

VRR

Security Management System Redundant Recovery

OVERVIEW

The Vanderbilt Industries SMS Redundant Recovery (VRR) is an automated method of duplicating data and quickly configuring reader controllers and workstations to use an alternate system processor (SP), data directory, server or CIM in the event of a catastrophic situation or system failure. The primary benefits of redundant recovery include the minimization of down time and data loss during a system failure. The switchover process is operator-initiated to prevent erroneous or unnecessary switchover.



FEATURES AND BENEFITS

- A completely redundant system
- Minimize down-time of your system during a catastrophic situation
- Eliminate/minimize data loss in the event of server failure
- Increase system stability • Monitor your system in real-time
- Configuration and maintenance tools
- Efficient reporting options
- Includes 10 hours of technical support
- Continuous monitoring of your system
- Status monitor provides visual display of device status
- May be installed on any computer with network connectivity
- Operator initiated to prevent unnecessary switchover

MINIMUM SYSTEM REQUIREMENTS

- Access Control System Software 5.3.6 or higher
- Active Directory
- The communication between the master controller and CIM must be via network connection (IP module)
- The backup SP must have a multi-user license
- Administrative access login to both servers
- Intel Core i7 or Xeon Processor
- 8GB RAM
- 500 Gb Disk Space
- DVD Drive
- 100/1000 Base-T network card (NIC)
 - must be active for SMS licensing

SMS does not support CIM or SP on a multi-homed system (more than one active NIC). CIM/SP/Controller communications may be unpredictable on multi-homed systems. If NIC redundancy is required, Vanderbilt recommends teaming multiple NICs installed in the same system.

- Microsoft Windows Vista SP2 or newer** (32-bit or 64-bit)
- Microsoft Windows 7 SP1 or newer** (32-bit or 64-bit)
- VM ESX 4.1 through 5.5 - All service pack levels
- Microsoft Windows 8 Professional
- Microsoft Windows 8.1 Professional
- Microsoft Windows 10 Professional

MULTI-USER SERVER OPERATING SYSTEM

- Microsoft Windows Vista SP2 or newer (except Home Edition)
- Microsoft Windows 7 SP1 or newer (except Home Edition)
- Microsoft Windows 8 Professional
- Microsoft Windows 8.1 Professional
- Microsoft Windows 10 Professional
- Microsoft Windows 2008 Standard, Datacenter or Enterprise
- Microsoft Windows 2008 R2 Standard, Datacenter or Enterprise
- Microsoft Windows 2012 Essentials, Standard or Datacenter
- Microsoft Windows 2012 R2 Essentials, Standard or Datacenter
- Microsoft Windows 2016 Essentials, Standard or Datacenter
- VMware ESX v4.1 through ESX v6.0 - All service pack levels
- Microsoft Hyper-V on Windows Server 2012 R2

DATABASE ENGINE

- Microsoft SQL Server 2008 Standard, Datacenter or Enterprise
- Microsoft SQL Server 2008 R2 Standard, Datacenter or Enterprise
- Microsoft SQL Server 2012 Standard or Enterprise SP2 or newer
- Microsoft SQL Server 2014 Standard or Enterprise SP1 or newer
- Microsoft SQL Server 2016 Standard / Enterprise SP1 or newer

ORDERING INFORMATION

VRR Please contact factory for pricing.

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