

Service Scheduler - Administration guide

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Updating registration details

Login as an administrator user

Select the system menu (or padlock)

nd or type unknown

Navigation to System and search settings for "registration_", edit the entry

nd or type unknown

Enter the new key and press save

nd or type unknown

Service Scheduler - server installation guide

MySQL

See [MySQL installation guide](#)

Zero config / Auto Discover

See this guide for detailed setup of [Zero config](#)

System settings

System settings contain many default and system options for Service Scheduler. Care should be taken before adjusting these settings.

NOTE: For changes to apply it is recommended that users restart the application

To access system settings

Navigation | History | Messaging | Options | About

System Settings | General | Documents | Messaging | Reports | Staff | Security | System

System

- System Settings
- General
- Documents
- Messaging
- Reports
- Staff
- Security
- System **2**

Settings | System CSV Maps | Advanced

Edit | Wizard

Setting Key	Setting Value	Setting..
loan_car_calendar_days		integer
loan_car_default_full_day		boolean
loan_car_delete_password		string
loan_car_override		string
otp_email_body		string
otp_email_subject		string
otp_enabled		boolean
otp_sms_message		string
parts_orders_automatic_sms_on_part_arrived		boolean
parts_orders_default_emailtemplateid		integer
parts_orders_default_smtemplateid		integer
parts_orders_era_department		string
parts_orders_era_integration		boolean
parts_orders_sms_reply_to_email		string
parts_orders_sms_templateid		integer
planner_allow_overlap		boolean
planner_default_duration_minutes		integer
planner_default_duration_use_job_estimate		boolean
planner_default_duration_use_recondition_estimate		boolean
planner_display_days		integer
planner_display_unit		integer
planner_end_time		time
planner_icons_caption_job		string
planner_icons_caption_predelivery		string
planner_icons_caption_reconditioning		string
planner_layer_break_entries		boolean
planner_layer_public_holidays		boolean
planner_layer_timesheet_entries		boolean
planner_position_lock_enabled		boolean
planner_scale		integer
planner_scale_to_fit_enabled		boolean
planner_start_time		time
planner_template_caption_job		on_string
planner_template_caption_predelivery		malstring
planner_template_caption_reconditioning		{reconditioning_jobname, job_number, reconditioning_jobname, reconditioning_completion_date, reconditioning}

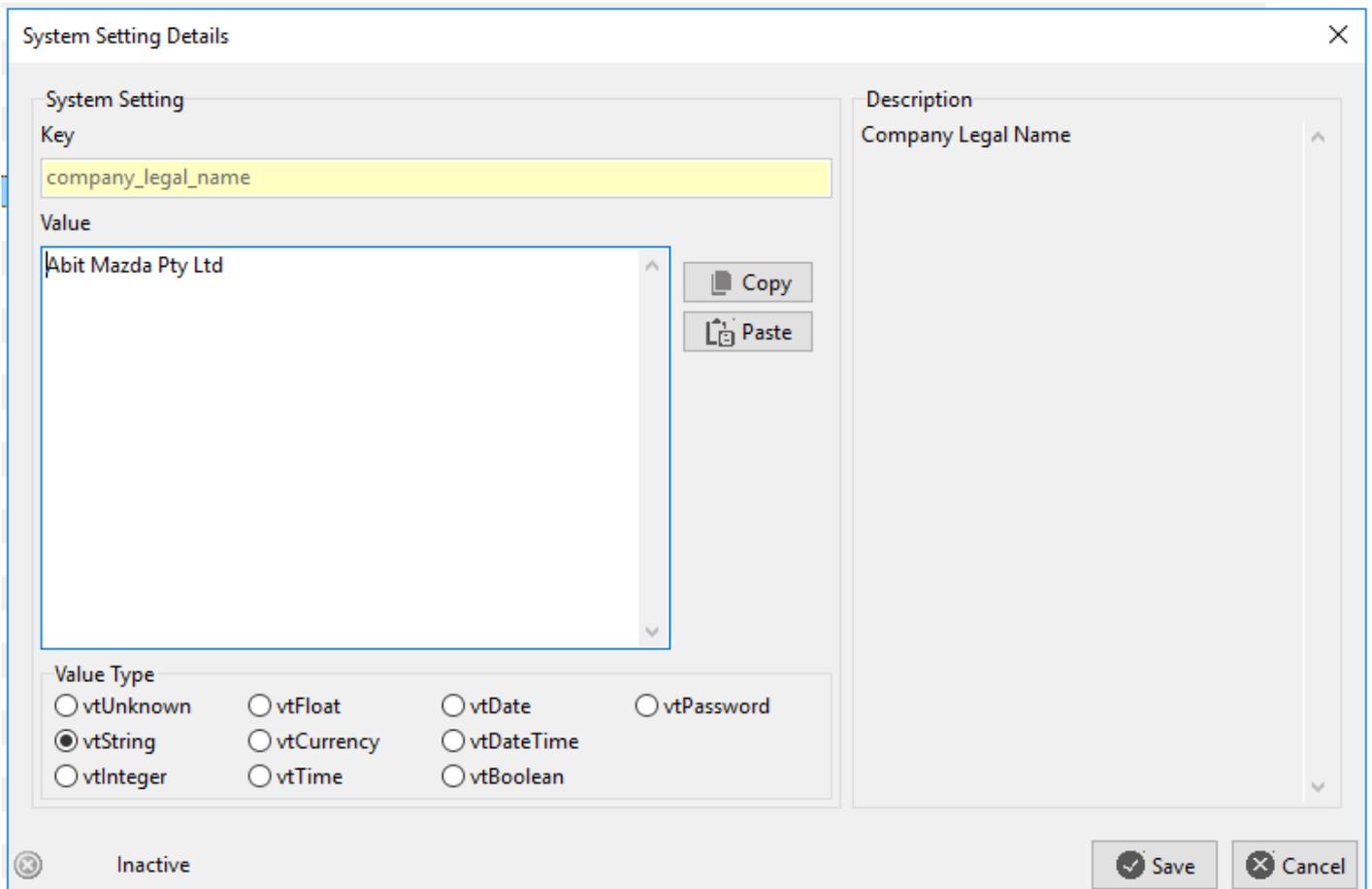
Last update: 11/07/2024 1:55:28 PM 58:233

