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	High levels of RAS built into the hardware		In-memory application sharing
ŝ	Non-disruptive On/Off Capacity on Demand capability		 Share program executables among multiple server images
	Linux and z/OS application integration	1	Server-memory-cached disk I/O
	Highly granular allocation of hardware assets		 High-speed read access to files on disk
	 Add "small" server images to existing 		Virtual Disks in Storage
	configuration with minimal impact to other server images expected		 High-speed read and write access to files in memory (excellent swap devices for Linux)
	Large-scale server hosting		Built-in console message routing
	 Potentially hundreds of server images 		 Route messages from all virtual servers to a
	Resource consumption recording / reporting		single virtual machine (system automation)
	 Capture data at hypervisor level (CP Monitor) 	1	Virtual Machine Resource Manager
	 Useful for charge-back, capacity planning, 	1	"Hands free" auto-logon of server images
	problem determination, and fix verification		 Using z/VM "Autolog" support
Ĵ	Hot stand-by without the hardware expense	1.1	Initiate operating system shutdown from "outside" the server image
	 Idle backup images ready to run (or be booted) if primary servers fail 		-
	Autonomic, non-disruptive disk failover to		 Without requiring agent running on guest operating system
	secondary storage subsystem capability		Up to 256 Linux servers can share a single
÷	Architecture simulation		System z cryptographic card using z/VM
	 Help satisfy configuration requirements without 	1.6	Clone, patch, and "go live" with easy rollback

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