Upgrading to webMethods 8
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Agenda

- Overview
- Upgrade Options
- Certified Upgrade Path
- Product Upgrade Procedures
- Utilities
- GCS Upgrade Offerings
Overview

- Upgrade Key Feature for 8.0 Release
- Simplified Procedures
- Two Supported Upgrade Options
- Detailed Guides (http://documentation.softwareag.com/)
- New Utilities
Upgrade Options

- Over-Install
  - Install New Product Version over Current Version

- Side-by-Side
  - New Product Install and Migration from Current Version

- Certified Upgrade Paths
  - 6.5 to 8.0 Side-by-Side Upgrade
  - 7.1.x to 8.0 Side-by-Side Upgrade
  - 7.1.x to 8.0 Over-Install Upgrade
  - 8.0 FCS to 8.0 Over-Install Upgrade
Product Upgrade Procedures Highlights
Upgrade Procedures - Broker

Over-Install
- Install 8.0 Broker Over Current Installation

Side-by-Side
- Install 8.0 Broker in New Location
- Configure 8.0 Broker Server
  - Import/Export from MWS
- Create New Storage or Reuse Storage
- For 6.5 Upgrades
  - Convert to new SSL libraries
  - Client code refactoring

Certified Upgrade Paths
- Side-by-Side: 6.5, 7.1.x to 8.0
- Over-Install: 7.1.x, 8.0 FCS to 8.0
Upgraded Procedures - Integration Server

Over-Install

- Install 8.0 Integration Server Over Current Installation
- Run Migration Utility
- Customize Start Up Files
- Migrate Database Components

Side-by-Side

- Install 8.0 Integration Server in New Location
- Run Migration Utility (Packaged in Fix)
- Customize Start Up Files
- Migrate Database Components
- For 6.5 Upgrades
  - Assign Trust Store
  - Reconfigure Cluster

Certified Upgrade Paths

Side-by-Side: 6.5, 7.1.x to 8.0
Over-Install: 7.1.x, 8.0 FCS to 8.0
Upgrade Procedures - Trading Networks

Over-Install
- Install 8.0 Trading Networks Over Current Installation
  - Note: Completed Integration Server Upgrade
- Migrate Database Components

Side-by-Side
- Install 8.0 Trading Networks in New Location
- Migrate Properties File
- Migrate Database Components
- For 6.5 Upgrade
  - Migrate Additional Trading Networks Data
  - Migrate Data/Time for Data

Certified Upgrade Paths
Side-by-Side: 6.5, 7.1.x to 8.0
Over-Install: 7.1.x, 8.0 FCS to 8.0
Upgrade Procedures - My webMethods Server

Over-Install

- Install 8.0 My webMethods Server (MWS) Over Current Installation
- Migrate MWS Components
- Migrate Database Component
- Configure MWS

Side-by-Side

- Install 8.0 MWS in New Location
- Apply Fixes
- Identify Assets to Export
- Export/Import Assets
- Same for 6.5 and 7.1.x

Certified Upgrade Paths
Side-by-Side: 6.5, 7.1.x to 8.0
Over-Install: 7.1.x, 8.0 FCS to 8.0
Upgrade Procedures - BPM

Over-Install
- Install 8.0 BPM Over Current Installation
  - Note: Completed Broker & Integration Server Upgrade
- Migrate Design-Time Data Import/Export
  - Process & Tasks
- Migrate Run-Time Data (database components)

Side-by-Side
- Install 8.0 BPM in New Location
- Migrate Design-Time Data Import/Export
  - Process & Tasks
- Migrate Run-Time Data (database components)

Certified Upgrade Paths
Side-by-Side: 6.5, 7.1.x to 8.0
Over-Install: 7.1.x, 8.0 FCS to 8.0
Upgrade Procedures - Optimize (BAM)

Over-Install
- Export Configuration Data
- Install 8.0 Optimize Over Current Installation
- Migrate Database Components
- Update Broker Connection Information
- Import Configuration Data
- Rediscover Assets and Reestablish Monitoring

Side-by-Side
- Export Configuration Data
- Install 8.0 Optimize in New Location
- Migrate Database Components
- Import Configuration Data
- Rediscover Assets and Reestablish Monitoring
- For 6.5 Upgrade: Upgrade to 7.1.2 First

Certified Upgrade Paths
Side-by-Side: 6.5, 7.1.x to 8.0
Over-Install: 7.1.x, 8.0 FCS to 8.0
Upgrade Procedures - Deployer

Over-Install

- Install 8.0 Deployer Over Current Installation
  - Note: Completed Integration Server Upgrade
- All Source Server Must Be Upgraded
- Start Source Servers, Deployer, and Builds Automatically Upgraded

Side-by-Side

- Install 8.0 Deployer in New Location
- Point 8.0 Deployer at Current Deployer
- Migrate Connection Information (Server Aliases)
- Migrate Target Groups (7.1.x Only)
- Migrate Deployment Projects

Certified Upgrade Paths

- Side-by-Side: 6.5, 7.1.x to 8.0
- Over-Install: 7.1.x, 8.0 FCS to 8.0
Upgrade Support for CentraSite

CentraSite ActiveSOA 8.0 SP3 provides the unified capabilities of the two previous product offerings

- CentraSite Enterprise Edition (EE) 3.x
- CentraSite Governance Edition (GE) 7.1.x

In addition to the combination of the two former distinct products it offers a wide range of new functionalities

In order to make best use of the new functionalities and migrate existing data customers shall contact Global Consulting Services who have migration tooling in place to support customers
Utilities

Integration Server Migration Utility
- Automatically manage 50 configuration files, security setting, ports, logging, etc.

