Mass Deployment of the Versa SASE Client using Microsoft Intune MDM
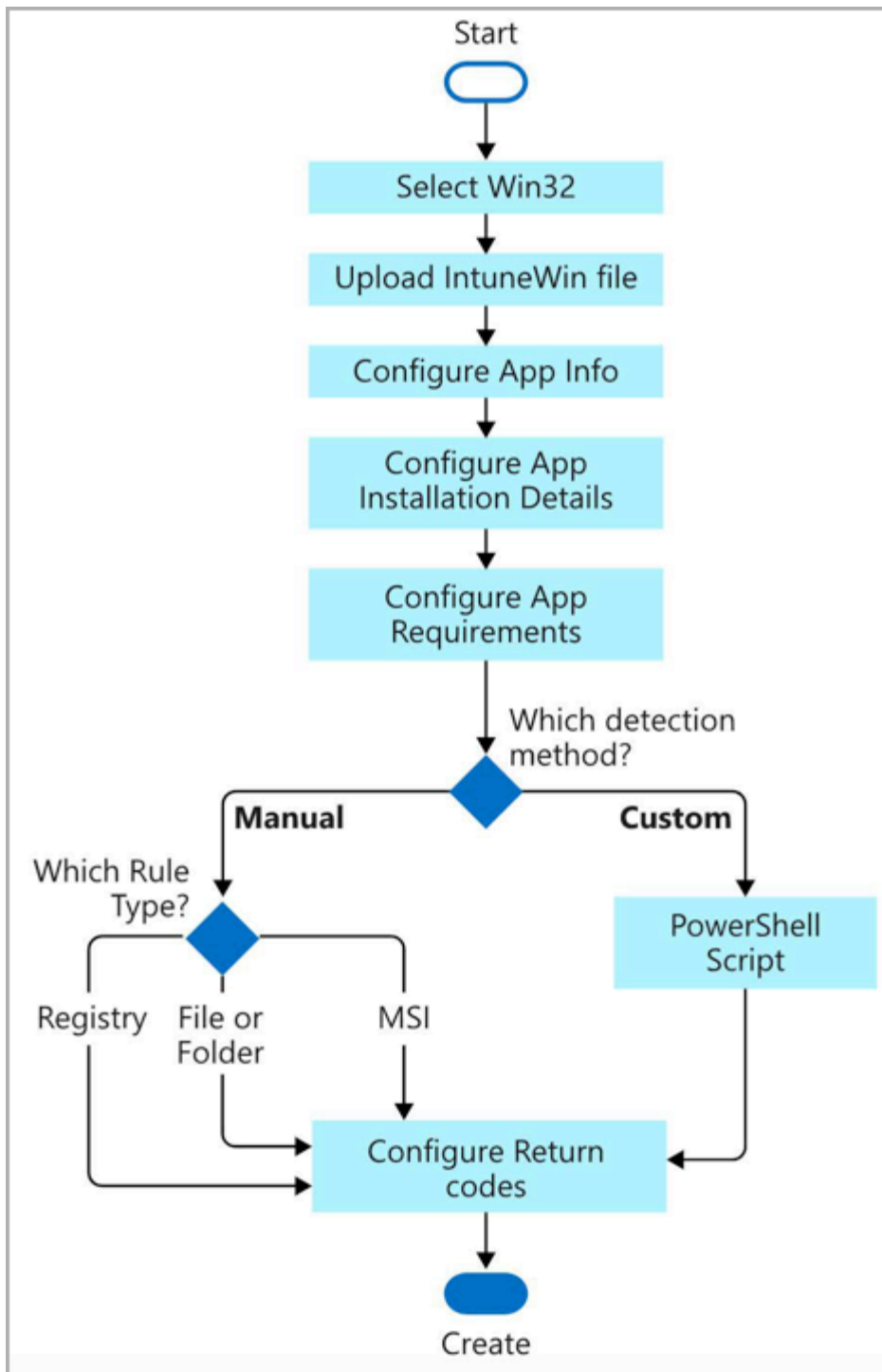
The Versa SASE client is an agent that you can install on a device to connect the device to a remote network. Microsoft Intune is a Mobile Device Management (MDM) tool from Microsoft. This article describes how you can use Microsoft Intune to deploy the Versa SASE client to all the devices managed by Intune.

Prerequisites

1. Before you can deploy software using Intune, it needs to be prepped and converted to the Intune format (.intunewin). This is done using the Microsoft Win32 Content Prep Tool.