NOTE: Do not change system values unless specified by your software vendor or system administrator.

General | Documents | Messaging | Reports | Staff | Security | System

Home | Contacts | Calendar | Sales | Service | Parts | Management **1**

Edit a setting to make changes

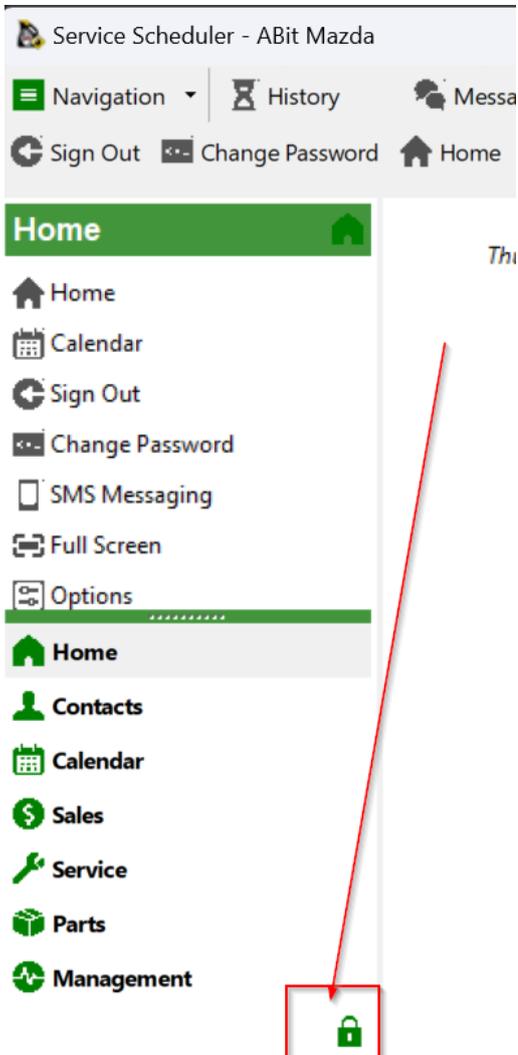


System setup wizard

A wizard is available to prompt an administrator through common system settings

User administration

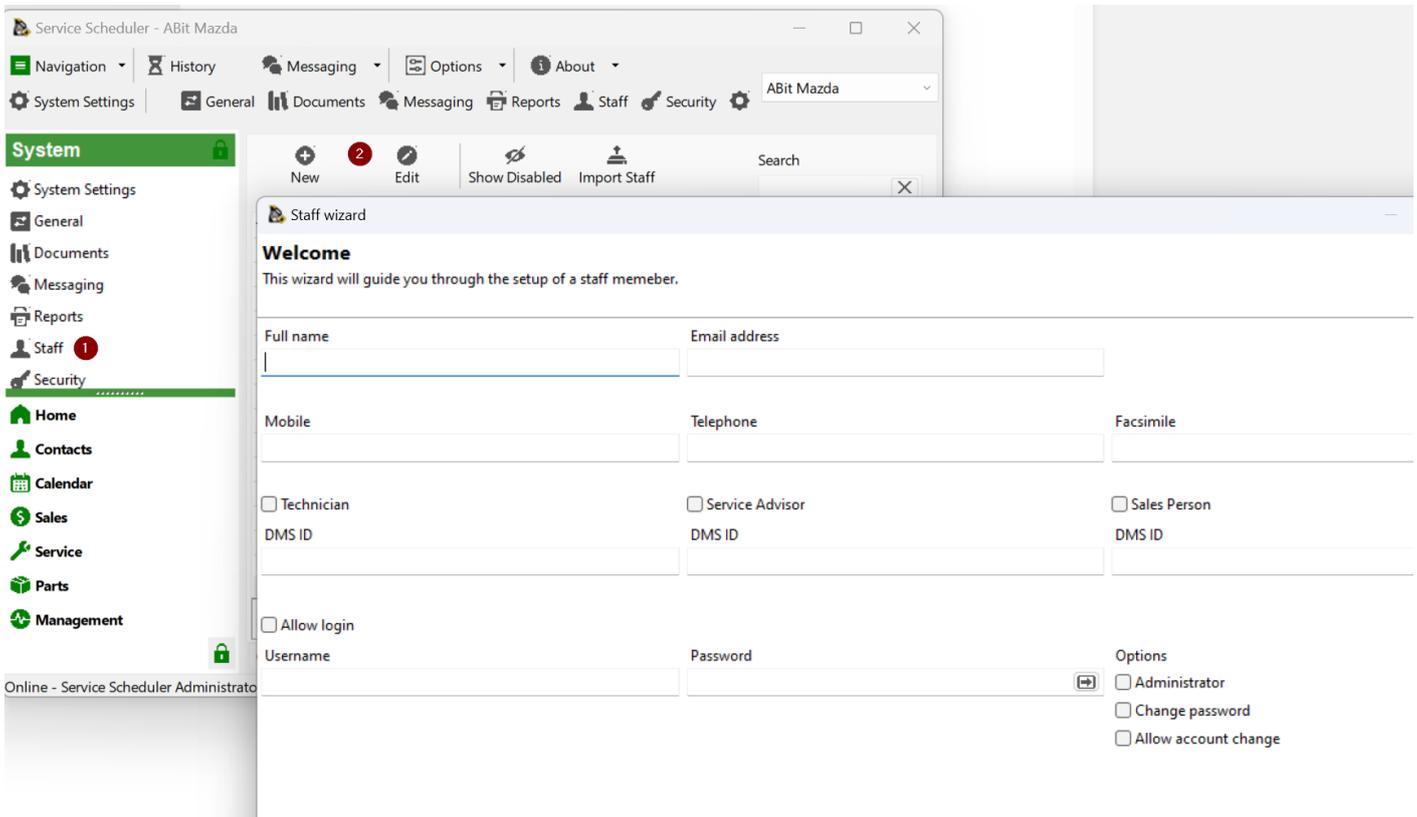
Select administration area



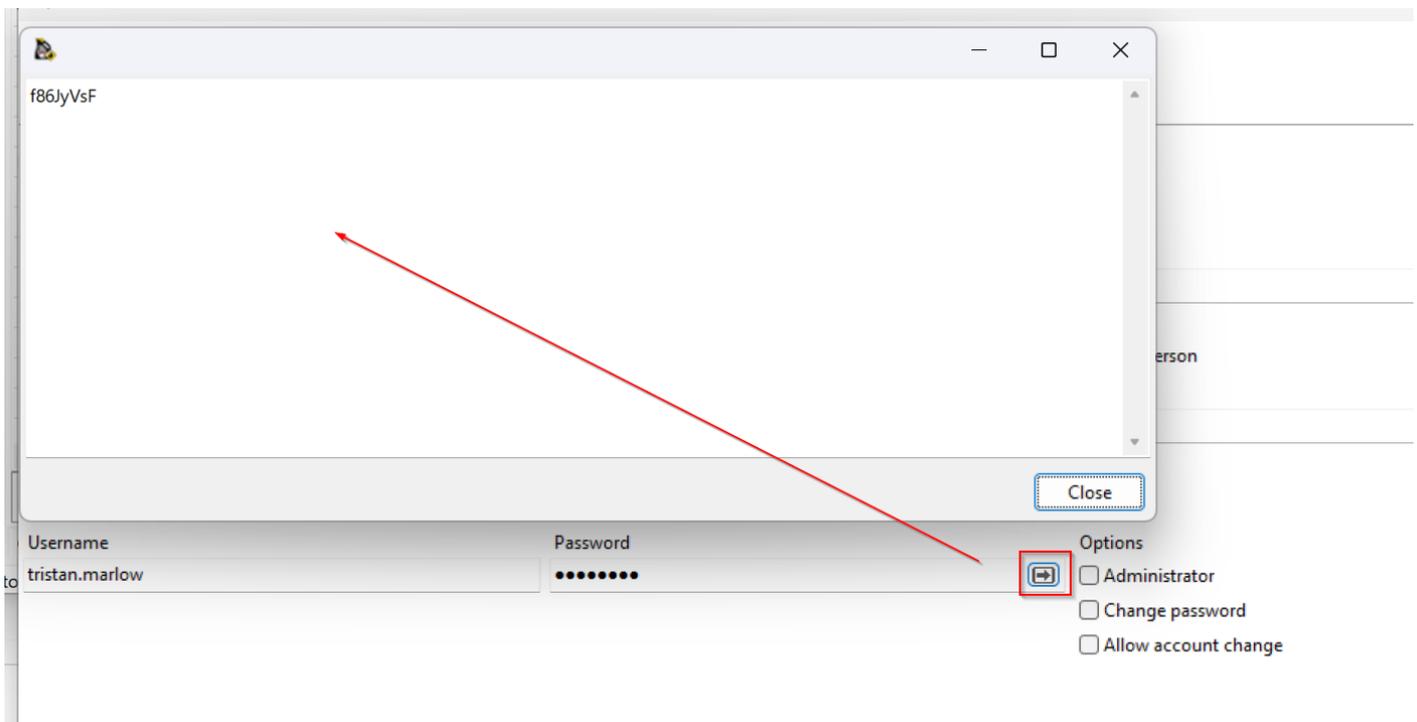
Local user accounts

Creating a new staff member

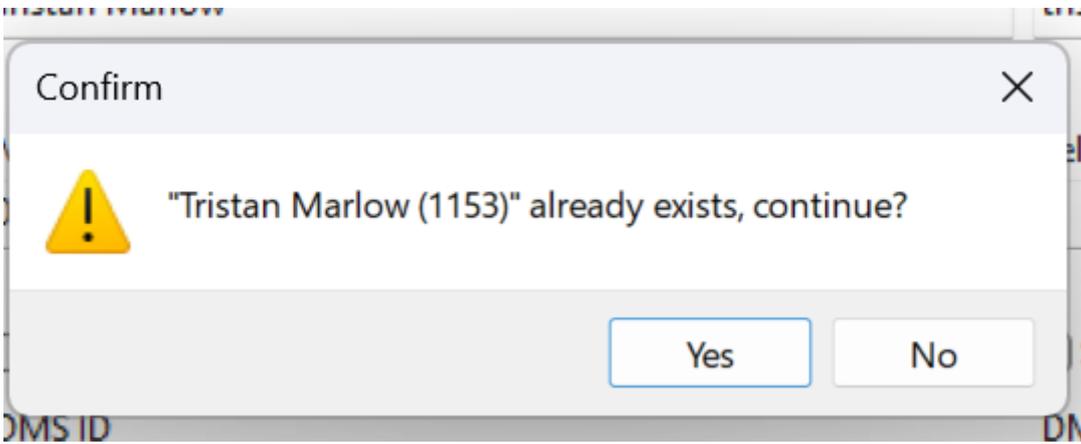
