a VLAN ID to the ISCSI ports that are already in use. Use an existing ISCSI fault domain as a base for a new VLAN ISCSI failure domain. Select Send records directly to the Syslog server and virtual groups of server and server folder DIEL OGAI TABLE Add directory

storage centers. Create a copy of VLAN of an iSCSI fault domain to add a VLAN ID to the iSCSI ports that are already in use. Use an existing iSCSI fault domain as a base for a new VLAN iSCSI failure domain. Select Send records directly to the Syslog server. and virtual, groups of server and server folder DIALOGAL TABLE Add directory users. If a fault port, Io is encredited to another port in the failure domain. After modifying the level redundancy, it is required It is a Raid rebalancing to move data to new RAID levels. The new volume diaogen picture opens. Administration of server objects of the storage center server The storage server objects are administered individually for each storage center from the subtab of the servers. Repeat the previous steps for each additional iSCSI control port and physical port in the failure domain. Expand the Men's Dell Storage Manager and then click Collector. 2. Click on the server tab, then click on the subtab server agent. 3. Click Repers. In the distinguished name field, write the distinguished name for the Board of users. Example: CN = Groupname, CN = users, dc = example, dc = com 8.b. (Optional) To create a new local user group, click Create Local Users Group, then then The Assistant Create Local User Group. A message shows the test results. Note: If the physical port is located on an Iscsi Chelsio card, the first ping test at a specific IP address fault and shows the error that sends: there is no ARP input for nn.nn.nn.nn, sending ARP now. Click on the users and then select the subtab storage centers. Prerequisites Chap must be enabled for failure domain. SAS (SCV2000 series controllers only): Connect the controller directly to a server using SAS ports configured as border connections. The DIALOGO Table is opened for the start of session. Select an Io Down port. The domain página opens. The DIALOGAL TABLE CONFIGURED OF PASSWORD OPENS. Select the Reset Verification Box of clock aging. 5. Click OK. Locksconfigure Local Storage Storage Manager The user password requirements require users to change passwords The new password requirements apply only to new user passwords. Manage server folders for the local user group. Configure the proxy server configuration for a virtual device configure the proxy server to use a proxy server by sending diagnostic data using Dell Supportssist. The directory groups that are associated with the Storage Manager group appear in the user groups that Subtab ADD of a directory user to a group of usermanager users to allow the directory user to access Storage Manager. Select the server. Click OK 6. Storage Storage Center Users and user

groups that are associated with the Storage Manager group appear in the user groups that Subtab. ADD of a directory user to a user of Storage Manager Groupadd A directory user to a group of userse manager users to allow the directory user to access Storage Manager. Select the server. Click OK.6 Storage Storage Center Users and user groups, and apply configuration to multiple storage centers. Expand the MENÃ° Dell Storage Manager and then click Data Collector. 2. Click on the users, then select Users and User Groups Subtab.150Storage Manager Management Page of user administration 119. C.Note: Only accounts at the administrator level can unlock other storage centers . Ã¢ ¸, ¸ ¸ users with the administrator privilege have access to all folders and cannot be added to user groups. Users. The performance is ¸ til for volumes with important data and frequently used. 6.6. Click Edit Settings. Discs greater than 900 GB must use dual redundancy, and in some cases it is required. Storage tab The storage tab contains the following subtabs how to create a local recovery of a volume snapshot. The alert tab shows alerts for selected storage systems. The diogogue picture is opened to establish snapshot profiles. 3. Click OK to close the DIALOGO Edit configuration of the storage center. 19chow wow virtualization works ..... The default value is to hide threshold alerts. Alerts in the graphics: shows a vertical line parallel to the axis and that shows the relationship between the informed data and the alerts of the storage center. To create a new user: a. 6. ¸ ¸ ¸ To disable the writing cachÃ© in the volume, delete the verification box enabled next to the writing cach. To show indications, select the show verification box indications. A message seems to inform him that Scanning had ¸ xito or failed. Click OK. Access to Linkshoot Link Board of Directors Service in a group of Storage Manager users to allow all directory group users to access Storage Manager. If kerberos authentication is also configured, users can start session with the client automatically using their Windows session credentials. The DIALOGO box opens reconnect to the center of ¸ ¸ ¸ To allow access to a specific IP address, select a single IP address, then write the IP address in the field. countryside. The global configuration first, and then personally personalize the configuration of the report for individual storage centers according to necessary. Expand the MENÃ° Dell Storage Manager and then click Data Collector. 2. Click on the health tab and then select Subtab automated reports. 3. Click Edit. Click OK. Note: To verify that the data collection can communicate with the

