IT Operations and Cloud Services

INMARTECH 2014
November 19, 2014

CDR Joseph P Baczkowski, USPHS
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 Services – Plain English

• Infrastructure-as-a-Service (IaaS)
  – 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

I.a.a.S

P.a.a.S
What Did I Get?
What Did I Learn?
Questions?