

Profile Manager

Workcloud Communication



ZEBRA

Imprivata Integration Guide

2024/07/08

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Imprivata Integration with Profile Manager and PTT Pro

Workcloud Communication uses Active Directory (AD) to authenticate users at sign-on time.

The Imprivata NFC tap-and-go authentication can be integrated with the Profile Manager.

This guide describes configuring Imprivata with the Profile Manager and PTT Pro.

Component Versions

The device and server versions used in this guide are described below. The components can change as software versions are updated.

- Imprivata Mobile Device Access (IMDA) version: Imprivata provides updates on the Google Play Store:
 - Enterprise Customers and Partners may also retrieve the MDA ADB Installation kit from their support site
 - IMDA version 7.9
- Workcloud Communication Profile Client version 2.0.20406 or later
- Workcloud Communication PTT Pro version 3.3.10166 or later
- Imprivata Server:
 - The Zebra Engineering server is kept up to date with the latest Imprivata images
 - Version 7.7 build 7.7.001.12
- Workcloud Communication Profile Manager server version 1.19.37 or later
- Workcloud Communication PTT Pro Server server version 4.9 or later

NFC Card Specifications

The Imprivata system supports tap-and-go NFC card technology. Use Imprivata cards when available.

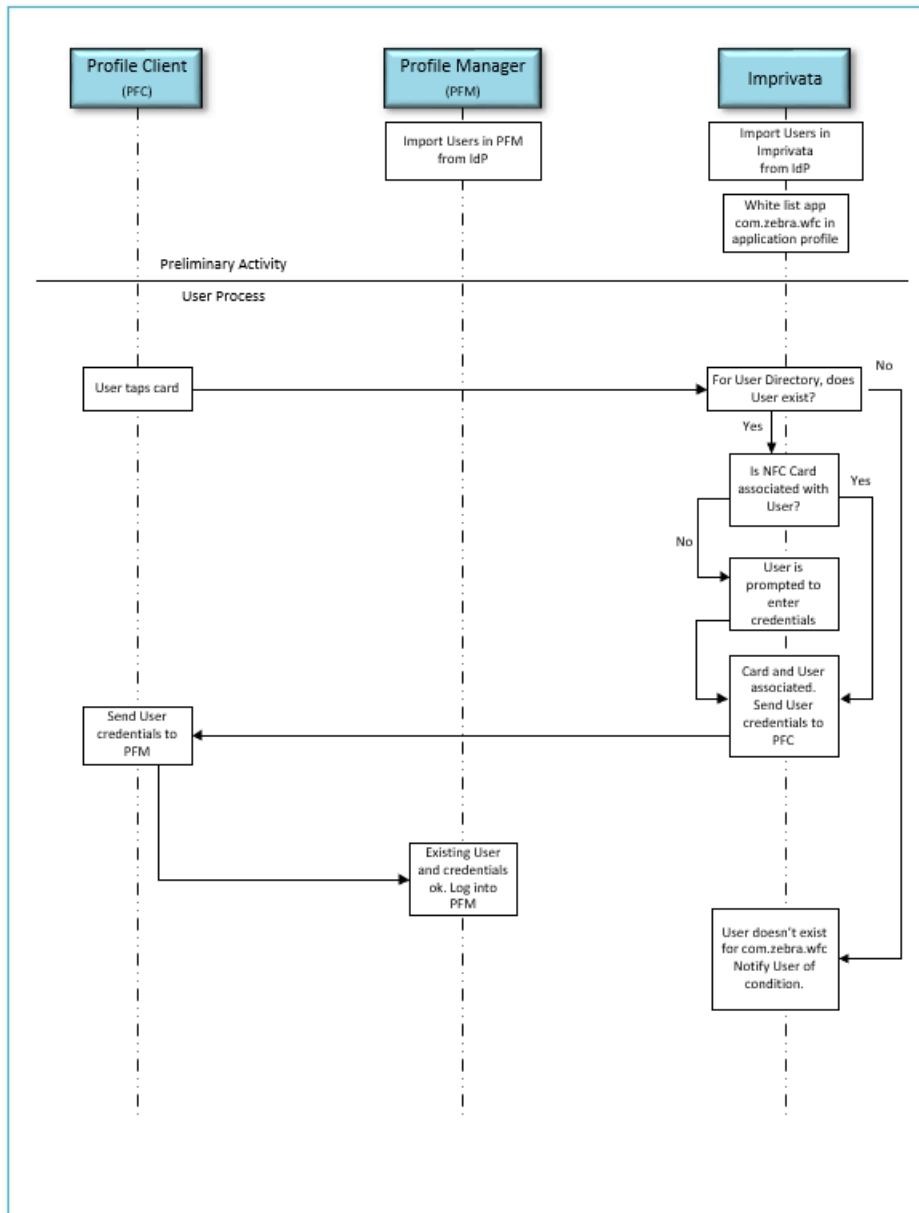
The following cards work successfully:

