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1 Introduction

Welcome to the Passwordstate Mobile Client Manual.

This manual will provide instructions for configuring various settings and permissions for Mobile Client support, as well as how to use the Mobile Client itself.

The Passwordstate Mobile Client supports the following mobile devices - iOS, Android, Windows 8 and 10 Phones, and Blackberry.

By default, you can access the Mobile Client web site by pointing your mobile clients browser to the address https://<MyPasswordstateURL>/mobile. As a separate install of the Mobile Client is also provided, this URL may different as your web/system administrators may have stand-alone installation on a different web server.

Note: As most mobile client devices will be configured to access web sites via a cellular/mobile networks, your Firewall/System Administrator(s) will need to ensure external DNS is configured for the URL you’re using, and the firewall itself can pass traffic to your Passwordstate web site. As the Mobile Client web site is intended to be accessed outside of your internal network, your may wish to use the provided instructions to install the mobile client web site onto a web server in your DMZ, or on another 'hardened' server.

The following table summarizes each of the key areas for configuring and using the Mobile Client.

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2 User Preferences

On the 'Preferences' screen on the main Passwordstate web site, you will find various settings which control how the Mobile Client will behave for you. Below is an explanation of each of these settings.
Note 1: Your Passwordstate Security Administrator(s) may disable the use of the Mobile Client, in which case all option on this tab will be disabled. The length of the Pin Number is also controlled by your Security Administrator(s).

Note 2: The first two settings below can also be configured for your account via a 'User Account Policy', in which case they will be disabled on this screen.

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3 System Settings

The Mobile Access Options tab on the screen Administration -> System Settings allows you to specify multiple settings for how the Passwordstate Mobile Client behaves for your users.

**Allow Mobile clients to access Passwordstate:**

If you do not wish to allow Mobile Access to passwords, you can disable access altogether by selecting this option.
Note 1: If you choose to disable Mobile Access, it is recommended you set the option below to 'No', and then go to the screen Administration -> Passwords Lists -> Mobile Access Bulk Permissions, and then disable Mobile Access for all permissions

Note 2: Even if this option is enabled, your Firewall/System Administrators still need to configure external DNS and allow access through the firewall for anyone to access the Mobile Client web site

When adding new permissions to Password Lists, enabled Mobile Access by default:

When adding new permissions to a Password List, you can use to enable/disable Mobile Access by selecting the appropriate option here.

Use the following authentication method for the Mobile Client:

There are many types of Authentication Options available for the Mobile Client:

- Mobile Pin Number - a numeric pin code that the user can specify on their Preferences screen
- Active Directory Authentication - authenticate using the users Active Directory UserID and Password (Your Passwordstate web site must be using a Trusted SSL Certificate in order to use this authentication option)
- Email Temporary Pin Code - Two-Factor Authentication using the emailing of a temporary pin code, which expires after a set period of time
- AuthAnvil Authentication - Two-Factor Authentication using Scorpion Software’s AuthAnvil solution
- Google Authenticator - Two-Factor Authentication using Google’s Authenticator solution
- Duo Authentication - Two-Factor Authentication using either of Duo Security’s Authentication options
- SafeNet Authentication - Two-Factor Authentication using SafeNet’s On-Premise or Cloud Based authentication services
- One-Time Password - Two-Factor Authentication using either the TOTP of HOTP algorithms for hardware or software based tokens - TOTP is Time-Based and HOTP is Counter-Based
- RADIUS Authentication - Authenticate against a RADIUS server, which can be configured for different authentication methods per user account - including multiple two-factor methods if required

The Mobile Access Pin Number for user authentication must be a minimum length of:

You can choose the length of the Mobile Access Pin Number the users must use to authenticate with. When the users specify their own Pin Number on the Preferences screen, or use the option to generate one, it must meet the minimum length requirement of this setting.
The Inactivity Timeout for Mobile Access is (mins)

If the user forgets to log out of the Mobile session, this setting will automatically log them out after the set period of inactivity, and also clear their authenticated session.

Protect against brute force dictionary authentication attempts by locking out an active session after the following number of failed login attempts:

As the Mobile Access web site is generally externally accessible from your internal network, this setting will mitigate against any brute force authentication attempts by locking out authentication attempts when this setting has been reached.

4 Mobile Client Permissions

In addition to enabling Mobile Access for your users on the System Settings screen, access is also granted via applying permissions at the Password List level.

As you’re able to apply permissions at the Password List level, this means you don’t need to expose all passwords via the Mobile Access Client if you don’t want to.
Enabling/Disabling Mobile Access when Adding New Permissions

When you add new permissions to a Password List, you can choose to enable/disable Mobile Access using the 'Mobile Access' option on the screen.

