IT Operations and Cloud Services

INMARTECH 2014 November 19, 2014

CDR Joseph P Baczkowski, USPHS





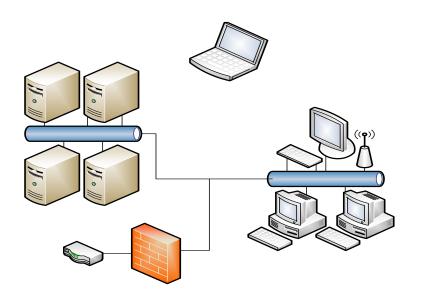
U.S. Department of Commerce

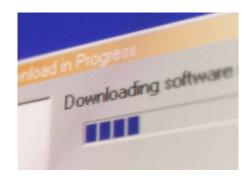
National Oceanic and Atmospheric Administration

Office of Marine and Aviation Operations



Information Technology (IT)









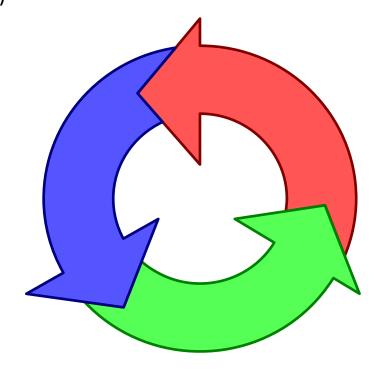
IT Operations

Information Technology Infrastructure Library (I.T.I.L)

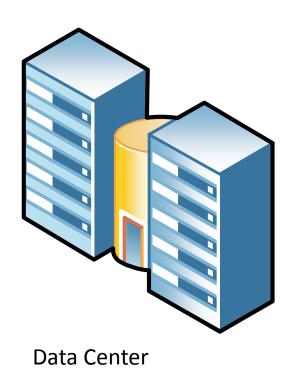
Microsoft Operations Framework (MOF)

ISO/IEC 27001





Traditional Data Center





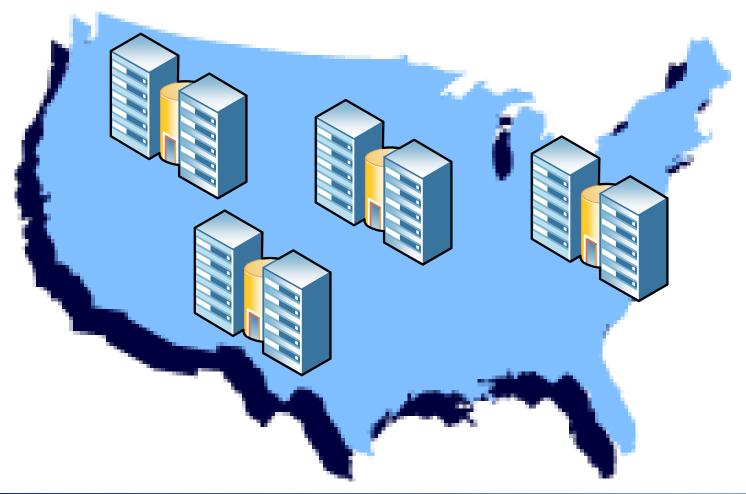
Hosted Data Center







Cloud Data Center



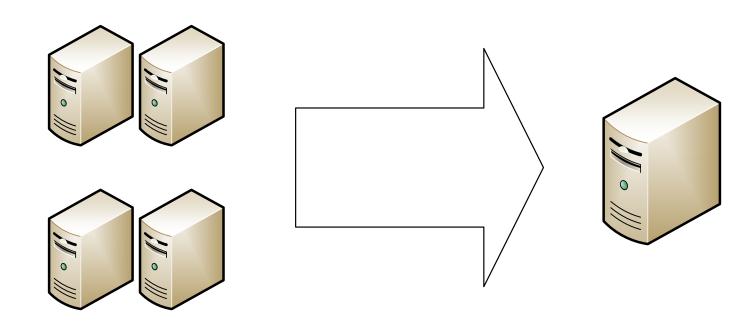




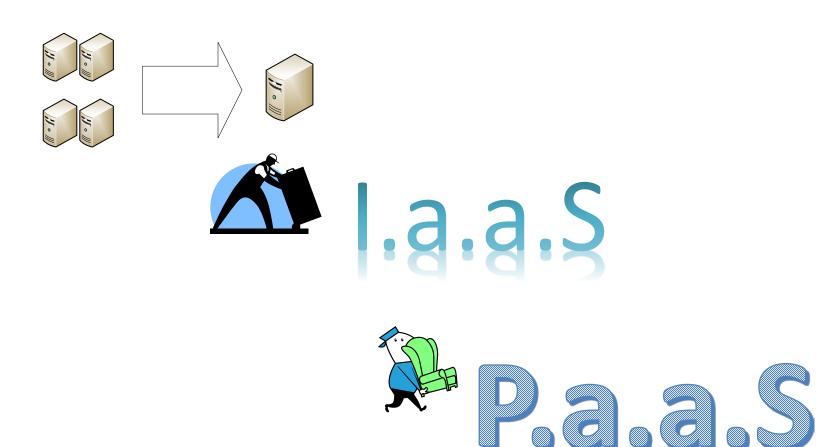
Cloud Services – Plain English

- Infrastructure-as-a-Service (laaS)
 - You do everything that is not physical
- Platform-as-a-Service (PaaS)
 - You only worry about your programming
- Software-as-a-Service (SaaS)
 - You worry about your processes

Virtualization



From A to B to C







What Did I Get?



What Did I Learn?



Questions?