- Card Type: Mifare / NxP Mifare Ultralight
- Model: 13.56 MHz
- ISO: 14443-3A, or 15693

NFC Card Activation and User Association

The diagram illustrates the sequence of events and interaction of the Profile Client, Profile Manager, and Imprivata server for associating the NFC Card to the user and standard user login.

Figure 1 NFC Card Activation and User Association



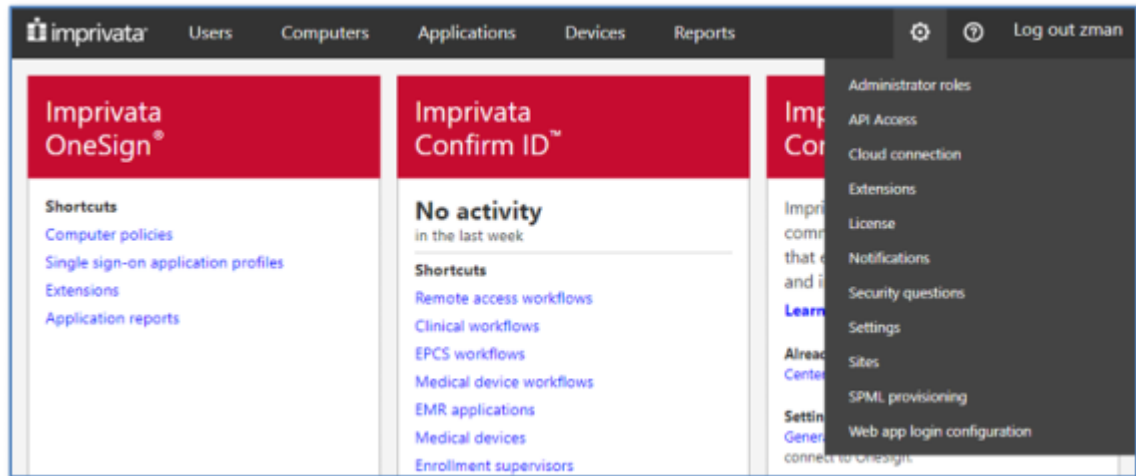
Imprivata Server Configuration

This section highlights the elements required to prepare a system to support Zebra devices. It is not an exhaustive server configuration tutorial.

