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Ingeniux CMS 8.0 SR3 Release Notes

February 20, 2013

Table of Contents

<i>Ingeniux CMS 8.0 SR3 Overview</i>	3
Summary	3
Who Should Upgrade	3
License Key	4
Upgrade Guidelines	4
<i>Detailed CMS 8.0 Information</i>	4
CMS 8.0 Client-Supported Web Browsers	4
Removal of Automatic IIS Timeout & Shutdown	5
Migration of Non-IGX Content Within Website File Location	5
Dynamic Preview System Now Requires Dynamic Publish Activation	5
MVC Based DSS Site Upgrades	5
Redirect Module Supports From URLs with Querystrings	5
Site Sync Replication Configuration	5
Local Exports Syntax Change for DSS Sites	5
Windows 8 Support	5
Windows Server 2012 Support	6
Runtime Authentication (RTA)	6
In-Context Editing	6
Adobe Flash Required For Mass Upload	6
XHTML Content Compliance	6

Ingeniux CMS 8.0 SR3 Overview

Version: 8.0.0.101

Release Date: February 20, 2013

Summary

Ingeniux is pleased to announce the availability of Ingeniux CMS 8.0 Service Release 3 (SR3) which includes 50 new updates & features. Key improvements include significantly improved performance for DSS startup/reload, caching of data and rendered pages, and replication accuracy for remote FTP and SFTP targets. Highlighted updates in CMS 8.0 SR3 include:

- Ability to conditionally override mobile template to display desktop template to mobile device.
- Significant improvements to DSS cold startup - after IIS reset or IIS application pool recycle- performance - typically 60% faster after initial upgrade to SR3.
- Elimination of slow performance that could occur on DSS sites when a publish was being replicated to the content folder.
- Updates to ICE for XSLT based sites that use templates with the mode attribute.
- Updates for FTP and SFTP replication to prevent file locking in some situations.
- Updates to SFTP to prevent unintended file removal during full publish when relative target directory paths are used.
- Unmarking pages for publish and performing an incremental publish will remove the pages from navigations and links.
- The Last Modified/Changed date attribute is updated on check in and not on publish.
- Local Exports processing updated to optionally support using /*/Page syntax.
- Replication log errors correctly display in the web view.
- Remote FTP or SFTP replication will no longer stop if a single error occurs.
- Updated RTA support for Cartella + CMS authentication schemes.
- Support for the WorkflowID attribute was restored in the SchemaDesigner.
- PublishAs pages located below the top level of the website tree no longer return 404 errors .
- CategoryID information is automatically exported to navigations, links, etc.
- Schema syncing updates for Drop down lists, components, etc.
- Automatic canonical redirecting of xIDs to Structured URLs functions correctly on MVC page types.
- Please note that customers that previously reported one of the above software issues to Ingeniux Support will be notified via email indicating the issue has been resolved in this release.

Who Should Upgrade

Sites should be immediately upgraded if any users are impeded from performing their tasks due to the need for the updates listed above. Ingeniux recommends that all CMS 8 customers upgrade immediately to SR3. Ingeniux also recommends that all version 7.5 customers upgrade to version 8.0 SR3 and that any customers planning on going from a version previous to 7.5 go directly to version 8.0 SR3 instead.

Ingeniux CMS OnDemand customers will be contacted by Ingeniux Support regarding the schedule for their OnDemand UAT & upgrade.

Customers using version 4.x, 5.x, 6.x, or 7.x can upgrade directly to version 8.0 SR3 without any intermediate upgrades. Please review the upgrade guidelines below before proceeding.

License Key

Customers upgrading from version 4.x, 5.x, 6.x, or 7.x must obtain a new license key specific to CMS 8.0. Customers upgrading from another CMS 8 build do not require a new key. Please contact Ingeniux Support at 1.877.299.8900 or support@ingeniux.com to request a new product key.

Upgrade Guidelines

To upgrade to CMS 8.0 SR3, follow these steps:

1. Review the system requirements: [Standard Ingeniux Configuration](#)
2. Review the [Ingeniux CMS 8.0 Installation Guide](#).
3. Contact [Ingeniux Support](#) to request a CMS 8.0 product key if you do not have one already.
4. Configure a test environment with CMS 8.0 SR3. **This should be a replica of the production content in an isolated test hardware environment.**
5. Create a new site in the test environment using the CMS and DSS site setup wizards. See the Installation Guide for details on how to do this.
6. Copy the production site's XML directory into the test environment's new site.
7. Run the CMS Site Upgrade Wizard in the test environment to upgrade the site content to the latest version of the Ingeniux CMS.
8. Evaluate the site implementation in CMS 8.0 within the test environment.
9. Perform a Full Publish and set up a DSS site in the test environment to evaluate the DSS features of the latest version.
 - a. Customers upgrading their MVC template sites also need to update the Ingeniux API DLL in their Visual Studio project, build the DSS site, and deploy the new files to the DSS code location
10. Implement the CMS 8.0 upgrade in the production environment.

