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Office 365 Solution for Azure Automation
Automated User and license management for Office 365

Office 365 saves companies the headaches of operating Exchange, SharePoint and Teams infrastructure. However, the management of users and permissions is still laborious; from creating users, to adding users to groups, assigning a license, to disabling a user.

Office 365 Management requires senior staff who have the necessary systems access and expertise to perform the actions, ultimately skilled employees spend too much time on administrative tasks and too little time on the strategic projects that generate business value.

How can IT teams overcome these obstacles and free skilled employees from mundane, Office365 processes? The key is to provide a self-service interface for anyone to submit requests.

With I.T. Security in the forefront of everyone's minds today giving team leaders and managers access to create their own users and allocate licenses for Office 365 is a challenge that requires careful balancing between providing the right facilities to end users, and compromising the security or integrity of your configuration.

With companies increasingly looking for Automation to improve consistency and supportability, along with the self-service facilities to reduce the workload on the heavily utilised service desk and front-line support teams, we have built the Office 365 Solution for Azure Automation.

The Office 365 Solution for Azure Automation provides a self-service interface for submitting requests and an automation platform that executes the Office 365 Management requests in minutes. This can all be tied in to your an existing change management approval process.
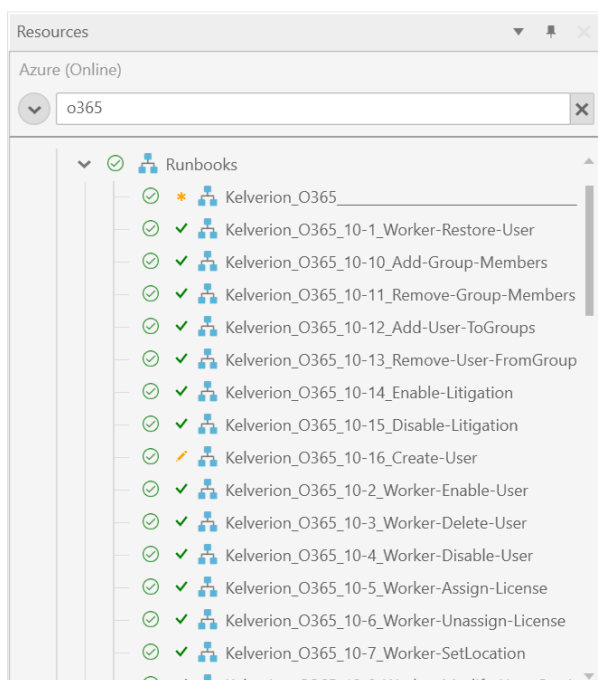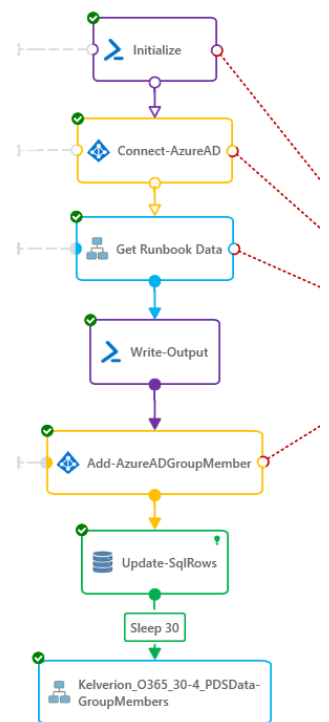
Users are provided the rights to access portal services via Active Directory group membership, but these rights are isolated from Office 365, so its simple to provide portal facilities without providing rights to directly manage users and licenses.

All of the actions against the Office 365 system are carried out by your Azure Automation account, so every change is logged and carried out in a consistent way.

All of the data that drives the requests in the automation portal is discovered and maintained by the Azure Automation runbooks, so the automation portal is always in sync with the Office 365 management experience.

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The Runbooks have been written using the Runbook Studio authoring solution and leverage the integration and smart discovery capabilities provided by the Integration Module for SQL Server. You simply create an account within your Office 365 subscription that Azure Automation can use to discover data and manage your accounts.

Once the solution is deployed start the discovery runbooks and you are in action!

The solution includes the following offerings, it forms an easy to extend framework that you can use to continue your automation journey.

Solution Features:

- Add Group members
- Add Team Member
- Add User to Groups
- Apply Team Security Policy
- Assign a license
- Create a Team
- Create Group
- Create Office 365 Distribution Group
- Create Office 365 Shared Mailbox
- Create Office 365 User
- Delete User
- Disable Login
- Disable Office 365 Litigation
- Enable Office 365 Litigation
- Enable User
- Modify an Office 365 Service
- Remove a License
- Remove a Team
- Remove Group Members
- Remove Team Member
- Remove User from Groups
- Reset Password
- Restore a user
- Set User Region

Name	Description
Reset Password	Resets an O365 User password. Temp password is emailed to a selected manager.
Create Office 365 User	Create a new Office 365 User and provision a Premium License
Disable Login	Block a user login
Assign a license	Allocate a license to a user
Remove a License	Remove a license from a user
Modify an Office 365 Service	Enable or Disable a specific Office 365 Service for a user
Enable Office 365 Litigation	Enables Email Litigation on Office 365 accounts
Disable Office 365 Litigation	Remove a litigation hold from a mailbox
Delete User	Delete an Office 365 User
Set User Region	Set the usage region for a user
Restore a user	Restore a user account that has been recently deleted
Enable User	Enable a blocked user
Add User to Groups	Add a User to Azure AD Groups
Remove User from Groups	Remove a User from Azure AD Groups
Create Group	Create a group in Azure AD
Add Group members	Add Users to an Azure AD Group
Remove Group Members	Remove Users from Azure AD Group
Add User to Groups	Add a User to Azure AD Groups
Remove User from Groups	Remove a User from Azure AD Groups
Create a Team	Add a Team to your Microsoft Teams environment
Remove a Team	Delete a Microsoft Teams team
Add Team Member	Add a user to a Microsoft Teams Team
Remove Team Member	Remove User from a Microsoft Teams Team
Apply Team Security Policy	Applies a pre-defined security policy to a Team

SOLUTION IMPLEMENTATION

The solution is available on it's own or as a Kelverion lead installation and configuration. In this option you provide Kelverion with remote access to your environment and then a Kelverion consultant will lead the installation and configuration of the solution into your environment and you will provide the subject matter expertise around your Office 365 configuration.

The solution implementation service is valid for 3 months from solution purchase.

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The scope of the Kelverion led implementation is defined as:

1. Deployment into a single Azure Automation Account only

2. Integration of the solution with one Azure Compute Subscription

3. Configuration of the integration to the Kelverion Automation Portal as an Azure Web App

4. Integration with a single Office 365 Subscription

5. An Approved User will enter the Kelverion Automation Portal and request the provision of a New Office 365 User, thus creating a new Request in the Portal

6. Azure Automation to detect the request and provision a New User in the Office 365 Subscription and assign that user a Licence.

7. Azure Automation to mark Request as complete when User Created

You are responsible for:

- Configuring the Azure Subscription, Resource Groups, Automation Account and Office 365 Subscription
- Granting Kelverion access to your Azure Subscription
- Office 365 is Setup and Licences are Available
- You have manually tested that Users can be successfully created in the Office 365 Subscription

Kelverion are an established Independent Software Vendor specialising in IT Automation solutions. Kelverion provides software and specialist consultancy solutions for Microsoft Azure and the Microsoft System Center suite.

Find out more at http://www.kelverion.com

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