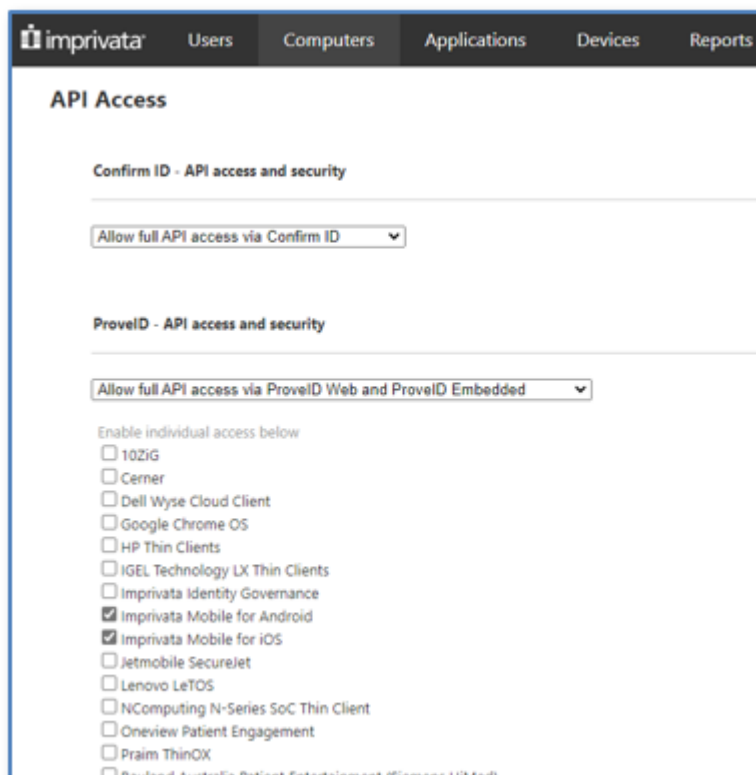
API Access

API access must be enabled for the IMDA to pass credentials to the Profile Client. If API access is not enabled, the IMDA generates the `Invalid Mode` error when the card is tapped and credentials are not passed to the Profile Client.

1. Navigate to **Platform Settings > API Access**.



2. Select the **Imprivata Mobile for Android** and **Imprivata Mobile for iOS** checkboxes in the **ProveID** section.



3. Save the settings.

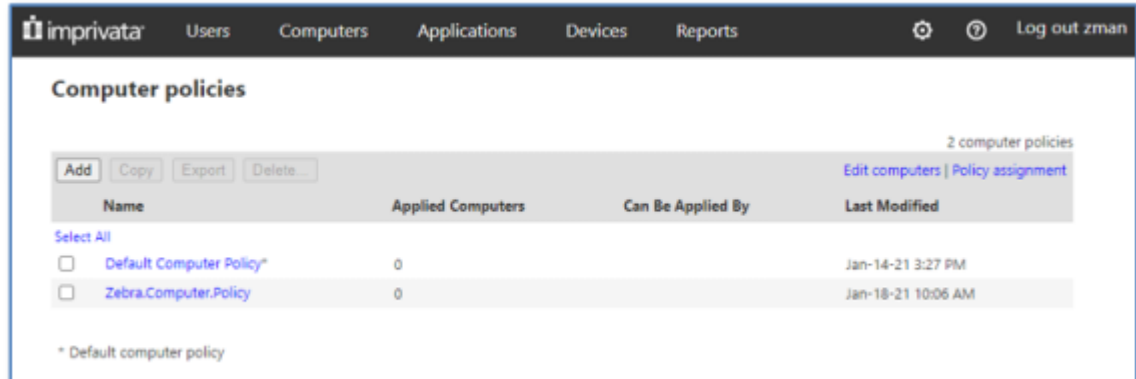
Edit or Create a Computer Policy

Assign a Computer Policy to each user. The assignment is done automatically when the User Import from AD occurs.

Generally, one policy is acceptable for all users. The policy is assigned at User Import and can be changed in each user's profile.

If a PC client is setup for Imprivata One-Sign, then additional attributes are required. For mobile devices, the only change to the default configuration is to enable Device Logging.

1. Click **Computers > Computer Policy**.



2. Select **Yes** for **Enable Agent Logging** for mobile devices.

The screenshot shows a configuration window for Profile Manager Imprivata Integration. It contains several sections: Configuration 3 and Configuration 4, both with dropdown menus set to 'None' and information icons; a section for HID card readers with two unchecked checkboxes; a 'Smart card readers' section with one unchecked checkbox and a 'Learn more' link; and an 'Agent logging' section with radio buttons for 'Yes' (selected) and 'No', and a 'Maximum File Size' field set to '100' Megabytes. 'Cancel' and 'Save' buttons are at the bottom right.

