BEAUTIFUL SCALE

VIRTUALIZATION, CONTAINERIZATION, AND WHY YOUR DATA CENTER JUST GOT MORE ELASTIC

MIKE SIMPSON <MGSIMPSON@EMAIL.ARIZONA.EDU>
DIRECTOR, SOLUTIONS ARCHITECTURE & DATA CENTER SERVICES, UITS
UNIVERSITY OF ARIZONA
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THE AGE OF SAIL (SHIPS)
THE AGE OF BIG IRON (IT)
THE AGE OF STEAM (SHIPS)
THE AGE OF VIRTUALIZATION (IT)
SIDEBAR: DISRUPTIVE TECHNOLOGIES
“THAT DAMNABLE CLOUD!”
THE AGE OF AIR POWER (SHIPS)
THE AGE OF ORCHESTRATION (?) (IT)

CLOUD CAPABILITIES → CONTAINERIZATION
CONTAINERIZATION → ORCHESTRATION

“RUN HERE TODAY. RUN THERE TOMORROW.”
“RUN HERE AND THERE SIMULTANEOUSLY.”
“RUN THIS TODAY, RUN THAT TOMORROW.”
SO WHAT NOW?

• We’re using containers for all of the application components of the UAccess Financials upgrade.
  • Currently running on-premise.
  • Could be migrated to AWS (or anyone else’s cloud) down the road.
  • Leaves the door open for orchestration as well.
• Working on containerized UA Portal architecture, with similar opportunities.
• Three or four other “integration services” are in the planning stage, all containerized and orchestrated.
  • Using Docker for container layer
  • Using Rancher for orchestration layer
  • Plus lots of automation glue (Ansible, Puppet, Chef, CloudFormation, etc.)
Q & A

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