

Migration – The Big Picture

Sequence/Stages and Processes – Towards Final Migration Switch-over & Go-Live

- Roll-out and Roll-back rehearsals.
 - Redundancy and Disaster recovery planning.
 - Pre-migration User communications
- Orchestrated and Automated programmatic fixes/updates to SharePoint content/code
 - This is the code based program(s) through console interface – already developed.
 - Additional programmatic tasks/functions can be added independently (Demo)
- More
 - User Hyper-Support and Training support.
 - Database optimizations
 - Search service optimizations
 - Workflows rehydration
 - Records and Document Management features for Enterprise users.
- More suggestions ...

** Performing the entire migration over a short-downtime for the entire SharePoint-2007 estate.*

** Preparing plan/case for almost immediate move to SharePoint-2013+ from SP-2010 version with in-place upgrade approach.*

Before-Mount : Readiness

Infrastructure and Server administration activities for strong future foundation

- **SQL Backups** : SQL Database backing up can be delegated/streamlined to be performed as a batch operation and on-demand.
- **Servers** capacity planning/analysis to ensure active-users performance is sustained on full-go-live
 - Ensuring best practice for hardware and Windows Server OS patches etc. such that potential for SharePoint 2013/2016 in-place upgrade is considered.
 - **Resolving** SharePoint Farm indicated "Monitored" problems/reports [Health Reports]
- **Developer/UAT Servers**
 - A capable/ready2use development box/environment for all SharePoint web applications is prepared, ideally replicated as like-for-like from "Live" configurations.

After-Mount : Operations

Manual/Programmatic fixes

- Web-Parts upgrade and Files-Folder fix(Symantec data corruption issue)
 - Check-Ins and Publishing Pages in Draft must be performed : This should be User-Initiated (manually) Pre-Migration in SP-2007 environment.
 - **Reports (SQL query based) to facilitate Communication to each web/page/file user/admin.**
 - "- Copy" files-folders fix/logic could be tested and used on all 50+ content databases/sites
 - **Alternatively a report can be generated (SQL query) to help fix the issue (manually) by support team or individual end-users.**
- Menu-Navigation URL fix
 - Broken/404 links (Simple Custom 404-ResourceNotFound solution/enhancement)
 - Converting Full/Absolute Paths/URL from Navigation-Menu-items to Server-relative.
- Orphaned and Obsolete things
 - Users: Remove old/inactive/deleted users in Active Directory completely.
 - Sites: Orphaned sites/web if any are purged from content database.
 - Web Templates: Mount operation logs errors for certain missing web-templates.
 - Certain Sites have Search-subsites throw error about page page-not-found.

Enterprise SharePoint Extranet – Gets better with SharePoint 2013 onwards

- **Search** optimization/enhancements Result Scopes, Refiners, Metadata-Mapping-Managed-Properties
 - This can be used to showcase upgrade-investment improvements/enhancements to end-users.
 - Installing iFilters with add abilities to search PDF and other file content.
 - Identifying business case for BCS/LOB-data queries/fields and search.
- **Data clean up rules/policies**
 - Document and Record Centre (Moving/Purging/Archival/InPlaceRecord) files
 - Removal/Reporting of Write|Contribute-permissions for such individual AD users who do not have any resources (after applying records policy rules)
- **Security/GDPR scan tools** to identify following:
 - Perform Licenses check tool for compliance (this applies to users and SharePoint-features enabled and matching them for license-compliance.
 - Presently the External logins are "Shared" between any number of user and also they are Windows logins - this scenario is expensive for licensing, but also low-security.
 - Some form of B2B integration (FormsAuth, ADFS-FedAuth, AzureAD-B2B) for external users could be setup for full-accountability and security. A registration-approval and claims-permission-grant workflow or similar process should be considered.
 - Potential to integrate/showcase AAD-IRM to bolster security confidence further.

Good to have Too!

- **Look & Feel – Standardised Themes/Templates**
 - Business case for streamlining/enforcing uniform approved/based site-templates (Communication/Publishing or Team-site) and styles, themes and branding.
- **Office-Web Apps**
 - Installation for viewing/editing all office files in the browser and previews.
- **Workflow restoration/enhancements for improved productivity.**
 - Simple upgrade to Workflow Manager (SharePoint 2013 onwards)
- **SSRS/Power-BI integration**
 - Delivering reports directly to end-users and ensuring governance and management controls.