Start the new staff wizard, enter required information if the user is required to login check the "Allow login" box



You can use the generate password button to create a password

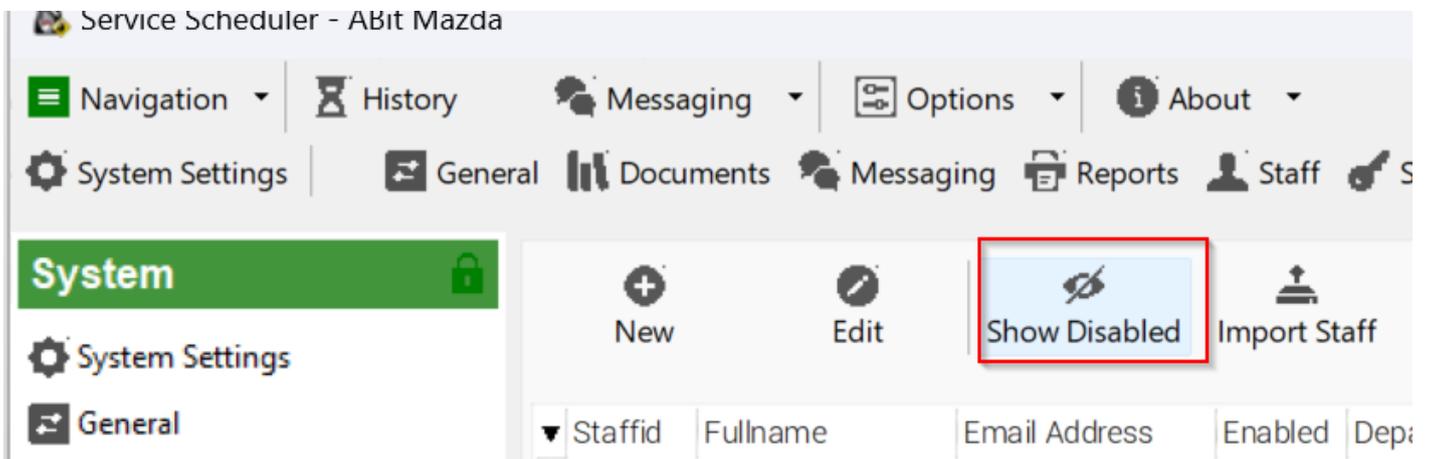


Service scheduler will check for a similar name to ensure that the user



Edit existing staff member

To find a staff member that has had their account disabled. Select the following button



Adjust user details as required

Staff details

Full name
Tristan Marlow

Enabled

General Security Address Departments Team Leader Qualifications Documents

Username Password Administrator Allow account change

tristan

Last password change 25/07/2024 Change password Password never expires

Reset OTP Enable OTP

Modules OTP devices

Edit Refresh Search

Modul...	Module Name	Read ...	Write ...	Delete ...	Special Access
17	CALENDAR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
7	CONTACTS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
20	HUMAN_RESOURCES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
23	LICENSE_BOOKING	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
8	MESSAGING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Last update: 1/08/2024 02:01:13 PM 1:23 Duration: 0.016 sec.

