IBM® Power Systems™

Architecture any way you choose to scale it

You wouldn't pay for a 10-story building & only use two floors,
don't let 80% of your servers sit idle

Scale out with Power Systems

2X faster,
47% lower cost per UI per second[1]

47%

1 & 2 socket systems offer
higher scale-out utilization, guaranteed[2]

Insights delivered
50x faster than Ivy Bridge[3]

50x

Scale up with Power Systems

Raise order capacity by 50%[4]

87% less cost per VM
with PowerVM versus VMware[5]

50%

Optimize resources - move processor & memory activations within a pool of systems using
Power Enterprise Pools

POWER
http://bit.ly/powerBDA

1) This is an IBM internal study designed to replicate a typical IBM customer workload usage in the marketplace. The results were obtained under laboratory conditions, and not in an actual customer environment. IBM's internal workload studies are not benchmark applications, nor are they based on any benchmark standard. As such, customer applications, differences in the stack deployed, and other systems variations or testing conditions may produce different results and may vary based on actual configuration, applications, specific queries and other variables in a production environment. Systems compared were Power S824 (3.525 GHz 24 core) and Intel Ivy Bridge-EP (2.7 GHz 24 core - HP - ProLiant DL380p Gen8 Xeon E5-2). Prices, where applicable, are based on published US list prices for both IBM and competitor, and the cost calculation compares the cost per request for the 3yr life of the machine. 3 year total cost of acquisition comparisons are based on similar expected hardware, software, service & support offerings.2) Based on IBM's commitment to deliver the most efficient systems in the marketplace, IBM POWER8 Scale-Out servers guarantee 65% system utilization* to run a broad range of workloads. IBM's guarantee of 65% utilization increases return on investment: Fewer servers, lower SW expense, better TCA and TCO 3) 50x is based on IBM Internal Testing of sample analytic workloads. Performance improvement figures are cumulative of all queries in the workload. Individual results will vary depending on individual workloads, configurations and conditions. 4) http://bit.ly/so50pct 5) "Does Your Virtualization Platform Matter?" Solitaire Interglobal Ltd, April 2012.

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