Alternative Approaches to Collaborative Software Deployment Leveraging Open Source Software

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OS Software Deployment Alternatives *

- Open Source Software (OSS)
- Vendor-Supported OSS
- Commercial Software (with or without OSS components)
- Combinations of these options

OSS Deployment

• Develop and share software as OS
  – License as open source
  – Provide access within OS community (Apache, SourceForge, etc.)

• Collaboratively contribute to OSS project
  – Adopt OS software
  – Test, enhance, document, etc., to improve software
Deploying Vendor-Supported OSS

• Adopt OSS product provided by vendor
  – Vendor provides services such as installation, hosting, enhancement, customization, documentation, 24x7 help

• Vendor contributes enhancements to OSS
  – Enhancements meeting customer needs are also applicable to the OSS community
Deploying Commercial Software

- May or may not contain OSS components
- Identify common needs for enhancements among customers
- Collaborate on customizations within customer community (can become OSS)
Deploying combinations of OSS and Commercial Products and Services

- System composed of commercial and OSS
- Collaborating with OSS and customer communities
### Assessing Collaborative OSS Deployment Options*

*Derived from Yetman & Downs (2011)*

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