Configuration 3
None

Configuration 4
None

These settings apply exclusively to HID card readers

- ☐ Enable legacy mode for HID card readers
- ☐ Program HID 5x27 card reader configurations

Smart card readers

- ☐ Treat smart card authentications as proximity card authentications

[Learn more](#)

Agent logging

Enable Agent Logging? ☒ Yes ☐ No

Maximum File Size Megabytes

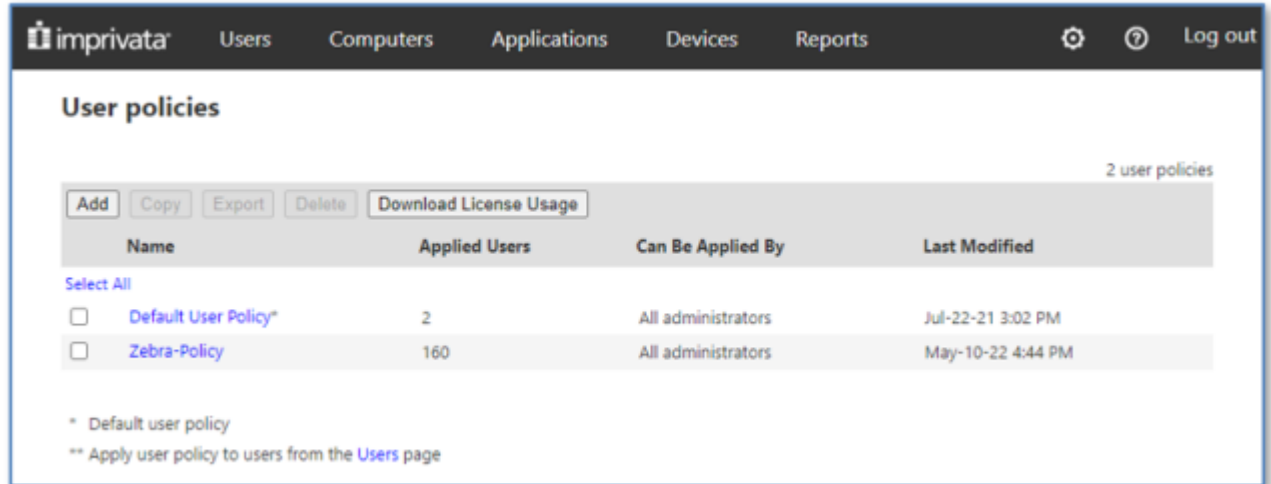
Cancel Save

3. Click **Save**.

Edit or Create the User Policy

The user policy is assigned when the user is imported and synchronized.

1. Click **User > User Policy** to add a new policy or edit an existing policy.



2. Add a new policy or edit an existing policy.

The policy options display on the following screens.

3. Select the **Let all administrators apply this policy** and **Password** checkboxes under **Primary Factors**.

The screenshot displays the 'User policies - Edit Zebra-Policy' interface in the Imprivata console. The top navigation bar includes links for Users, Computers, Applications, Devices, and Reports, along with a 'Log out zman' button. The main content area is titled 'User policies - Edit Zebra-Policy' and includes a 'Back to All User Policies' link and 'Cancel' and 'Save' buttons. A blue information box states: 'All users in this policy use the following licenses: Authentication Management and Self-Service Password Reset.' Below this is a 'Find Applied Users' button. The 'Policy name' field is set to 'Zebra-Policy' and the 'Policy ID' is '020A07D7-9EB8-4AF4-8A07-D79EB81AF414'. A checkbox labeled 'Let all administrators apply this policy' is checked. The 'Authentication' tab is selected, showing 'Licensed options' (Fingerprint Identification, Hands Free Authentication, Imprivata ID for Windows Access) and 'Walk-away security' (Allow Secure Walk Away). The 'Desktop Access authentication' section is expanded, showing 'Choose the authentication methods allowed for desktop access.' with 'Allow offline authentication' and 'Show greeting notification balloon when users log in' checked. Under 'Primary factors', the 'Password' checkbox is checked, and under 'Second factors', the 'No second factor' radio button is selected.

imprivata Users Computers Applications Devices Reports Log out zman

User policies - Edit Zebra-Policy

[Back to All User Policies](#) Cancel Save

Info All users in this policy use the following licenses: Authentication Management and Self-Service Password Reset.

