Clear Technologies™



Trusted Advisor



https://www.cleartechnologies.net/sap/

Passionate evangelist for Enterprise Compute, Storage & Software infrastructure. Recognized specialist in enterprise architecture, software cost reduction and competitive selling. Focus over the past 12 years has been on Architecture & Solution Design for clients running large, complex SAP environments.

https://www.linkedin.com/in/murphy-brett/



LinkedIn

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Cloud - Eyes Wide Shut!

Your C-Level executives are looking at cloud - this is just a FACT. The I... by Brett Murphy • 5 min read



Power in IBM Cloud, just the beginning

IBM and SAP announced today IBM POWER9 is now available and...

by Brett Murphy • 4 min read



Building the S/4HANA Business Case

Not all corporate projects and initiatives are created equal. Addin...

by Brett Murphy • 3 min read



The ideal SAP HANA Platform

Unlike SAP ECC, SAP HANA is supported with 1 x OS and 2 x...

by Brett Murphy • 4 min read



Power Systems Virtual Servers laaS now SAP HANA...

SAP ECC and SAP HANA shops have one more enterprise hosting optio...

by Brett Murphy • 6 min read



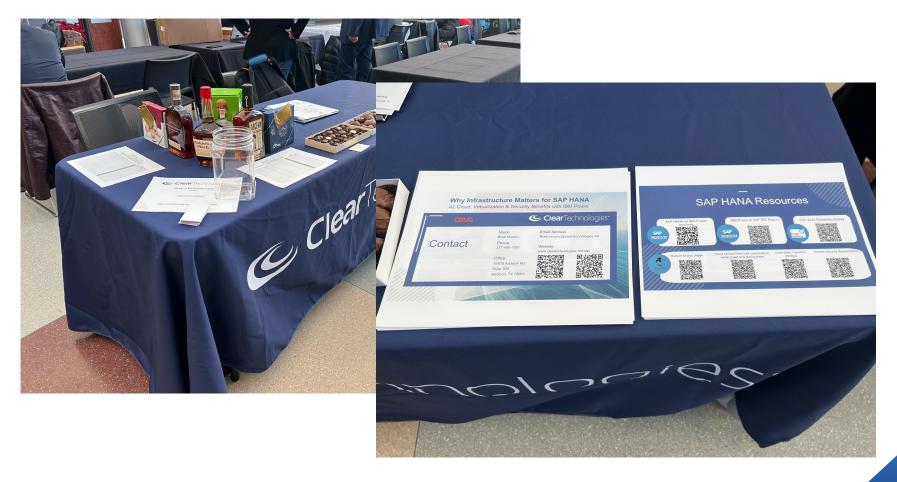
HANA Infrastructure - Peace of Mind

Infrastructure cost is an expected component of any IT project....

by Brett Murphy • 3 min read



Sign-up & Win





About Clear Technologies



We are a single point of contact, committed to consistently delivering the solution and services that are the best fit for your business.

- 30-year Value-Added Reseller
- · Long history with Systems & Storage
- Strategic focus on SAP, and other innovative solutions
- Extraordinary Net Promotor Score
- Cognitive Leadership Program
- 3 IBM Champions



Core Portfolio





- Traditional Infrastructure VAR
 - Compute, Storage & Networking
- SAP Infrastructure Practice
- Security Practice
- Small Managed Service Practice
- Infrastructure Consulting Services
- Woman owned business (WBENC)

- Cloud based storage reporting,
 capacity planning and analytics
- VMware vSphere and SAN multiplatform storage dashboard
- Proactively audit and monitor IT infrastructure