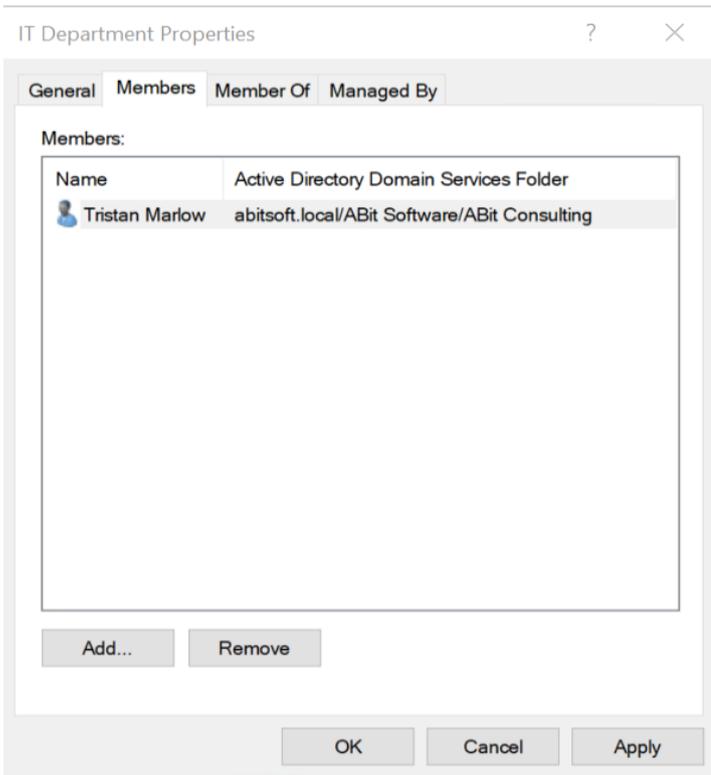
Browse Save and Close Save Close

LDAP Integration (Active Directory)

To enable LDAP integration, navigate to system settings and search for "ldap"

ldap_allow_company	This will look at the users "company" and if matches will allow login/ Blank will allow any company value.
ldap_allow_departments	This will look at group the user is a member of and if they match a group name
ldap_domain	Your LDAP / Active Directory domain name
ldap_server_hostname	The domain will be used to find a server via DNS but a specific server can be specified.
ldap_server_port	Port to communicate for LDAP requests

Departments / Active Directory groups are the recommended method of controller



As the password is controlled by LDAP, attempting to change the password will result in "User passwords are managed by LDAP integration"

image.png and or type unknown

Bulk Import

Create a CSV file with the following format.

dmsid	fullname	email_address	username	password	administrator	advisor	technician
	Joe Boss	joe.boss@company.com	joe.boss	#password2024!	1	0	0
	Joe Advisor	joe.advisor@company.com	joe.advisor	#password2024!	0	1	0

System

- System Settings
- General
- Documents
- Messaging
- Reports
- Staff
- Security
- System

- Home
- Contacts
- Calendar
- Sales
- Service
- Parts
- Management

New Edit Show Disabled Import Staff

Staffid	Enabled	Fullname	Email Address	Mobile Phone	Business Phone	Home Phone	Departmentid	Job
23		Staff Importer						
6								
4							S	
26								
25								
21								
4								
19								
14								
14								
20								
26								
25								
25								
24								
12								
15								
20								
17								
14								
70								
256	<input type="checkbox"/>	Cameron Dodd	software@abitsyst					