Enabling/Disabling Mobile Access for Existing Permissions

With the permissions already applied to your Password Lists, you can choose to enable/disable Mobile Access by selecting the 'Enable/Disable Mobile Access' option under the 'Actions' dropdown menu.
Enabling/Disabling Mobile Access Permissions in Bulk

If you would like to enable/disable Mobile Access permissions for more than one Password List at a time, then you can do so via the page Administration -> Password Lists -> Mobile Access Bulk Permissions.

5 Mobile Client Usage

This following information provides instructions for how to use the Mobile Client itself. The following features are currently available in the Mobile Client:
• Authentication
• Browse/Search Password Lists that you have access to
• Browse/Search Passwords within a selected Password List
• Search for an individual password record, across all the Password List you have access to -
similar to searching on the 'Passwords Home' page on the normal Passwordstate web site
• View password records

Mobile Client Authentication

There are many different types of Authentication Options for the mobile client, including:

• Mobile Pin Number - a numeric pin code that the user can specify on their Preferences screen
• Active Directory Authentication - authenticate using the users Active Directory UserID and
  Password
• Email Temporary Pin Code - Two-Factor Authentication using the emailing of a temporary pin
  code, which expires after a set period of time
• AuthAnvil Authentication - Two-Factor Authentication using Scorpion Software's AuthAnvil
  solution
• Google Authenticator - Two-Factor Authentication using Google's Authenticator solution
• Duo Authentication - Two-Factor Authentication using a variety of Duo Security's Authentication
  options
• SafeNet Authentication - Two-Factor Authentication using SafeNet's On-Premise or Cloud Based
  authentication services
• One-Time Password - Two-Factor Authentication using either the TOTP of HOTP algorithms for
  hardware or software based tokens - TOTP is Time-Based and HOTP is Counter-Based
• RADIUS Authentication - Authenticate against a RADIUS server, which can be configured for
  different authentication methods per user account - including multiple two-factor methods if
  required

Each Authentication Screen will look slightly different, dependent on the Authentication Option
selected.

Note: If using the AD Integrated version of Passwordstate, it's not necessary to specify the
UserID in the format of Domain\UserID - you can simply type just the UserID. The only exception
to this would be if you had multiple Active Directory domains registered in Passwordstate, and
there were duplicate logon names in AD.
Browsing/Filtering Password Lists

After you have authenticated, the default home screen is the one below which allows you to browse all the Password Lists your account has been given access to. A couple things to note about this screen are:

1. The number of records displayed may be limited by the setting 'Limit the Number of Records to' on your User Preferences screen
2. When searching/filtering Password Lists, you can search by the Title of the Password List, and also the Tree Path of the Password List in the Navigation Tree (the Tree Path is the logical structure/path of where the Password List is positioned in the Password List Navigation Tree on the main web site)
Browsing/Filtering Passwords for the selected Password List

After you have tapped on the appropriate Password List, you will be directed to the screen below which allows you to browse all the passwords in the selected Password List. A couple things to note about this screen are:

1. The number of records displayed may be limited by the setting 'Limit the Number of Records to' on your User Preferences screen
2. When searching/filtering passwords, you can search across all of the fields which can be configured for a Password record i.e. Title, Description, UserName, URL, Generic Fields, etc. The only fields you can't search are the one's which are encrypted i.e. the Password field, and any Generic Fields set as type 'Password'

⚠️ Note: When searching for passwords, you can perform an exact match by enclosing your search term in double quotes i.e. "root admin"
Viewing a Password Record

When you tap on one of the Password records on the screens above, you will be directed to the screen below where you can view the details of the password record. A couple of things to note about this screen are:

1. An auditing record will be added, as you have viewed the details of this password record. If enabled in the main web site settings, any other users who have access to this password record will receive an email notification informing them you have accessed it
2. Most mobile devices allow you to copy details to the clipboard if required, and majority of fields on this screen will allow you to copy their details
3. If there are any 'One-Time Access' permissions enabled for this password record for your account, your access will automatically be removed after you have viewed the record
Password Search Home Page

If you have selected 'Passwords Search' as your default home page on the User Preferences screen, you will be directed to the screen below after you have authenticated. From here you can search for a password record across all of the Password Lists you have been given access to. This is a similar search feature which you will find on the 'Passwords Home' in the main web client.

⚠ Note: When searching for passwords, you can perform and exact match by enclosing your search term in double quotes i.e. "root_admin"
When searching for Password records this way, a little more detail is shown on the screen so you know which Password List the password record belongs to.
Logging Out of the Mobile Client

When you tap on the 'Exit' button on the top right-hand side of the screen, you will be directed to the screen below and your Mobile Access session will be ended. If your leave your session inactive longer than the setting specified on the System Settings page, you will also be automatically logged out and directed to this screen.
Passwordstate Mobile Client Manual

Passwordstate
Your session has ended and you have successfully been logged out of Passwordstate

Log Back In