    ◦ You can download the tool from this location:
    https://github.com/Microsoft/Microsoft-Win32-Content-Prep-Tool

    ◦ The conversion procedure is documented here (for Windows 10 version 1607 or above 3):
    Prepare a Win32 app to be uploaded to Microsoft Intune | Microsoft Docs 2

2. Devices must be joined to Azure Active Directory (Azure AD) and auto enrolled. The Intune management extension supports devices that are joined by Azure AD or a hybrid domain, and are enrolled by group policy.
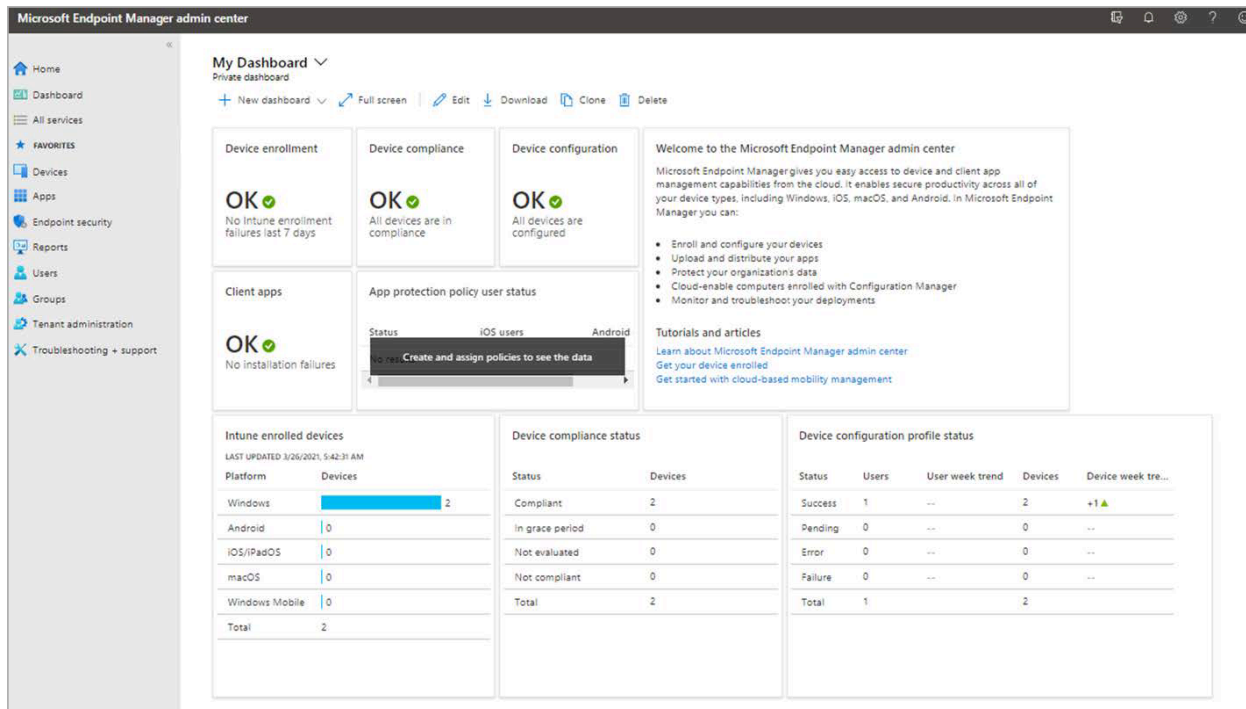
Procedure

The following diagram shows the steps to upload the software and make it available for mass deployment using Microsoft Intune.

Add the Application to Intune

1. Sign in to the Microsoft Endpoint Manager admin center.

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2. Select Apps > All apps > Add.