Staff Importer

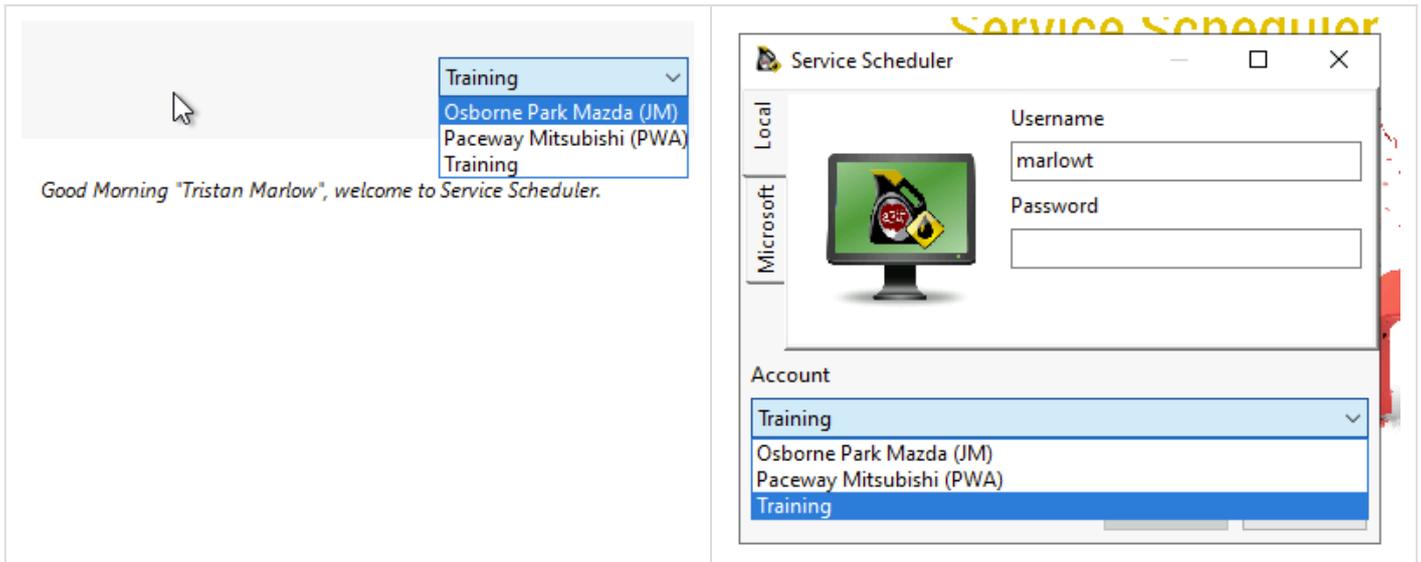
Select File

Import

Log

User administration - account switching

When multiple dealerships are setup in Service Scheduler, users may be granted access to swap between sites without logging out and logging back in.



To enable, "Allow account change" must be checked in each account they are allowed to swap from. And the user must exist in all accounts with the same "username"

The passwords do not need to match, however in a local account setup it is recommended to avoid confusion if the user attempts to login to an account from the login dialog.

Full name

Tristan Marlow

Enabled

General Security Address Departments Team Leader Qualifications Documents

Username

marlowt

Password

Administrator

Allow account change

Last password change

12/6/2024

Change password

Password never expires

Reset OTP

Disable OTP

Modules OTP devices

Edit Refresh

Search

Modul...	Module Name	Read A...	Write ...	Delete ...	Special Access
17	CALENDAR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
7	CONTACTS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
20	HUMAN_RESOURCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25	LICENSE_BOOKING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8	MESSAGING	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Last update: 1/6/2025 12:22:11 AM

1:23

Duration: 0.015 sec.

Browse

Save and Close

Save

Close

User administration - Azure

Register Entra application

Basic application setup

<p>Register an application ...</p> <p>* Name The user-facing display name for this application (this can be changed later).</p> <p>ABIT Software SSCI ✓</p> <p>Supported account types Who can use this application or access this API?</p> <p><input checked="" type="radio"/> Accounts in this organizational directory only (ABIT HOLDINGS PTY LTD only - Single tenant)</p> <p><input type="radio"/> Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant)</p> <p><input type="radio"/> Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox)</p> <p><input type="radio"/> Personal Microsoft accounts only</p> <p>Help me choose...</p> <p>Redirect URI (optional) We'll return the authentication response to this URI after successfully authenticating the user. Providing this now is optional and it can be changed later, but a value is required for most authentication scenarios.</p> <p>Web http://localhost ✓</p> <p>Register an app you're working on here. Integrate gallery apps and other apps from outside your organization by adding from Enterprise applications.</p>	<p>Create a new application and allow Web URL of http://localhost</p>
--	---

Essentials

Display name
[ARit Software SSO](#)

Application (client) ID **1**
 [Redacted]

Object ID
 [Redacted]

Directory (tenant) ID **2**
 [Redacted]

Supported account types
[My organization only](#)

Client credentials
[Add a certificate or secret](#) **3**

Redirect URIs
[1.web.0.spa.0.public.client](#)

Application ID URI

Record Application (client) ID and Directory (tenant) ID for future use.

Click Add a certificate or secret

Record Application (client) ID and Directory (tenant) ID for future use.

Click Add a certificate or secret

Certificates

Got feedback?

Credentials enable c...
 at a web addressabl...
 certificate (instead o...)

Application re...

Certificates (0)

A secret string that...
 application passwo... **1**

+ New client se...

Description: New client secret

No client secrets h...

Description: November 2024 - 2026 **2**

Expires: 730 days (24 months) **3**

Click new secret, and create an entry with required duration and name

Click new secret, and create an entry with required duration and name

Description	Expires	Value	Secret ID
November 2024 - 2026	11/14/2026	[REDACTED]	[REDACTED]

Copy the value, NOTE: you cannot view this value again.

NOTE: you cannot view this value again.