Ingeniux Support is available to work with your organization to determine the optimal plan and time frame to upgrade to this service release.

Detailed CMS 8.0 Information

CMS 8.0 Client-Supported Web Browsers

Please review the [Ingeniux CMS Supported Client Browsers](#) article. The majority of major browsers are supported and offer a consistent user experience.

Removal of Automatic IIS Timeout & Shutdown

The DSS Setup wizard no longer sets the IIS application pool to timeout at 20 minutes of inactivity to prevent low traffic websites from having longer than desired first request start up times.

Migration of Non-IGX Content Within Website File Location

The DSS Setup wizard now includes a conversion/upgrade process to migrate a pre-v8 Run-site to the DSS system. The conversion process will now convert all non-Ingeniux CMS folders that are within the Run-Time content path to IIS virtual directories to maintain any non-Ingeniux content folders that were previously within the published Ingeniux CMS website.

Dynamic Preview System Now Requires Dynamic Publish Activation

The dramatically faster Dynamic Preview (DSS Preview) feature now enforces that the Dynamic Publishing feature is activated. Dynamic Publishing requires Structured URLs to be turned on. If you are unable to turn on Structured URLs, please contact Ingeniux Support.

MVC Based DSS Site Upgrades

Customers upgrading their MVC based template sites need to update the Ingeniux API DLL in their visual studio project and build the DSS site again.

Redirect Module Supports From URLs with Querystrings

Redirects for source/from URLs that contain querystrings are now supported on DSS based sites allowing legacy URLs from other CMS systems that used lots of URL parameters to more easily be redirected to Structured URLs in Ingeniux CMS.

Site Sync Replication Configuration

Replication - especially for FTP/SFTP replication - is significantly more efficient when the Dynamic Publishing feature is active with the Media Server Directories feature turned off. This configuration will copy assets locally to each publishing targets which may increase disk space usage on the CMS, but it allows dramatically faster replication of incremental publishes because only changed CMS content and assets are replicated vs. replicating all asset files each time. A step-by-step Knowledge Base article on how to setup a [standard sync job](#) using the new replication system can be found on the Ingeniux Support Site.

Local Exports Syntax Change for DSS Sites

Local exports in Dynamic Publishing on CMS 8 SR3 will now optionally support a legacy mode where `*/*/Page` style local exports will function the same as in the past. Local exports should be replaced with global exports of the same attributes using an alternate style syntax described on the Ingeniux Support site. Performance will be reduced if local exports remain even with Dynamic Publishing activated.

Windows 8 Support

CMS 8 SR3 generally supports Windows 8 as long as a supported web browser as defined in the [Ingeniux CMS Supported Client Browsers](#) article is used. Note that Internet Explorer 10 is not currently a supported browser even when in compatibility mode.

Windows Server 2012 Support

CMS 8 SR3 generally is compatible with Windows Server 2012, but this OS requires additional post-install configuration as described on support.ingeniux.com.

Runtime Authentication (RTA)

RTA is included in the core DSS installation with support for Active Directory & LDAP by default. Customers that use a customized RTA plug-in will need to contact Ingeniux Support for a new plug-in version specific to their website when upgrading to Version 8.0. The SR3 release also exposes RTA metadata more directly within IGX_Info for customers with XSLT sites to ease in implementation.

In-Context Editing

CMS 8.0 includes In-Context Editing (ICE) in the CMS Client. ICE makes it possible for users to edit certain content elements within the Page Preview in the CMS server.

ICE supports editing of the following element types: Text, XHTML, Date, File, Image, Media, and Component elements. Items in List elements cannot be edited. Read only, required, and hidden properties are still respected in the ICE editing view.

The ICE feature is activated by default and can be toggled site wide through a CMS configuration in `resource.inc`. Depending on the style of website implementation, some templates may need to be modified to allow editing through ICE. In most sites, basic elements like Title and XHTML can be edited without template modification.

Adobe Flash Required For Mass Upload

Adobe Flash 10+ is required for the mass upload features added in CMS 7.x/8.0. Users without Adobe Flash will have single file upload capability.

XHTML Content Compliance

If you are upgrading a site from Version 5.2.39 or lower, Ingeniux recommends reviewing the content contained within the XHTML elements (or Body Copy sections) for XHTML 1.0 Transitional compliance. The editor used in version 8.0, TinyMCE, enforces this compliance and may alter the HTML content contained in XHTML Editor elements. Ingeniux recommends upgrading an existing site within a test environment and evaluating the possible HTML changes prior to upgrading a production environment.