Administrator's Guide to EASA

The EASA system is a powerful and flexible platform to run business applications and publish results over a network to others within an organization. Customers have diverse needs, and so EASA was designed to be easily customized.

The default installation and the default configuration is the starting point for a new **Author** or **Administrator**. The **EASA Server** simply works 'out-of-the-box'

Getting Started

To install, configure and test a new EASA system an **Author** or **Administrator** should complete the steps outlined in:

- Install EASA Software
- Test the EASA Web Pages

The EASA system will now be active and available for the Authoring Tutorials.

Advanced administrative tasks are outlined below.

EASA System Components

EASA is a client-server system in which users access the EASA environment located on a server class computer via web browsers on their desktop. Since one of the main functions of EASA is to run underlying software applications within an EASA application (called an **EASAP**), the EASA system will submit one or more computing processes to existing computers within an organization. In an EASA system, these machines are known as **Compute Servers**.

- EASA System Components

EASA Installation

This section provides instructions for installing the EASA software on the **EASA Server** as well as other installation-related tasks.

- Install the EASA Software
- Start or Stop the EASA Server
- Test the EASA Web Pages
- Obtain a License Key for EASA
- Perform Other Post-Installation Tasks

- Test EASA Client Applications
- Uninstall EASA

EASA Configuration

Tasks that an EASA **Administrator** will perform to configure the EASA System as needed after installing EASA are introduced and described in detail below.

- Manage Users
- Configure Compute Servers
- Manage Languages Displayed in EASA
- Configure Connections to External Databases
- Enable Email in EASA
- Manage EASA Content
- The EASA-Share folder

EASA System Administration

Listed below are pages describing tasks in detail that an EASA **Administrator** will perform to monitor and maintain the EASA System. These tasks fall into the following categories:

- Monitor the EASA System
- System Diagnostics
- Communicate with EASA Users
- EASA Server Maintainance

Run EASA as a Service

Described below is the procedure for running the EASA server software as a service on both Windows and Linux computers. Running EASA as a service removes the need to log on and manually start the **EASA Server**.

The procedure for configuring EASA to run as a service involves the following steps:

- Install the EASA Service
- Configure the EASA Service

Details on how to stop, restart and remove the EASA service are also provided.

- Start or Stop the EASA Server
- Remove the EASA Service

EASA Advanced Configuration

Below are various articles for advanced EASA configuration.

- Data Folder Migration
- EASA Cluster Installations
- EASA-Share Folder Configuration for Cluster Server Installations
- Implement and Configure an EASA Web Service Client
- Configure LDAP Authentication in EASA
- Configure HTTPS in EASA
- Configure SAML in EASA
- Configure Apache as a Proxy Server for an EASA cluster
- Configure IIS as a Proxy Server for an EASA cluster