Visual One Intelligence

Infrastructure Reporting





Infrastructure Optimization



Storage, Cloud & Virtualization





Clear's SAP Practice





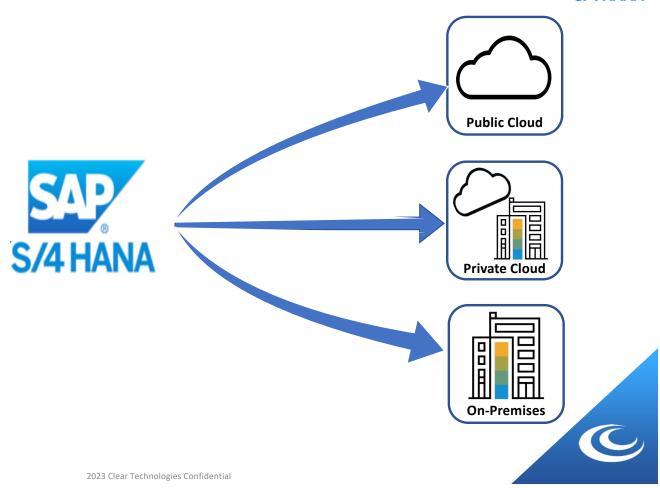
- On-premises, Private Cloud and Public Cloud hosting & infrastructure reseller
- HANA sizing
- Hardware, Software & Services focused

- \$0 SAP HANA Readiness Assessment
- \$0 Cyber Resiliency Assessment
- Storage Capacity & Planning Assessment
- Affiliated with a SI Partner
- Affiliated with Migration Partner(s)
- Affiliated with Managed Service Partner(s)



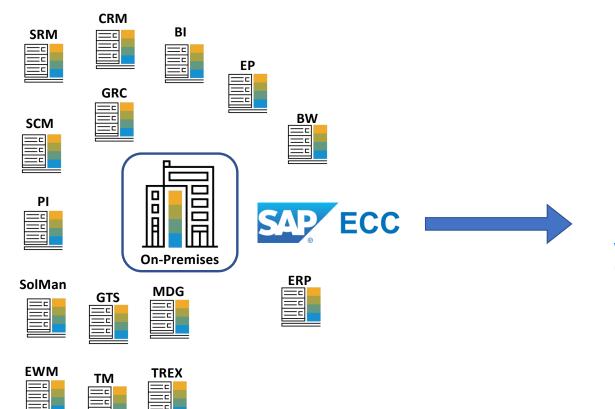
Hosting HANA





In the beginning ...









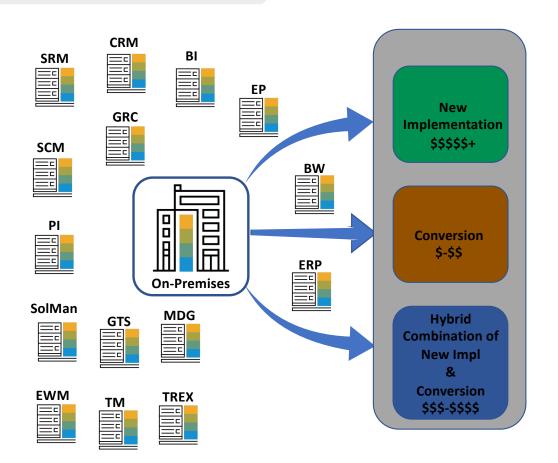


2027



Decisions - Decisions







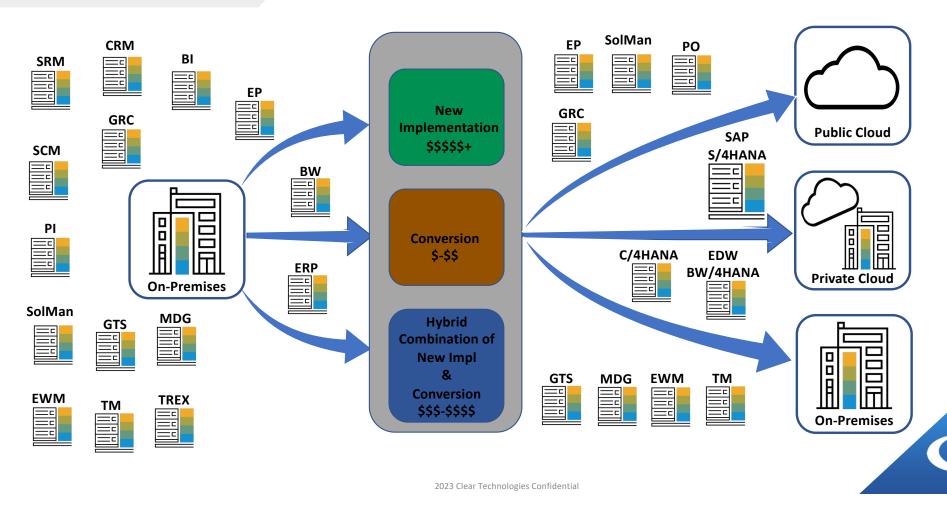
S/4 HANA





HANA Ready





Marketing ...