Find Applied Users

Policy name: Policy ID: 020A07D7-9EB8-4AF4-8A07-D79EB81AF414

☒ Let all administrators apply this policy

Authentication Challenges Self-Service Password/Imprivata PIN Reset Single Sign-On Virtual Desktops

Licensed options

- ☐ Fingerprint Identification
- ☐ Hands Free Authentication
- ☐ Imprivata ID for Windows Access

Walk-away security **Info**

Provide increased walk-away security using Imprivata ID for presence detection on eligible workstations.

- ☐ Allow Secure Walk Away
Requires enrolled Imprivata ID.

Desktop Access authentication **Info**

Choose the authentication methods allowed for desktop access.

- ☒ Allow offline authentication
- ☒ Show greeting notification balloon when users log in

Primary factors

- ☒ Password
- ☐ Fingerprint

Second factors

- ☒ No second factor
- ☐ Imprivata ID **Info**
- ☐ No second factor
- ☐ Password
- ☐ Imprivata PIN

4. Select the **Proximity Card** checkbox.

☒ Proximity Card

☐ No second factor
☐ Password
☐ Imprivata PIN
☐ Fingerprint
☐ Fingerprint or Password
☐ Fingerprint or Imprivata PIN

☐ Smart Card or USB token using Active Directory certificate

Choose a keytab file...

Allow temporary use of conditional primary methods (with optional second factor) after initial certificate-based authentication

☐ Password
☐ Built-in proximity card

☐ No second factor
☐ Password
☐ Imprivata PIN
☐ Fingerprint
☐ Fingerprint or Password
☐ Fingerprint or Imprivata PIN

Allow use of conditional primary methods for:
0 : 0
(0-23 hours) (0-59 minutes)

☐ Smart Card or USB token using external certificate

Allow temporary use of conditional primary methods (with optional second factor) after initial certificate-based authentication

☐ Password
☐ Built-in proximity card

☐ No second factor
☐ Password
☐ Imprivata PIN
☐ Fingerprint
☐ Fingerprint or Password
☐ Fingerprint or Imprivata PIN

Allow use of conditional primary methods for:
0 : 0
(0-23 hours) (0-59 minutes)

☐ ID token (requires external ID token server)

☐ VASCO OTP token ⓘ

☐ Require password for tokens that do not have a PIN

☐ Answer security questions View and modify security questions

5. Click **Save**.

The screenshot shows a configuration window titled "Fingerprint" with several settings:

- Number of sequential failed fingerprint authentication attempts before authentication failure:** A dropdown menu set to "2".
- Maximum allowed enrolled fingers:** A dropdown menu set to "2".
- Allow users to manage fingerprints:** A checked checkbox.
- VASCO OTP token:**
 - Allow users to enroll VASCO OTP tokens:** An unchecked checkbox.
 - Lock computer if user cancels enrollment:** An unchecked checkbox.
 - Allow Offline Authentication with VASCO OTP token:** An unchecked checkbox.
 - Offline data lifespan:** A dropdown menu set to "14" (1 - 21) days.
- Smart card using external certificate:**
 - Allow smart card enrollment and authentication only while certificate is valid:** A checked checkbox.

At the bottom of the window are "Cancel" and "Save" buttons.

Edit or Create the Mobile Device Access Policy

Create a policy to control the behavior of client devices.

1. Select **Computers > Mobile Policy** from the toolbar.

2. Select the **Allow guest mode** checkbox under **Access Management**.

This option allows the user to exit from the IMDA launcher in guest mode without signing in.