Allow groups for authentication restrictions

<p>Configured permissions</p> <table border="1"> <thead> <tr> <th>API / Permissions</th> <th>Type</th> <th>Description</th> <th>Admin consent</th> </tr> </thead> <tbody> <tr> <td>Microsoft Graph (1)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>User.Read</td> <td>Delegated</td> <td>Sign in and read user profile</td> <td>No</td> </tr> </tbody> </table>	API / Permissions	Type	Description	Admin consent	Microsoft Graph (1)				User.Read	Delegated	Sign in and read user profile	No	<p>To access group details the API needs Group.Read.All application permission</p>		
API / Permissions	Type	Description	Admin consent												
Microsoft Graph (1)															
User.Read	Delegated	Sign in and read user profile	No												
<p>Select an API</p> <p>Microsoft APIs APIs my organization uses My APIs</p> <p>Commonly used Microsoft APIs</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p>Microsoft Graph</p> <p>Take advantage of the tremendous amount of data in Office 365, Enterprise Mobility + Security, and Windows 10. Access Microsoft Entra ID, Excel, Intune, Outlook/Exchange, OneDrive, OneNote, SharePoint, Planner, and more through a single endpoint.</p> <p style="text-align: right;">1</p> </div>	<p>Select Microsoft Graph</p>														
<p>Microsoft Graph</p> <p>https://graph.microsoft.com/ Docs</p> <p>What type of permissions does your application require?</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p>Delegated permissions</p> <p>Your application needs to access the API as the signed-in user.</p> <p style="text-align: right;">1</p> </div> <p>Application permissions</p> <p>Your application runs as a background service or daemon with signed-in user.</p> <p>Select permissions</p> <p>group 2</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p>1 The "Admin consent required" column shows the default value for an organization. However, user consent can be customized per permission, user, or app. This column may not reflect the value in your organization, or in organizations where this app will be used. Learn more</p> <table border="1"> <thead> <tr> <th>Permission</th> <th>Admin consent required</th> </tr> </thead> <tbody> <tr> <td>Group-Conversation</td> <td></td> </tr> <tr> <td>Group (1)</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> Group.Read.All</td> <td>Yes</td> </tr> <tr> <td>Read all groups</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Group.ReadWrite.All</td> <td>Yes</td> </tr> <tr> <td>Read and write all groups</td> <td></td> </tr> </tbody> </table> <p style="text-align: right;">3</p> </div>	Permission	Admin consent required	Group-Conversation		Group (1)		<input checked="" type="checkbox"/> Group.Read.All	Yes	Read all groups		<input type="checkbox"/> Group.ReadWrite.All	Yes	Read and write all groups		<p>Select delegated permissions and search for group to add Group.Read.All</p>
Permission	Admin consent required														
Group-Conversation															
Group (1)															
<input checked="" type="checkbox"/> Group.Read.All	Yes														
Read all groups															
<input type="checkbox"/> Group.ReadWrite.All	Yes														
Read and write all groups															

Confirm admin consent

Refresh | Get feedback?

Grant admin consent confirmation.

Do you want to grant consent for the requested permissions for all accounts in ABIT HOLDINGS PTY LTD? This will update any existing admin consent records this application already has to match what is listed below.

at users have already granted on their own behalf aren't affected. L

The "Admin consent required" column shows the default value for an organization. However, user consent can be customized per permission, user, or app. This column may not reflect the value in your o

Configured permissions

Applications are authorized to call APIs when they are granted permissions by users/admins as part of the consent process. The list of configured permissions should include all the permissions the application needs. [Learn more about permissions and consent](#)

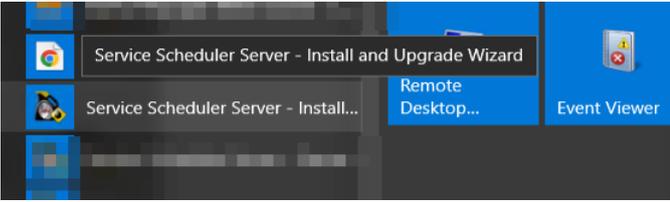
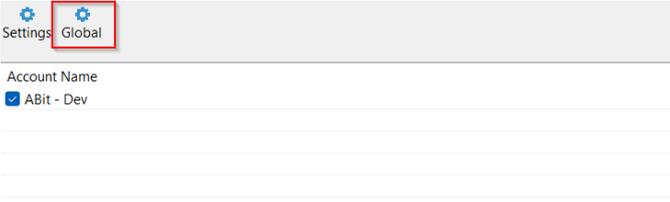
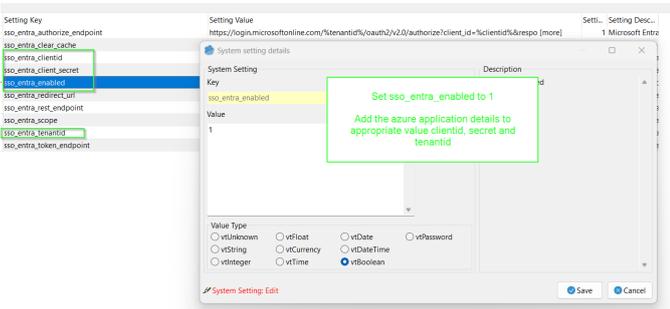
+ Add a permission ✓ Grant admin consent for ABIT HOLDINGS PTY LTD

API / Permissions name	Type	Description	Admin consent requ...	Status
Microsoft Graph (2)				
Group.Read.All	Delegated	Read all groups	Yes	Not granted for ABIT H...
User.Read	Delegated	Sign in and read user profile	No	

To view and manage consented permissions for individual apps, as well as your tenant's consent settings, try [Enterprise applications](#).