Be an Informed Consumer

Ford's CEO had a charging 'reality check' on his electric F-150 Lightning road trip

Nora Naughton

Updated August 14, 2023 · 2 min read

↑ 937

"Charging has been pretty challenging,"
Ford CEO Jim Farley hit the road in an electric F-150 Lightning last week.

Just because companies claim something is the direction everyone is going, or the next wave could also mean it is where they are driving you to versus consumers asking for it.

B. Murphy





Brett ...

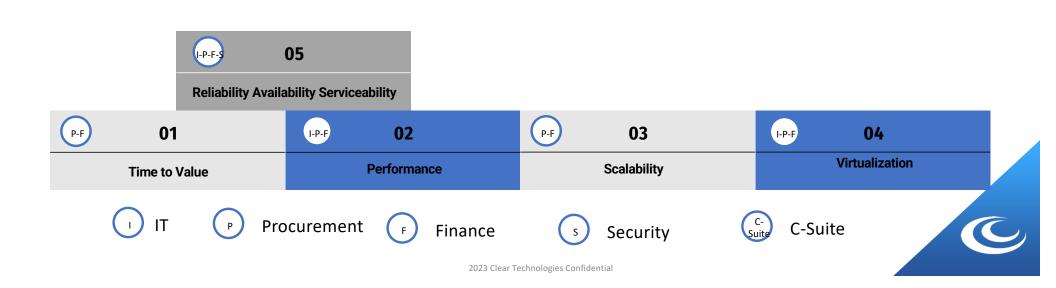
I've owned 4 Hybrids





Obtaining the Desirable End State





Not Created Equal



SAP HANA is an In-Memory DB



Technical white paper

Summary

Memory RAS capabilities can reduce scale-up server crash rates by approximately 85% and the annual service rate by 90%2

Memory device failures—if not corrected—can result in service events, or even server crashes. As modern servers implement ever larger memory arrays, the likelihood of a memory device failure increases, especially for scale-up³ servers due to their high memory capacity. To outpace this trend, HPE ProLiant servers provide an increasingly comprehensive suite of memory error detection and correction features—collectively called memory RAS (reliability, availability, serviceability).

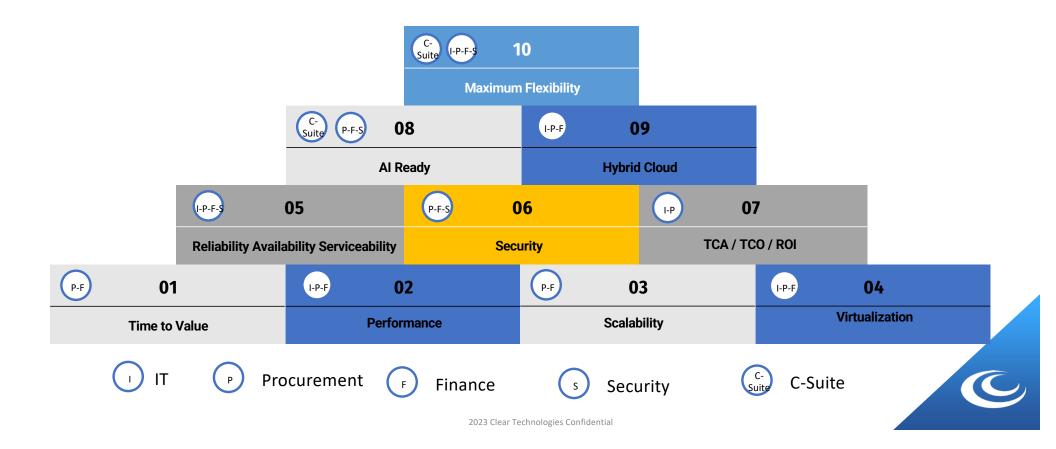
It might surprise you to know that memory device failures are far and away the most frequent type of failure for scale-up servers. This paper reviews recent HPE engineering analyses which identify memory device failures as the #1 root cause of both crashes and service events for scale-up servers in which advanced memory protection technologies such as DDDC or SDDC with rank sparing, have not been implemented.

