

Pre-Configuring Mac For Read&Write Use In A Site Environment

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From OSX Mojave onwards, if you are an Admin you can create a **Configuration Profile** containing entries for **Read&Write Accessibility** and Automation and push out to target Mac's using the **MDM**.

Apple's documentation on configuration profiles is available here:

<https://developer.apple.com/enterprise/documentation/Configuration-Profile-Reference.pdf>

Page 59 of this document has information that is relevant to Read&Write in regards to Accessibility and AppleEvents.

To create a configuration profile to work with Read&Write, this will require a mobileconfig file that is controlled via a MDM server.

The mobile config file will require 2 keys in the Services dictionary (Example below):

- * Accessibility
- * AppleEvents

This requires 4 dictionaries one for each of the following

- * System Events
- * Finder
- * iTunes
- * Microsoft Word

The generated mobileconfig file will need deployed to the target machines via an MDM.

Please see below an example of the config file.

```
<key>Services</key>
```

```
<dict>
  <key>Accessibility</key>
  <array>
    <dict>
      <key>Allowed</key>
      <true/>
      <key>CodeRequirement</key>
      <string>****Obtained via the command "codesign -display -r - for the Read&Write.app installed****</string>
      <key>Comment</key>
      <string>Allow Read&Write access to the accessibility APIs</string>
      <key>Identifier</key>
      <string>com.texthelp.Read-Write</string>
      <key>IdentifierType</key>
      <string>bundleID</string>
    </dict>
  </array>
  <key>AppleEvents</key>
  <array>
    <dict>
      <key>AEReceiverCodeRequirement</key>
      <string>identifier "com.apple.systemevents" and anchor apple</string>
      <key>AEReceiverIdentifier</key>
      <string>com.apple.systemevents</string>
      <key>AEReceiverIdentifierType</key>
      <string>bundleID</string>
      <key>Allowed</key>
      <true/>
      <key>CodeRequirement</key>
      <string>****Obtained via the command "codesign -display -r - for the Read&Write.app installed****</string>
      <key>Comment</key>
      <string>Allow Read&Write to send AppleEvents control to System Events</string>
      <key>Identifier</key>
      <string>com.texthelp.Read-Write</string>
      <key>IdentifierType</key>
      <string>bundleID</string>
    </dict>
    <dict>
      <key>AEReceiverCodeRequirement</key>
      <string>identifier "com.apple.finder" and anchor apple</string>
      <key>AEReceiverIdentifier</key>
      <string>com.apple.finder</string>
      <key>AEReceiverIdentifierType</key>
      <string>bundleID</string>
      <key>Allowed</key>
      <true/>
      <key>CodeRequirement</key>
      <string>****Obtained via the command "codesign -display -r - for the Read&Write.app installed****</string>
      <key>Comment</key>
      <string>Allow Read&Write to send AppleEvents control to Finder</string>
      <key>Identifier</key>
      <string>com.texthelp.Read-Write</string>
      <key>IdentifierType</key>
      <string>bundleID</string>
    </dict>
    <dict>
      <key>AEReceiverCodeRequirement</key>
      <string>identifier "com.apple.iTunes" and anchor apple</string>
```

```
<key>AEReceiverIdentifier</key>
<string>com.apple.iTunes</string>
<key>AEReceiverIdentifierType</key>
<string>bundleID</string>
<key>Allowed</key>
<true/>
<key>CodeRequirement</key>
<string>****Obtained via the command "codesign -display -r - for the Read&Write.app installed****</string>
<key>Comment</key>
<string>Allow Read&Write to send AppleEvents control to iTunes</string>
<key>Identifier</key>
<string>com.texthelp.Read-Write</string>
<key>IdentifierType</key>
<string>bundleID</string>
</dict>
<dict>
  <key>AEReceiverCodeRequirement</key>
  <string>****Obtained via the command "codesign -display -r - for the MicrosoftWord.app installed****</string>
  <key>AEReceiverIdentifier</key>
  <string>com.microsoft.Word</string>
  <key>AEReceiverIdentifierType</key>
  <string>bundleID</string>
  <key>Allowed</key>
  <true/>
  <key>CodeRequirement</key>
  <string>****Obtained via the command "codesign -display -r - for the Read&Write.app installed****</string>
  <key>Comment</key>
  <string>Allow Read&Write to send AppleEvents control to Microsoft Word</string>
  <key>Identifier</key>
  <string>com.texthelp.Read-Write</string>
  <key>IdentifierType</key>
  <string>bundleID</string>
</dict>
</array>
</dict>
</dict>
```