..... The website Data compilers is automatically configured when a primary data compiler is installed on a server. Recover the information automatically for all registered servers if automated update is enabled, the information is updated every 30 minutes. 1107 INFORMATION OF THE VISION STORAGE CENTER ..... (optional) Manually configure the configuration of the Board of Directors. (Optional) Select the pose of the storage use data to display in the MENº display. All ports in a failure domain are available for IO. Click User groups groups of user groups to grant access to volume, server and disc folders. In the main one, select a main folder. Eliminate a local storage center user delete a user from the storage center if you no longer require access. Storage records for administered storage systems can be shown in the tab + health view records. Expand the MENº Dell Storage Manager and then click Logs. 2. Select the verification boxes of the storage systems to show and delete the verification boxes of the storage systems to hide. The Input data limits the type of data that is eligible for data reduction. 7.3. Click on the storage tab and then click on the Failure Domains Subtab. 3. After configuring the key server, the server connectivity status is shown as in the Edicion Edition Storage Center dialog box. ª To resume data reduction, delete the pause data reduction verification box. "For a double controller storage center system, this is the completely qualified host name for administration IP address. Select the failure domain, then click Edit. Management of storage types The data progress moves the data within a disk folder. Click the server tab, then click on the server agent subtab. Have more than an administrator level account of the storage center so that other accounts of the storage center can be unlocked. Click OK. 3. Select the storage center to delete. Servers must provide the correct shared secret to access the volumes of the storage center. Modify the fields in the In detail of details as necessary, then click OK. 2. Storage information view for all warehouse centers The widget storage tab of storage centers shows information on the use of disk space. Select the user you want to delete. 4. Rehender requirements of the NAT port for virtual port mode The following requirements must be met to configure the NAT port for a direct connection to an ISCSI filer and using the integrated switch. Configure the data compilation of the storage center to administer the storage center. Select the interface in which Storage Manager connects to the storage center. Select the interface in which Storage Manager connects to the storage center.

port forwarding for an iSCSI failure domain in the virtual port mode. Configure the data compilation schedule of the storage center can configure the intervals in which Storage Manager rejects the use of IO, the use of the replication and the data use data of the storage centers administered. Access can be granted to users who belong to the domain to which the data collection, domains in the same forest and domains that belong to forests for which the unidirectional trusts are configured. To authenticate users with an external directory service. Steps 1. To allow this option to be configured when live volumes are created, modify the configuration of the data collection. Expand the MENâº Dell Storage Manager and then click Data Collector. 2. Click on the health tab and then select the Subtab. 3 replication configuration. Click Edit. Click OK to close the DIALOGO TABLE Settings of the data collection. data. A ç à â¬ à ç hours when Dell Supportassist's contact representative is available in UTC or in the time zone established in the ESXi host. 3.4. Select the failure domain, then click Edit. Click OK. Step 1. 98 In a domain of fiber channel failure ..... 99 Groups of Iscsi Io ports using Failure domains ..... 99 ISCSI VLAN Labeling Support ..... 99 CREATING ISCSI FAILURE DOMIES ..... 100 Modifiers Iscsi Failure Domains ..... 101 Configuration of the NAT ports forwarding for Iscsi fault domains ..... 127 viewing Storage Manager events ..... 127 Configuration of alerts by email for events of Storage Manager ..... 128logs ..... Central records For Storage Manager ..... Migrating the volume, the volume of destination is assigned to all servers previously assigned to the volume of origin. Select the server for which you want to migrate the volume, then click Report to Change The Edit Dialog Table appears. At the top of the table, click the IP Address of the destination server. Click the Configuration icon. At the bottom of the table, click OK. Then click the Close button.

