At a Glance

CA VM:Director™ provides an efficient and comprehensive directory and disk space management system for z/VM that helps organizations significantly reduce the time required to manage z/VM directory resources and help prevent costly errors in DASD mapping. This allows you to safely and easily create and manage your Linux for System z guests and the DASD associated with those guests, significantly reducing system outages or data loss due to directory errors or DASD overlays. CA VM:Director supports IBM solutions such as Systems Management Application Programming Interface (SMAPI), Single System Image (SSI), Live Guest Relocation (LGR) and Upgrade in Place allowing you to more easily take advantage of these features to keep your critical guests and system services available.

Key Benefits / Results

- Secure and simplify management of directory and DASD resources
- Increase staff productivity
- Optimize DASD utilization
- Prevent z/VM system or Linux guest outages due to directory errors or DASD overlays
- Improve service levels through controlled delegation of resource management
- Improve auditability by providing an audit of all directory and DASD allocation changes
- Ensure 24/7 availability

Business Challenges

Consolidating data centers, increasing storage, installing connections to other systems, adding new users and upgrading to more powerful hardware all impact the environment that controls access to important information on your network. As data centers experience these changes, the potential for system corruption problems increases. Without a reliable and flexible directory and DASD management foundation, even routine data center changes can create unacceptable exposures. Your z/VM strategy must meet the needs of everyone in your organization:

- Users need the resources and simple system access to get their jobs done without unreasonable restrictions.
- Auditors need up-to-date information that identifies when changes are made and who made them.
- Management must be assured that sensitive data is protected from intentional and accidental destruction.
- System changes must be managed quickly without putting extra burden on your support staff.

Key Features

- **Delegation and control.** Allows directory management delegation and extensive control of items each manager can update.
- **Flexible interfaces.** Provides multiple methods for interaction including a variety of application programming interfaces.
- **Faster and easier z/VM upgrades.** Interfaces with IBM logic to automate resource creation during Upgrade in Place procedure.
- **Save time.** Enables your directory managers to remain interactive while managing disk space.
- **Interface.** Can be interfaced with an External Security Manager (ESM) for further command authorization control.
Solution Overview
CA VM:Director enables you to address these challenges by controlling access to the system directory, managing disk space and your z/VM system directory and auditing all directory and DASD management activity. With CA VM:Director, enterprises can:

- Control and limit access to the system directory.
- Delegate disk space management and automate DASD relocation.
- Maximize value through integration – CA VM:Director interacts with other z/VM products from CA Technologies to enhance their functionality.
- Create EXECs or other programs to automate repetitive or complex directory management tasks with Application Programming Interface commands and functions.
- Review directory and space management with audit information.
- Streamline directory management with full screen menus and automation of complex procedures.
- Manage and administer Shared File System (SFS) pools.
- Decentralize user administration.

Critical Differentiators
CA VM:Director rises above the competition by providing flexible access, while at the same time enforcing rigid safeguards to help protect your z/VM environment and facilitates:

- Better control of access to system resources, safe management of disk space and auditing of your z/VM directory management activity.
- Linux administrators can be given access to designated subpools of disk space and specific commands to allow delegation of some directory management for z/Linux guests, reducing demands on system support staff.
- Supports IBM facilities Systems Management Application Interface (SMAPI), z/VM 6.2.0 SSI architecture and LGR and z/VM 6.3.0 Upgrade in Place allowing you to take full advantage of these facilities.
- Online directory always reflects the current user base since source updates are immediately compiled into the online (object) directory.
- Eliminates tedious disk space relocation tasks.

Related Products/Solutions
CA VM:Director is part of the CA VM:Manager Suite for Linux on System z—a comprehensive portfolio of products that provides automated operations, service level management, security, backup and recovery, performance management and storage management for z/VM and Linux on System z environments.

- CA VM:Director interfaces with CA VM:Account to validate new account numbers. This prevents system charges to account numbers in the directory that are not associated with a project or account.
- CA VM:Director provides a set of Application Programming Interface (API) commands so that you can create EXECs to automate some of your more tedious or complex directory management tasks.
- CA VM:Director provides automated resource allocation for CA VM:Manager product installation and upgrade.

For more information, please visit ca.com/mainframe

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