



Upgrading to 11.1.2.3.500? The Impact on your Existing Infrastructure Environment

Luis Castillo, September 4, 2014



Presentation Agenda

Introductions

Why Upgrade

Impacts

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Introductions

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- 8+ years of EPM experience
- 5+ years as Infrastructure Consultant
- Deep technical background in EPM applications and its required technologies across different platforms
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Why Upgrade?

Why Upgrade?

- Rollout new versions of workstation OS, Web Browsers and Office Suite
- Support for new Java on workstations
- Server upgrades
- Longer support lifecycle
- Support for newer versions of server OS
- Support for newer versions of relational databases
- New functionality and enhancements

Why Upgrade? Benefits of 11.1.2.3.500

- VM Friendly. Oracle now fully supports other VM Platforms
- Supports newer versions of OS's, web browsers and Office applications
- Full 64-bit architecture across the board. Eliminates memory limitations vs 32-bit counterparts in 11.1.1.x releases
- High Availability implementation is easier than ever!
- Simpler SSL setup, with different types of setups supported
- More options via configurator. Ports and other parameters can be modified via Configurator instead of digging through dozens of config files
- Users can migrate application and artifacts using LCM without IT
- New log analysis utility; easier for IT to troubleshoot technical issues
- Support for EPM Mobile

Additional Upgrade Considerations (v11.1.1.3 to v11.1.2.3.500)

General Comments

- All Applications are on “Sustained Support”
 - 550+ Enhancements
 - Financial Management
 - Planning/Essbase
 - Smart View
 - Financial Reports
 - Workspace
- All future enhancements to be based on the v11.1.2.3 architecture



Sustained Support Explained

- Since July 2013
 - No Further Enhancements or Bug Fixes
 - No New Security Alert Issues
 - No New Critical Patch Updates
 - No New Legal, Tax or Regulatory Updates
 - No New Upgrade Tools/Scripts
 - Online access to existing Oracle Knowledge Base tools and tech support

Additional Upgrade Considerations (v11.1.2.1 to v11.1.2.3.500)

General Comments

- All Applications are on “Premier Support” until April, 2018
- All Applications are on Extended Support until April, 2021
- 310+ Enhancements
 - Financial Management
 - Planning/Essbase
 - Smart View
 - Financial Reports
 - Workspace



The Caveat

- All future enhancements to be based on the v11.1.2.3.x architecture
 - V11.1.2.3 – 2013
 - V11.1.2.3.500 - 2014



Impacts

Impacts - Hardware Requirements

- Minimum Server Specs required for 11.1.2.3

Components	CPU Cores	RAM
Foundation	4	10
Planning	4	6
Essbase	4	6
Financial Management	4	6
Profitability	4	6
Strategic Finance	4	6
FDMEE	4	6

- Most components require over 40% of additional RAM, others require over 100%!

Impacts – Upgrading from 11.1.1.x

- **Hardware**

- Significant increase in minimum required hardware resources
- Recommended to install on new hardware rather than attempt to upgrade outdated servers
- More VM friendly than ever! Oracle introduced full support for Microsoft's Hyper-V platform in patch .500

- **Software**

- It is recommended to install on latest OS supported by Oracle. Windows 2003 EOL is July 2015
- For clients, recommended browser is IE 9 or 10 (with patch .500). Performance with IE 8 is not the greatest
- Latest versions of Smart View work best with Excel 2007 +
- A plethora of changes for the system admin (log location, configuration files, etc.)
- Requires the removal of old client software and installation of new version
- Client software is no longer installed via installer; individual MSI's are distributed
- Service names change. Automated restart scripts will need updating

- **The biggest impact is for IT. Most of what you knew about the suite is completely different and requires re-learning!**

Impacts – Upgrading from 11.1.2.x

- **Hardware**

- Not much impact. While server resource utilization is higher compared to previous releases, it is not as significant
- Can reuse existing hardware if preferred
- Upgrading from 11.1.2.x brings more new functionality and bug fixes than infrastructure changes
- More VM friendly than ever! Oracle introduced full support for Microsoft's Hyper-V platform in patch .500

- **Software**

- For clients, recommended browser is IE 9 or 10 (with patch .500). Performance with IE 8 is not the greatest
- Latest versions of Smart View work best with Excel 2007 +
- Service names change. Automated restart scripts will need updating
- Redeployment of newer client software is required



Installation Options

Installation Options

From 11.1.1.x

- Recommended to apply the 11.1.1.4 patch
- Install 11.1.2.3 and migrate applications and other artifacts
- Apply .500 patch

From 11.1.2.x

- Maintenance Release
- Install on new server, migrate applications and other artifacts
- Apply .500 patch

Installation Options – Pros and Cons

Maintenance Release

- **Pros**
 - Faster installation and less configuration required
 - Technical activities can be completed in a day or less
- **Cons**
 - No software rollback options. Will need to restore servers and DBs
 - Manual clean up post install of unused artifacts(old logs, folders, etc.)
 - Can't parallel test; previous version of environment is no longer available

New Installation with Migration

- **Pros**
 - Fresh, clean environment with new install of release
 - Can be installed in newer, more powerful hardware if desired
 - Can be used for comparison against existing environment
 - If unhappy with results and/or critical bugs are discovered, can continue work on existing environment
- **Cons**
 - Takes longer to install
 - Requires migrations of artifacts (security, applications, reports, etc.)
 - Requires more testing to ensure everything was migrated correctly

Questions





THANK YOU FOR YOUR TIME

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