Vendita

Why Run Oracle Database On IBM POWER® Over Intel®-Based Offerings

	DCS: IBM POWER®-Based Solution	Intel®-Based Appliance	Differentiator
RAS/RISK (Reliability, Availability, Serviceability)	• Designed for Mission-Critical Workloads • Lowest Failure Rates in the Industry • Speed of Implementation & Solution Delivery	• Commodity Approach to Mission-Critical Application; More Total Cores Required • Increased Risk: More Points of Failure	• Lowest System Failure Rate with Highest System Performance (ITIC) • IBM Delivers the Proven Combination of Industry Insight, Extensive Real-World Oracle Applications Experience
Performance	• 4:1 Performance Advantage vs. Competitive Platforms Utilizing Pooled Processor Resources	• Lower Density Systems, Commodity Parts • Slower Cores with Higher Failure Rates • Higher Latency Solution	• IBM POWER® Specifically Engineered & Positioned for Large Enterprises to Run the Oracle Database & Mission-Critical Apps. • IBM POWER® Precisely Aligned with Client Workload Requirements.
Virtualization	• Lowest Virtualization Layer Overhead on Multi-Threaded Workloads • Can Use Multiple DB Instances on Single Server	• Higher Virtualization Overhead • Poor Memory Utilization	• Highest Performance Virtualization Solution to Run Oracle Database • IBM Power Systems™ Virtualization for Oracle Database Is a Game Changer
Private Cloud	• PowerVC, Based on OpenStack, Used By Over 50% of Fortune 100 Companies • Multiple Installation Paradigms to Fit All Needs	• "Add-In" Private Cloud Management or Vendors Specific Private Cloud Management	• IBM Is a Platinum Partner for OpenStack, the Leading Cloud Management Platform. • Easy to Install on Both PPC & x86 RHEL
Ease of Management	• Fewer Cores, Fewer Systems to Manage • Eliminate Server Sprawl, • Easier Ownership & Maintenance Experience	• More Cores, More Systems to Manage • More Points of Failure • Higher Management Costs with More Risk	• Fewer Systems Needed to Handle Applications, Leading to Easier Management & Higher Resource Utilization • MAS Technology Enables Processes to Be Automated, Freeing Up Time & Resources for Innovation, Not Task Management
Scalability / Agility	• High Processor & Memory Density Servers • Capacity-On-Demand • Stack & Virtualize for Ultimate Agility	• Scaling Creates Server Sprawl • Lower Density Virtual Machines • Virtualization Limitations Limits Scalability	• Single Server Scales to 8TB of Memory & 80 4.19 GHZ Cores • Virtualization & Environment Stacking Bring Ultimate Agility • Dynamic Scaling on Demand to Meet Rapid Changes In Workloads
Flexibility	• Stack Dev, QA, Test on a Single Server • Utilize Current Storage & Networking Investments • Saves on Footprint & OPEX	• Limitations Stacking 3TB Workloads • Appliance Approach Dictates Hardware • Cannot Utilize Current Investments	• Run Multiple Workloads on A Single Scale-Up Server with Industry's Lowest Overhead Virtualization Solution for Oracle Applications • Capacity-On-Demand, Instant Provisioning & Deployment
Footprint	• Value: Fewer Cores, Smaller Footprints, with Lower Operating & Datacenter Costs • Higher Density Virtualization for Scale-up	• Larger Footprint – VMWare Memory Limitations • Higher Datacenter & Operational Costs	• IBM POWER8-Based Solution Fully Utilize the Scale-up Approach • Smallest Possible Hardware & Operational Footprint
TCO	• Smaller Footprint & Use of Existing Investments Lower Overall Costs of Datacenter & Ops • Pre-Provisioning Feature Means No On-Site Expertise Needed for Proper Implementation	• Higher Data Center & Operational Costs • Memory Limitations Lead to Scale-out, Not Scale-up Model • Most Offerings Require Oracle RAC & Expensive On-Site Provisioning Expertise	• Exceptional Total Cost of Ownership Solution • IBM-Oracle Strong Relationship w.r.t technology integration & Services Collaboration.