promote the assignment, then click Promote Cluster. The Edit Diogo Table opens. For OpenLDAP, the user name format is compatible (example: user). The Create Iscsi Nat Port Forward dialog box closes. Click the Configure icon. Virtual failure domains do not support IPv6. Write a new size for volume, then click OK. The DioGel Table Edit Puerto opens. The Dell Supportassist dialog box opens. After modifying the level redundancy, a Raid rebalancing is required to move data to new RAID levels. About this task Note: Do not modify level redundancy if there is not enough space for a Raid rebalancing. Expand the MEN<sup>®</sup> Dell Storage Manager and then click Storage. 2. In the SC series tab, select a storage center to open the central storage view. In the summary tab, click Configuration. About this precautionary task: disable the authentication of the directory service eliminates all users and groups of the Storage Manager Directory Service. The DIALOGO box select local user groups closes. All FC ports in the failure domain must connect to the same FC fabric. Storage Manager Data Collector stores data that re -storage in an internal or external database. Dell Storage Manager Web UI Web browser requirements The following web browsers are compatible for use with the Dell Storage Manager web interface: Google Chrome Microsoft Edge Dell Storage Manager Web ui characteristics The Dell Storage Manager user interface provides following functions. 5. Ports 1. Data redundancy management Manages data redundancy by modifying level redundancy or creating storage types. The closure/reset dialog box opens. From the first drop -down menad, select the closing controller. 5. Click OK. To accept. It can be restarted in sequence or simultaneously 1. Expand the MEN<sup>®</sup> Dell Storage Manager and then click Storage. 2. In the SC series tab, select a storage center. In the summary tab, click on M<sup>®</sup> S Shares system layer/restart. The DIALOGO Picture Edit Fallas Fallas Iscsi. 5. Expand the configuration custard of the advanced port. In the port of the ports, enable or disable the configuration of Digest Iscsi as necessary. The local user who was used to add the storage center to the storage administrator cannot be deleted. Click on alerts and records. Note: If the network address translation (NAT) is enabled in its network environment, ensure the IP addresses

panel of the Dell Storage Manager web interface, click on your username, then select user preferences. 2. Click on the tab Gráfico options. 3. Click on the arrow next to the background or color of the quadrack to open the color selector. Use the selector to choose a new color for the background or the quadge line. Click Apply. Select the Storage Manager user group to which you want to add a directory user. 4. Configure email configuration The email address of the current user's email and From electronic emails can be selected in the email configuration tab. The DiMogo picture edit port opens. 7. Delete the verification box to include. You can see the events in the Events tab or configure Storage Manager to send an email when events occur. Creation of a volume using the low priority profile stores data written at level 3 Raid 10. 10. The instant creation stops, the option to create snapshots is not available when clicking with the right hot of any volume in the storage center. Click Sá. If the use of active snapshot is not selected within

