

CKD assignment changes: z/OS restrictions

The following restrictions are z/OS limits, and not EMC limitations.

- Before an alias can be removed in a static PAV environment, the base associated with that alias must be varied offline from the host. If the base is offline, the base can be removed as well, however, do not leave a configuration that conflicts with rule 5 on page 18.
- Before an alias can be removed in a DPAV environment, either with or without removing the base, the entire CU image that the alias is associated with must be offline. This is necessary because there is no way to predict the current base/alias locations of any alias under DPAV. Remember, the bin is just the start-up position. A display may show a base with the same number of aliases as there were at startup, but they may be aliases that have moved from other bases during the course of the DPAV changes. There is no way to reconcile the DPAV moves with the static bin file being loaded. So the whole CU image must start again after the configuration change. This means the CU image must be offline for the change, and when it comes back online, the DPAV process can start again from the beginning with the new information. If you are removing bases and aliases, do not create a configuration that conflicts with rule 5 on page 18.
- The Hardware Control Definition (HCD) must match Symmetrix changes.

Conclusion

Unisphere for VMAX is a storage-management tool that delivers easy and intuitive Symmetrix array management. Intelligence is built into Unisphere to guide the user towards selecting the appropriate object within the array hierarchy before initiating a command sequence. Array properties can be viewed, and array configuration changes can be initiated and managed. Users of all experience levels will find this tool helpful as templates and dialog boxes streamline parameter entry and make tasks easy and efficient. Mainframe-specific configuration tasks are available under the z/OS Configuration menu item. These Mainframe items are intended to allow storage administrators to perform CKD-specific configuration changes on Symmetrix arrays. Enabling authorized storage administrators to directly perform array modifications reduces complexity and improves time frames for activities administered under change control systems. Unisphere provides ease and simplicity for current functionality, and Unisphere will deliver the same intuitive constructs for any future functionality, lessening the learning curve when implementing new technology.

References

The following manuals and references provide information related to concepts discussed in this paper:

- EMC Unisphere for VMAX Release Notes
- EMC Unisphere for VMAX Online Help

Emc Vmax Unisphere User Guide

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Table of Contents Emc Vmax Unisphere User Guide

1. Understanding the eBook Emc Vmax Unisphere User Guide
 - The Rise of Digital Reading Emc Vmax Unisphere User Guide
 - Advantages of eBooks Over Traditional Books
2. Identifying Emc Vmax Unisphere User Guide
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Emc Vmax Unisphere User Guide
 - User-Friendly Interface
4. Exploring eBook Recommendations from Emc Vmax Unisphere User Guide
 - Personalized Recommendations
 - Emc Vmax Unisphere User Guide User Reviews and Ratings
 - Emc Vmax Unisphere User Guide and Bestseller Lists
5. Accessing Emc Vmax Unisphere User Guide Free and Paid eBooks
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- Emc Vmax Unisphere User Guide eBook Subscription Services
- Emc Vmax Unisphere User Guide Budget-Friendly Options
- 6. Navigating Emc Vmax Unisphere User Guide eBook Formats
 - ePub, PDF, MOBI, and More
 - Emc Vmax Unisphere User Guide Compatibility with Devices
 - Emc Vmax Unisphere User Guide Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Emc Vmax Unisphere User Guide
 - Highlighting and Note-Taking Emc Vmax Unisphere User Guide
 - Interactive Elements Emc Vmax Unisphere User Guide
- 8. Staying Engaged with Emc Vmax Unisphere User Guide
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Emc Vmax Unisphere User Guide
- 9. Balancing eBooks and Physical Books Emc Vmax Unisphere User Guide
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Emc Vmax Unisphere User Guide
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Emc Vmax Unisphere User Guide
 - Setting Reading Goals Emc Vmax Unisphere User Guide
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Emc Vmax Unisphere User Guide
 - Fact-Checking eBook Content of Emc Vmax Unisphere User Guide
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks

14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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