How memory RAS technologies can enhance the uptime of HPE ProLiant servers



Obtaining the Desirable End State





IBM **Power**

SAP HANA EXCELLENCE





Watch "The Legacy and Future of IBM POWER with IBM POWER10"

Best SAP 2.7X

Per core performance of 8-socket E1080 two-tier SAP SD benchmark compared to best x86 8-socket HPE Superdome Flex

~8,000 SAPS/co



45

IBM Cloud - PowerVS
Private Cloud

of America's top 50 largest revenue generating companies are active Power customers



=99.999%

Availability rating in ITIC survey of 1,200 corporations across 28 vertical markets

SAP HANA on Power customers



Scale SAP on Power

100GB



Largest certified Memory instance



SAP on Power

>4,500



Highly Secure

Default Encrypted Memory
@ no additional cost
Trusted (Secure) Boot, Firewall & , EDR, MFA, SCAP
4X crypto engines supporting AES, SHA2, and SHA3

<0.013%

Security vulnerabilities in PowerVM hypervisor compared to VMware



16 LPAR



AI on Power

42%

<1s

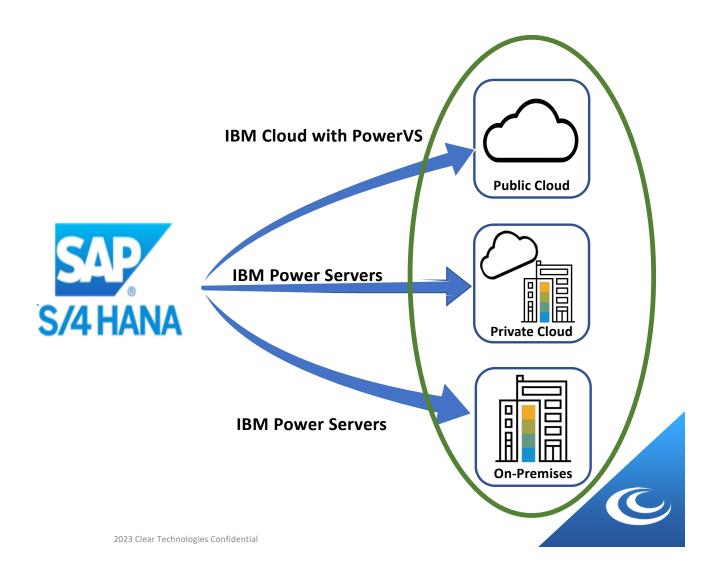
4 core 64GB to 240 core 64 TB Systems

Highest # of production virtual partitions

More inferencing throughput v x86

Inferencing latency

Decision Time



Call to Action

Schedule a Meeting Today

\$0 SAP HANA Readiness Assessment

\$0 Cyber Security Assessment

\$0 Storage & Capacity Planning Assessment



Sign-up 4 Assessments



NO VENDORS - NO SAP - NO STUDENTS - NO SYSTEMS MANUFACTURERS (le IBM, Dell, HPE, etc) Please ensure details are legible

Stack these gift cards!

Receive a \$10 Amazon gift-card via email if you sign-up for a no-cost assessment Receive a \$15 Amazon gift card at the conclusion of our first call / meeting Receive a \$50 Amazon gift card if our initial meeting leads to an actual Assessment

Schedule a Meeting Today

\$0 SAP HANA Readiness Assessment

\$0 Cyber Security
Assessment

\$0 Storage & Capacity Planning Assessment

Name	Company	Email	Phone	HANA Readiness	Cyber Resiliency (CRAT)	Storage Capacit Planning
	1					
	1					
	+					
	+					
	+					



Assessments

Resources

Clear Technologies

https://www.cleartechnologies.net/sap/

ITIC Security Survey Results

https://www.ibm.com/downloads/cas/BGARGJRZ

ITIC Reliability Survey Results

https://lnkd.in/dDbwVe77

SAP Blog – SAP HANA on Power10

https://blogs.sap.com/2023/03/17/sap-hana-on-ibm-power10/

SAP Note 2100010

SAP HANA: Popular Misconceptions



Thank you

Q&A



SAP product

Sub-competency

3rd Party product

13 Layers of SAP Security

IBM point of view of SAP Security

