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The End-to-end reliability forum.



Data Center Certifications for Healthcare

Why certify?

Which certification?

www.waketsi.com

Agenda

- Types of data center certifications
- Value of certifications

Types of Certifications

- Vendor
- Consultant Firms
- Standards Bodies
- Government

Vendor Certifications

- IBM – Global Services
- HP – Consulting Services
- Dell – Consulting Services
- Sun – Consulting Services
- Microsoft – Consulting Services
- Cisco – Consulting Services

Consultant Certifications

- BrunsPak – 1991
 - Scale of 10
 - Matches to Uptime Institute scale
- Uptime Institute – 1995
 - Scale of 4
 - Basis for TIA 942
 - Wide industry acceptance
- Syska Hennessey (HP) – 2001
 - Not published
 - Proprietary

Standards Bodies

- ANSI
 - BICSI – Low Voltage Cabling
 - ASHRAE – Heating and Cooling
 - NFPA – Alarms and Fire protection
 - NEC – Electrical Codes
 - TIA/EIA – Telecommunications (TIA 942)
- ISO
 - 9000:2001 – Quality Management in Production Systems
 - 20000:2005 – ITIL
 - 27001 Information Security

Government

- US Federal Government HIE
 - The HIE shall provide a physical environment that enables the proper, secure and reliable operation of the system including: **electrical, HVAC, and security**
 - The system shall be able to provide **time synchronization** using NTP/SNTP, and use this synchronized time in all security records of time
 - Provide documentation that systems are **auditable**
 - The HIE shall conduct internal and external scanning to identify system vulnerabilities to unauthorized access (**IDS/IDP**)
 - The HIE shall have in place **anti-virus** protections consistent with the HIE's technical environment

Value of Certifications

- Value to the organization depends mostly on why the certification is being achieved!
- Results also depend upon:
 - How thorough was the certification process?
 - How experienced was the reviewer?
 - What guidelines were followed?
 - What areas of the data center were reviewed?
 - Who values the certification?

Questions & Comments