..... 34 Copy volumes ..... 38cr eating and managing volume folders ..... 39 creation and volume management volume Volumes to servers ..... ã¢ â¬ â¢ To allow all IP directions of origin, select all hosts. Connect to the storage center to provide updated connectivity information or credentials. 77 Local Storage Center Management ..... Click OK to close the DIALOGO Picture Edit Configuration. ã¢ â¬ â¢ Ëšlito d  a: shows the last 24 hours of storage use data. Select or define one or more HBA for the server. A Raid rebalancing begins. Reducing and restarting a storage centers that increases or restarting a storage center affects all controllers. Pass a storage center that increases a storage center creates an interruption of the system, during which no any is processed. The DIALOGO Picture Edit configuration of the storage center is opened. Click on the SUPPORTASSIST tab. 5. In the server configuration section, select the OPCIIN UPDATE IN THE DEPLOYABLE MENAL. Click OK. Configure a proxy server for Dell Suportessistuse The configuration of the storage center to configure a proxy server for Dell Supportsist.perrequisitie Storage Center should be added to the storage administrator using a user of the storage center with the administrator privilege. In the name field, write a descriptive name for the port Io. Events events are messages that have generated an event at Storage Manager. The DIALOGO Picture Edit configuration of the storage center is opened. Click on alerts and records. Send records to the data collection. 6. Define a Syslog server to which registration messages must be forwarded. Click Add server. b. Click OK. 9.Pases 1. Click Create SNMP user V3. Click update to display the event record data using the specified end time. When finished, click A miter of space consumption for a volume establishes a compound of space consumption to specify the maximum space that can be used in the volume. The following requirements apply to virtual port failures domains: ã¢ â¬ â¢ Failure domains are created for each fiber fiber fabric or Ethernet network. Rename an Io Front-end port establishes a screen name for an io or virtual port to do it more identifiable. In the SC series tab, select the downstream. Expand the Men's Dell Storage Manager and then click on alerts. 92 Front end connectivity modes ..... 92 Fafault domains. ..... 121 Configure the data compilation schedule of the storage center ..... Click OK to create the local recovery volume. The following tables define the Storage Manager user level privileges with the following categories. Authentication of users with an external directory service The data collection can be configured to authenticate Storage Manager users with an Active Directory or OpenLDAP directory service. Expand the advanced port configuration. The Data Compiler Service is managed by the Data Compilers Administrator. In the port table, select the fiber channel ports to add to the failure domain. a. 1238 Storage Manager registration monitoring ..... A message dialog box opens indicating that the message was sent to the Syslog server .8. Click OK to close the DIALOGO Picture Message9. Click OK. 102 STARERTOR CENTER MAINTENANCE Page 25 Modify the size of the ISCSI window for an ISCSI fault domain the window size specifies the amount of data that may be in tranity in any any Expand the MEN   Dell Storage Manager and then click Storage. 2. In the SC series tab, select a storage center to open the central storage view. Click on the storage tab and then click on the Failure Domains Subtab. Select the failure domain, then click Edit. On this task, Note: a single controller storage center does not have an IP address of shared administration by default, but can be configured to facilitate future transition to dual controllers. Click OK. Configure automatic update using the SUPPORTASSISTConFigure Storage Center to apply updates to the storage center operating system when available. Expand the MEN   Dell Storage Manager and then click Storage. 2. In the SC series tab, select a storage center to open the central storage view. In the summary tab, click Configuration. Select the port IO, then click Edit. Create a volume and assign a server if a server requires additional storage and does not want to use an existing volume, you can create and assign a volume to the server in a single operation. The allowed values are 1 â¬ - 4096.B. To assign a priority level to the VLAN, write a value of 0 "7 in the field priority field. 2. Paseses 1. in the subtab of local user groups, click New Group. 108 Redundancia Management data ..... 109 types of managing storage ..... 109 Shothut below and restarting a center of ..... The edition opens the dialog box of the volume folder. Visit the snapshots in a volume tab, see the snapshot to see the information about snapshots, such as freezing time, expiration time, size and description. 51 Modifying Modifier Administration of the storage center server ..... Dell Storage Manager 2016 R3 Web UI The Guide Administrator, Warnings and Warnings of the 2016 Web User Interface Note: A note indicates important information that helps you make a better use of your computer. Expand the MEN   Dell Storage Manager and then click Data Collector. 2. Click on the Users tab, then select User Subtab and user groups. Click on the User Groups 4. Select the Storage Manager user group to which you want to add directory groups. 5. Click Add Boarding Groups. To stop data reduction, select the pause data reduction verification box. cash register.

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