Update global settings

You will need the Azure clientid, applicationid and secret from the [Azure Application](#)

	<p>Start the Service Scheduler Install / Upgrade wizard on the server</p>
<p>Account Settings Modify account settings and system settings</p> 	<p>Click next until the Account Settings page and select "Global"</p>
	<p>Set sso_entra_enabled to 1</p> <p>Add the azure application details to appropriate value clientid, secret and tenantid</p>

Stop service scheduler for prompting for account on login



Pick an account

Signed in

Use another account

To stop the prompt adjust global setting
sso_entra_authorize_endpoint

System setting details

System Setting

Key	Description
sso_entra_authorize_endpoint	Microsoft Entra scope

Value

`https://login.microsoftonline.com/%tenantid%/oauth2/v2.0/authorize?client_id=%clientid%&response_type=code&redirect_uri=%redirect_uri%&response_mode=query&scope=%scope%&prompt=select_account`

Remove &prompt=select_account to disable the prompt

Value Type

vtUnknown vtString vtFloat vtCurrency vtDate vtDateTime vtPassword vtInteger vtTime vtBoolean

System Setting: Edit

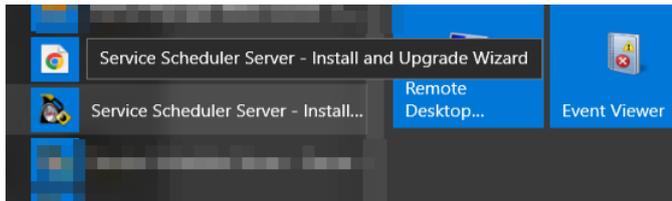
Save Cancel

https://login.microsoftonline.com/%tenantid%/oauth2/v2.0/authorize?client_id=%clientid%&response_type=code&redirect_uri=%redirect_uri%&response_mode=query&scope=%scope%&prompt=select_account

Remove the &prompt=select_account to disable.

Limit access to groups / UPN

For groups to work the Microsoft Entra application will need Group.Read.All permission

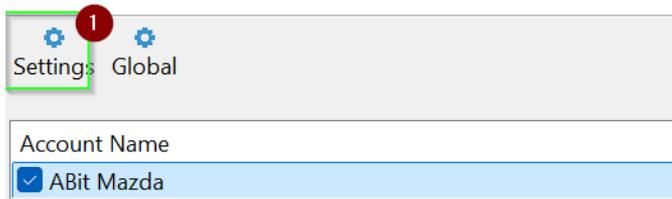


Start the Service Scheduler install and upgrade wizard

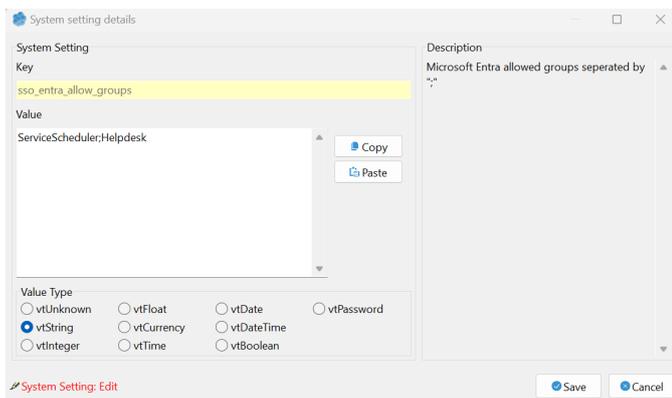
Account Settings

Modify account settings and system settings

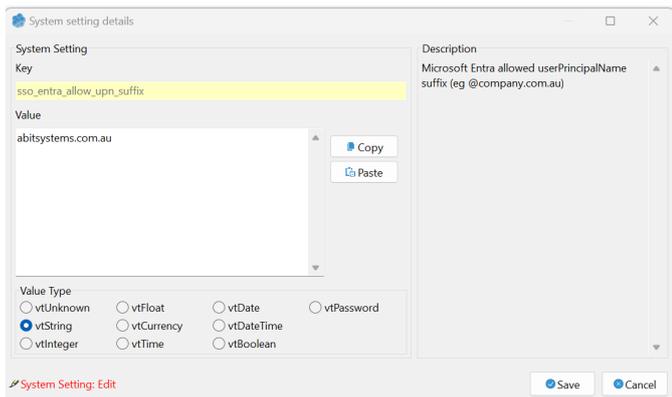
Select settings



Locate the settings `sso_entra_allow_groups` and `sso_entra_allow_upn_suffix`



To limit access to certain group, add the group names separated by the ";" character.



To limit to user UPN suffix enter the userPrincipalName suffix