3. On the Select app type pane that opens up, under the Other app types, select Windows app (Win32).
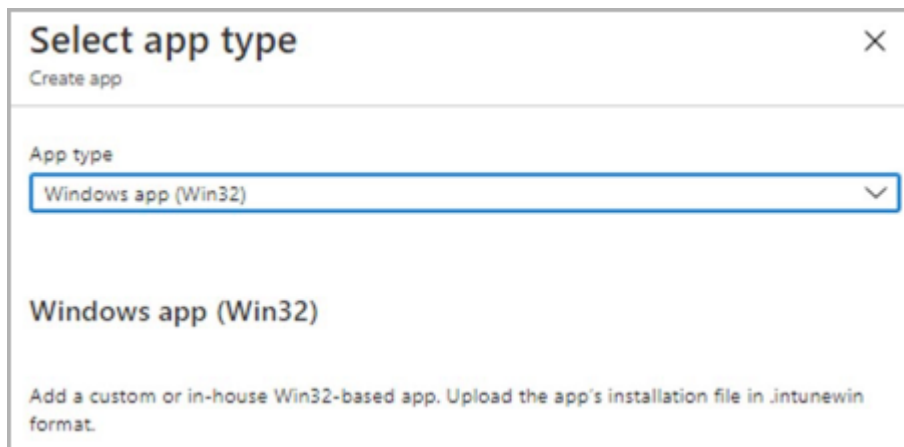
Provide Application Information

1. On the App Information page, click Select App Package file.
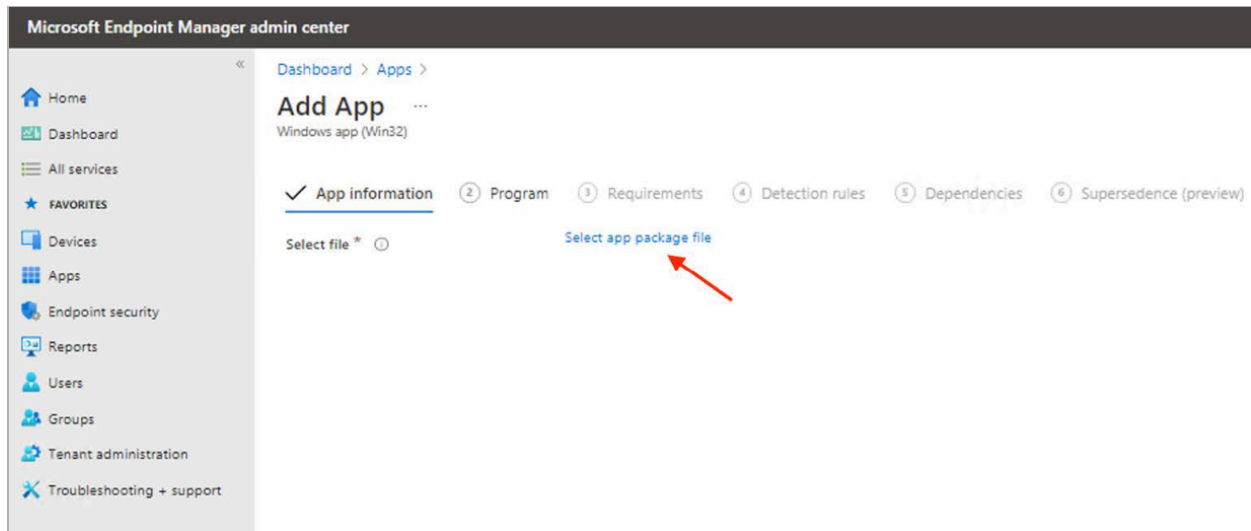
2. In the popup menu, click the drop-down bar, which then opens up the Windows File Explorer menu. Browse through the folders to select the Microsoft Intune file that was created using the utility provided in the prerequisites. Note: The Intune file type conversion is mandatory. You will not be able to proceed without doing that.

3. Under Provide App Information, enter the following information.

    a. Name: The Name is automatically selected.

    b. Description: Click Edit Description and provide a new description if desired. For example: Versa SASE Secure Access Client for remote devices.

    c. Publisher: Versa Networks

    d. Version: Provide the version, for example: 7.2.11

    e. Category: Select Productivity, Computer Management

f. All other information is optional. You can bypass these fields and select Next.

Configure App Installation and Removal

Configure the installation and removal commands for the application. This helps the software to be silently installed and provides a path for removal.

On the Program page, enter the following information. Replace the Name of the .exe file with the appropriate name.

1. Install command:

   VersaSecureAccess_Client_v7.2.11.exe /SP- /silent /components=base,prelogon

2. Uninstall command:

   VersaSecureAccess_Client_v7.2.11.exe /x

3. Install Behavior: System. This makes the client application available for all the users of the device. If you need to restrict access to the main user of the device, select User.

4. Device Restart Behavior: Determine behavior based on return codes.

5. Click Next.

Configure Application Requirements

Configure the requirements that devices must meet before the application is installed.

