

10 Things You Should Know About ATCA

John Fryer
Oracle Communication Global Business Unit

Some Important Points About ATCA

- ATCA is proven and mature technology
 - Mechanical and Electrical blade interoperability is a given
 - Broad adoption in communications with many vendors
- But.... Need to ensure hardware systems are future proofed
 - All new blades will require greater than 200W
 - Can the backplane support 40G and up for next generation switches?
 - Can the system cool more powerful blades?
 - Environmental interoperability between multiple vendors still a WIP
- Software is often overlooked as a critical element
 - OpenSAF HA middleware is an essential element for leveraging ATCA
 - Interoperability at the IPMI level
 - SA Forum HPI is universally adopted for ATCA – but multiple implementations exist
 - Lower level system configurations required to get a system running

Thank You