MWS Migration Utility
- Both command line and User driven options

Deployer Migration Utility
- Find and migrate deployment sets

Database Migration Utility
- Add, Upgrade, Migrate, Delete Database Components
Frequently Asked Questions
General Questions

- Currently 600 customers have started projects on 8.0. We estimate that about 30 to 40% of these are upgrades.
- 6.5 and 7.1 platforms require the most recent service packs applied before upgrading.
- Side-by-side is good if you want to upgrade hardware or OS at the same time as your webMethods upgrade.
- Over-install is a good approach if you just want to upgrade the webMethods software in place.
Products With No Direct Upgrade Path

- webMethods X-Broker
- webMethods Workflow 6.x Server
- webMethods 7.x Metadata Library
More Information

- [http://documentation.softwareag.com/](http://documentation.softwareag.com/)
  - Upgrade Guide
  - System Requirements Guide

- [https://empower.softwareag.com/](https://empower.softwareag.com/)
  - Support Policy & Dates
Global Consulting Services Offerings

Upgrading to webMethods 8
GEAR for webMethods Upgrades - Experience & Methodology to ensures predictable Results

Gather
- System Audit
- Architecture Review
- Future Goals / Objectives
- Enhancements Plans
- Skill Assessment
- Gap Analysis

Explore
- Strategy Plan
- Rollout Plan
- Testing Plan
- Architectural Design
- Project Plan
- Effort Estimation

Assemble
- Environment Setup on Latest Release
- Implementation Modifications
- Setup Quality Assurance
- Performance Test Environment
- Scaling and HA Environment

Rollout
- Production Rollout
- Testing Framework for Future Modifications & Projects
- Skills & Best Practices Transfer
- Documentation

Education
- webMethods Delta Trainings
- Certifications

Project Management
Value-added upgrade services

Customer Needs

Minimize down time, identify and reduce risk

Maintain a stable and efficient IT infrastructure

Smooth upgrade at high quality and controlled cost

Our Approach

A GEAR-based proven methodology using best practices and special tooling

Dedicated upgrade engineers with experience from 400+ successful upgrades

Global delivery model to provide the best value and quality based on your specific needs

Customer Benefits

Best practices and a testing framework for future use

Hot wire into Software AG product development and support

High-quality, on-time, on-budget project success
What is an Upgrade?

1. An upgrade is 1 to 1 deployment of an existing implementation from an old version of the software platform to a new version.

2. No code changes, enhancements & re-architecture.

3. Adoption of new standards and technologies.
Get There Faster.
Typical Upgrade Projects

1. **Assessment:** 1 - 5 day effort to assess high level requirements and demonstrate the value of an upgrade.

2. **Planning:** Upgrade planning is often a separate SOW. Critical To Success. Sufficient schedule and resources assigned to consider all requirements and risks.

3. **Execution:** Upgrade execution frequently becomes the third phase of a successful upgrade. The time to complete this phase is estimated in the planning phase. Length of time for the execution phase will vary greatly based upon complexity and size of the upgrade effort.
Upgrade Strategies

- As-Is migration - less risk, less cost, less time, limited scope & limited ROI Highly efficient development

- Phased migration with architectural changes - more time & testing. Agile - Iterative approach

- Big-bang migration with architectural changes - more risk, more chaos, higher ROI
True Commerce - webMethods 8.0 Upgrade

**Challenge**

True Commerce wanted to Upgrade to leverage BAM 8.0 capabilities

**Key success factor**

Planning and documenting the upgrade changes and resource alignment.

**SAG GCS Involvement**

- Planning and Executions
- Architecture changes
- Issue escalation and proactively working with engineering and support teams.
How can SAG GCS help customer upgrade

- Upgrade assessments
- Trusted advisor engagement during the upgrade cycle
- Subject Matter Expert with support from rest of the SAG organization
- Deployment partner
- Partner with SI of your choice
- Your Extended Support
- Conduct Periodic health checks
Common Upgrade Questions

• How much is going to cost?
• Do I need to have increased capacity during the upgrade?
• What are the common reasons customers upgrade?
• What is the testing strategy for the upgrade?
• Do other customers include architecture changes in the upgrade project?
• What is the ideal resource matrix for offshore-onsite?
• What activities can effectively done remotely?
A week on the wild side

I’ve got a stock here that could really excel.

Really excel?

Excel?

Sell?

Sell?

Sell! Sell! Sell!

This is madness! I can’t take anymore.

Goodbye?

Bye?

Buy!

Buy! Buy!
Questions Continued ...

- What is the rollback or contingency plan?
- What is the best day/time for the upgrade cutoff?
- Do we need to dedicate resources for the upgrade project?
- Does GCS provide post production support?
Top 5 Upgrade tasks

• Broker 8.0 Features - JMS, Policy based clustering
• Performance considerations
• WS standards - REST implementation
• Data Migration - Reporting
• CentraSite upgrade
Request your free Benefit Analysis now!

- One-day workshop to assist you in defining your upgrade strategy and review the benefits for your organization
- Key aspects and results of the workshop:
  - System audit
  - Architecture review
  - Skills assessment
  - Gap analysis
- Don’t wait! Submit your request at: www.softwareag.com/upgrade
Thank you!

http://www.softwareag.com/