On the Requirements page, enter the following information:

1. Operating system architecture: 32 Bit and 64 Bit (so the app can be installed on both systems)
2. Minimum operating system: Windows 10 1607
3. The remaining fields are optional. You can bypass these fields.

Add App
Windows app (Win32)

✓ App information   ✓ Program   ③ Requirements   ④ Detection rules   ⑤ Dependencies   ⑥ Supersed

Specify the requirements that devices must meet before the app is installed:

Operating system architecture * ⓘ   [2 selected   ⌄]

Minimum operating system * ⓘ   [Windows 10 1607   ⌄]

Disk space required (MB) ⓘ   [   ]

Physical memory required (MB) ⓘ   [   ]

Minimum number of logical processors   [   ]
required ⓘ

Minimum CPU speed required (MHz) ⓘ   [   ]

Configure additional requirement rules

Type	Path/Script
No requirements are specified.	

+ Add

Configure Detection Rules

Configure the rules to detect the presence of the application.

1. On the Detection page, under Rules format, select Manually configure detection rules.
2. In the popup menu on the right, enter the following information.
   a. Rule Type: File
   b. Path: C:\Program Files (x86)\Versa Secure Access
   c. File or folder: VersaSecureAccessClient.exe
   d. Detection method: File or folder exists
   e. Associated with a 32-bit app on 64-bit clients: No

Detection rule   ✕

Create a rule that indicates the presence of the app.

Rule type * ⓘ	File ▼

Path * ⓘ	C:\Program Files (x86)\Versa Secure Access ✓
File or folder * ⓘ	VersaSecureAccessClient.exe ✓
Detection method * ⓘ	File or folder exists ▼
Associated with a 32-bit app on 64-bit clients ⓘ	Yes **No**

Other Options

You can bypass the following pages:

- Dependencies (the client does not have any dependencies)
- Supersedence

Configure Application Assignments

You can select the Required, Available for enrolled devices, or Uninstall group assignments for the app.

On the Assignments page, select from the following options.

- Required: The app is installed on devices in the selected groups. Click Add Group at the bottom of the section and select the groups that will need the app to be installed. Also, select Add All Devices if all devices which are being managed will get the application once it is selected. In the subsequent menu, you can provide availability timelines and deadlines and how the application will be installed in the managed devices.

All devices

✕ Remove

Assignment settings

Mode ⓘ   (Included Excluded)

App settings

End user notifications   Show all toast notifications   ⌄

Delivery optimization priority   Content download in background   ⌄

> ⓘ This application will be available as soon as it has been deployed, unless you specify an availability time below. If this is a required application, you may specify the installation deadline.

Time zone   (**UTC** Device time zone)

