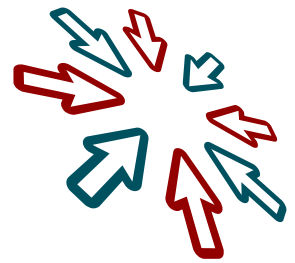# Kelverion
Automating Infrastructure Management

Kelverion PowerShell Runbooks

Kelverion PowerShell Manipulation Package

There are a number of limitations with the running 64bit PowerShell in Systems Center 2012 Orchestrator. Workarounds do exist but they also introduce new challenges. Kelverion have introduced a flexible and more efficient alternative using the Kelverion Data Manipulation IP and the accompanying Runbooks.

The Run .NET Activity has the ability to run PowerShell scripts and parse data as published data to the next activity. The Run .NET Activity runs PowerShell in 32bit which is perfectly acceptable on most occasions. However, on some occasions it is maybe necessary to run a cmdlet that is registered in 64 bit PowerShell. There are workarounds, such as to invoke 64 bit PowerShell from within the Run .NET Activity or the Run Program Activity. However, while these maybe acceptable for running the script, parsing Published Data introduces a new level of complexity.

Kelverion have developed a set of Orchestrator Runbooks, that combined with the KA Data Manipulation IP, give flexible transformation of Published Data when running 64bit PowerShell. Driven by PowerShell and the Kelverion Data Manipulation IP, the Runbooks provided deliver practical Use-Case Scenarios for instance:

- Retrieving AD User Last Logon Time
- Identifying potential Inactive AD User account candidates for removal.
- Retrieving installed Programs on all or specific computers in AD.

The Runbooks utilise the strengths of the Data Manipulation IP, which for multiple operations across multiple 'objects', cannot be equalled using other Standard Activities that use 'Xpath'.

These Runbooks are provided ready built to demonstrate transforming 64bit PowerShell into Published Data efficiently.

The Runbooks provide a base for the User to amend and build upon the Runbooks as they please. The only mandatory user requirement is the simple configuration to implement in your environment. It is however expected that due to the individual nature of each environment and customer needs, the user will want to customise and/or extend the runbooks to meet their specific requirements.

The Runbooks are available as a self-installation package or for customers who are less familiar with Orchestrator as a complete installation and configuration package, where we work with you to setup the Runbooks in your environment.

Overview

System Center Orchestrator 2012 PowerShell Manipulation Runbook Set. Transforming 64bit PowerShell output into Published Data using the power of the Kelverion Data Manipulation IP.

Available for self-installation or as a full implementation package

Kelverion

Kelverion offer Integration Packs and Utilities to enhance the Orchestrator products, Orchestrator implementation services and a full suite of Training Courses.

Find out more at
www.kelverion.com