App availability   A specific date and time   ⌄

     Date and time *   04/07/2021 🗓   12:00:00 AM

App installation deadline   A specific date and time   ⌄

     Date and time *   04/10/2021 🗓   12:00:00 AM

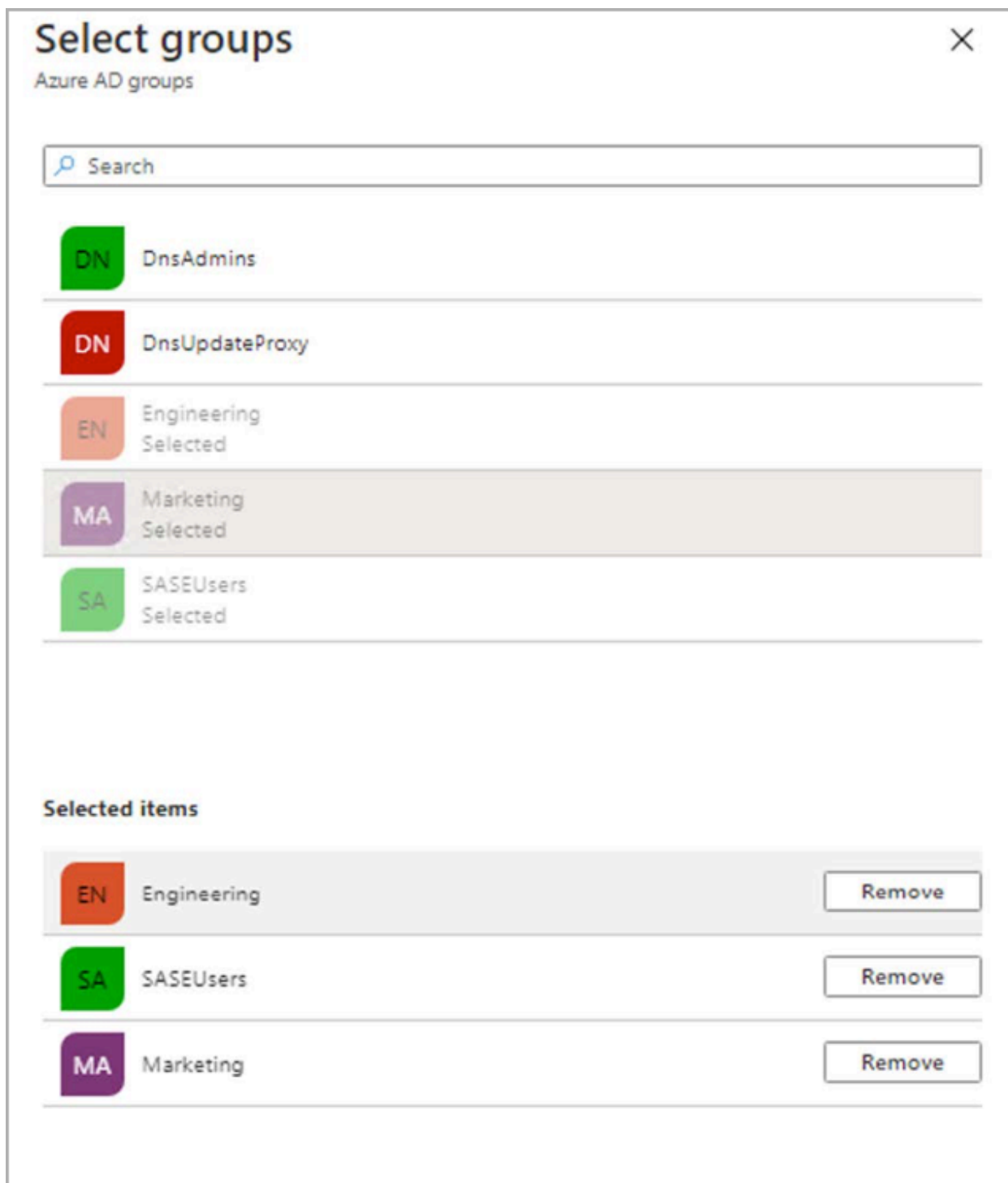Restart grace period   (Enabled **Disabled**)

- Available for enrolled devices: Users install the app from the company portal app or the company portal website. This is useful if you have provided a portal from which company employees can download and install the app. Do the same with the selection of User groups and devices as above.

- Uninstall: The app is uninstalled from devices in the selected groups. This is needed only during mass uninstallation; it does not need to be filled in. A filled in set of menus looks like the following screenshot:

Add App ...
Windows app (Win32)

✓ App information   ✓ Program   ✓ Requirements   ✓ Detection rules   ✓ Dependencies   ✓ Supersedence (preview)   ❷ Assignments   ⑧ Review + create

ⓘ Any Win32 app deployed using Intune will not be automatically removed from the device when the device is retired. The app and the data it contains will remain on the device. If the app is not removed prior to retiring the device, the end user will need to take explicit action on the device to remove the app.

Required ⓘ

Group mode	Group	End user notifications	Availability	Installation deadline	Restart grace period	Delivery optimization priority	
⊘ Excluded	Engineering						•••
⊘ Excluded	Marketing						•••
⊘ Excluded	SASEUsers						•••
⊕ Included	All devices	Show all toast notifications	4/07/21, 12:00 AM	4/10/21, 12:00 AM	Disabled	Content download in background	•••

+ Add group ⓘ + Add all users ⓘ + Add all devices ⓘ

Available for enrolled devices ⓘ

Group mode	Group	End user notifications	Availability	Restart grace period	Delivery optimization priority	
⊕ Included	Engineering	Show all toast notifications	As soon as possible	Disabled	Content download in foreground	•••
⊕ Included	Marketing	Show all toast notifications	As soon as possible	Disabled	Content download in foreground	•••
⊕ Included	SASEUsers	Show all toast notifications	As soon as possible	Disabled	Content download in foreground	•••

+ Add group ⓘ + Add all users ⓘ

Uninstall ⓘ

- When done, Click Next and select Review+Create. This creates the Application that is pushed out to the selected users/devices automatically so that all the devices can be installed with the Versa SASE client.