The screenshot shows the Imprivata web interface for configuring the 'Mobile Device Access policy'. The top navigation bar includes the Imprivata logo and tabs for Users, Computers, Applications, Devices, and Reports. The main heading is 'Mobile Device Access policy' with 'Cancel' and 'Save' buttons. Below this is a section titled 'Access Management' which contains several settings:

- ☒ **Allow guest mode**
Provides users with access to an unlocked device without enabling single sign-on capabilities.
- ☐ **Automatically log out a user**
Set time to log out a user after a period of inactivity.
0 : 30
(0-24 hours) (0-59 minutes)
- ☐ **Inactivity re-authentication**
Set time to force user to re-authenticate after a period of inactivity.
0 : 30
(0-24 hours) (0-59 minutes)
- ☐ **Turn on grace period for second authentication factor**
Grace period allows you to not have to enter the second authentication factor for a specified time period.
0 : 0
(0-24 hours) (0-59 minutes)
- ☐ **Unlock with Imprivata PIN instead of proximity card**
Allows you to use Imprivata PIN to unlock screen for a specified time period after using password as primary factor.
0 : 1
(0-24 hours) (0-59 minutes)

Below the 'Access Management' section is the 'Web Browser Management' section, which states: 'When a user logs out, or a user switch is initiated, all open browsers will be automatically closed.'

3. Select **Do nothing** under **Web Browser Management**.

The screenshot shows a configuration window titled "Web Browser Management" with three main sections: "Web Browser Management", "Authentication", and "Customization".

Web Browser Management
When a user logs out, or a user switch is initiated, all open browsers will be automatically closed.

Advanced user data clearing
Additional action that can be enabled to ensure all prior user data is removed.

☒ Do nothing
☐ Force stop all browsers
☐ Clear cache on all browsers
☐ Clear data on all browsers

Authentication

☐ Validate stored domain credentials before authenticating
Applies only to non-password authentication methods.

Customization

Select Language:
English

☒ Allow lock screen notifications
Notifications from other apps will be displayed on the Imprivata Mobile for Android lock screen.
Caution: Notifications may contain sensitive content, such as PHI or private data, and can be read while the device is locked.

Voice call (VoIP) apps (authentication not required to answer call)
com.symbol.wfc.voice
List all allowed app packages, comma-separated.

Voice call (VoIP) apps (authentication required to answer call)
com.symbol.wfc.voice
List all allowed app packages, comma-separated.

Messaging and other apps
com.symbol.wfc.voice
List all allowed app packages, comma-separated.

☒ Allow floating Home button
Applicable for Workspace ONE Launcher configuration.

Cancel Save

4. Under the **Authentication** section deselect **Validate stored domain credentials before authenticating**.
5. Select **Allow lock screen customizations** under **Customization**.

Enabling this option enables Workcloud Communication notifications to display on the lock screen.

6. Enter the Workcloud Communication package name, `com.symbol.wfc.voice`, in the following fields.
 - **Voice call (VoIP) apps (authentication not required to answer call)**
 - **Voice call (VoIP) apps (authentication required to answer call)**
 - **Messaging and other apps**
7. Click **Save**.

Create an Imprivata Directory

Create an Imprivata directory to import users into a unique container within the Imprivata server.

Complete the following steps:

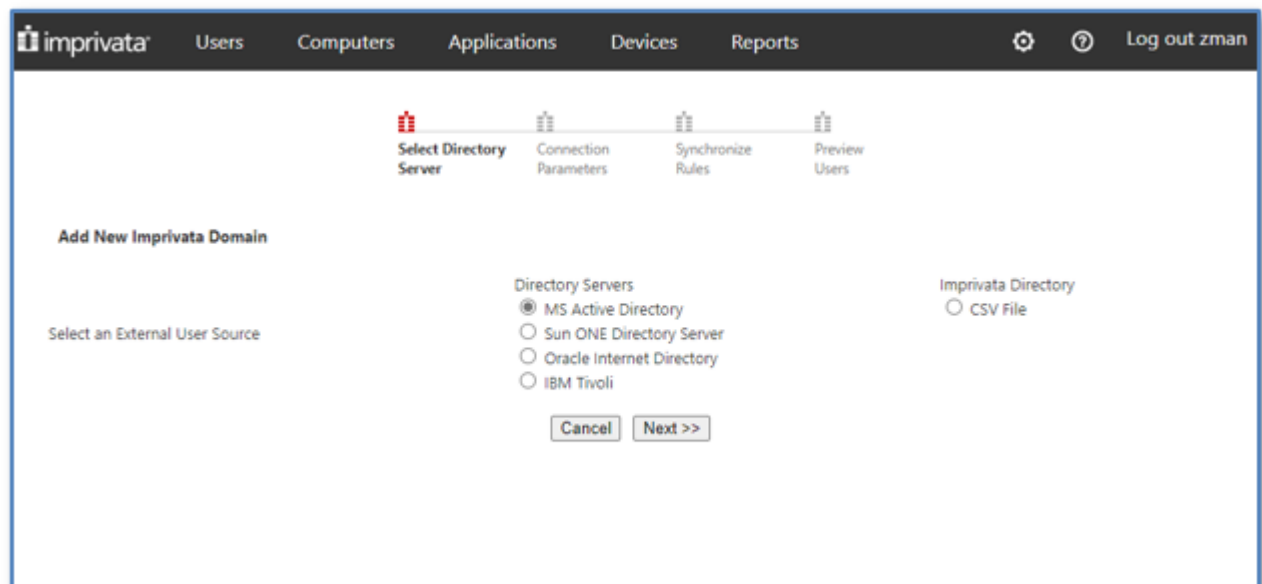
- Create the Imprivata Directory.
- Specify the group of users to import.
- Define synchronization rules.

Users are imported, the application policy is applied, and users are enabled after you complete these steps.

Add a Directory

Create an Imprivata directory by identifying the Active Directory host.

1. Select **Users** > **Directories** from the Imprivata console.



2. Select **MS Active Directory** and click **Next**.

3. Configure the Imprivata Domain to create a new user authentication directory.

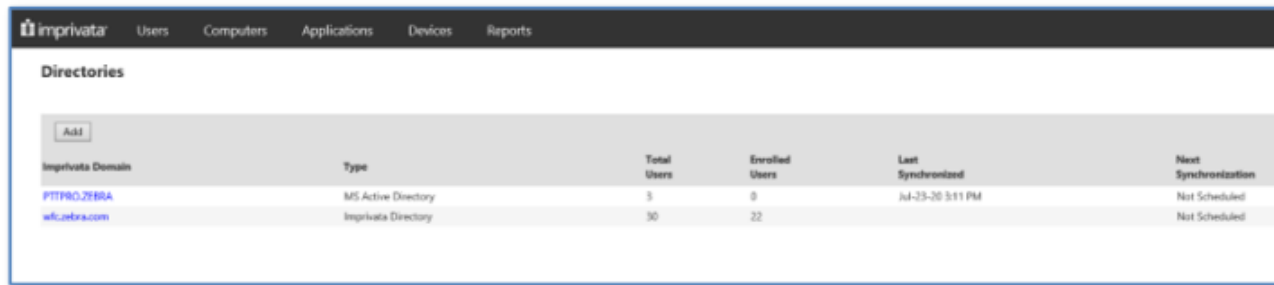
The screenshot shows the 'Add New Imprivata Domain' configuration page in the Imprivata web interface. The page has a dark header with the Imprivata logo and navigation tabs: Users, Computers, Applications, Devices, and Reports. Below the header, there are four sub-tabs: Select Directory Server, Connection Parameters (which is active and highlighted in red), Synchronize Rules, and Preview Users. The main content area contains the following fields and options:

- Domain name:** A text input field with the placeholder text '<enter your domain>'.- Host name:** A text input field with the placeholder text '<use dns or IP>'.- NetBIOS name:** A text input field with a blue 'Look-up' link to its right.- Username:** A text input field with the placeholder text '<enter valid existing user ID>'.- Password:** A password input field with masked characters (dots).- Use TLS for secure communication:** A checked checkbox.- Directory server certificate:** A section with the text '(1 certificate)' and two buttons: 'Browse...' and 'Upload'.- Validate stored domain credentials before authenticating:** An unchecked checkbox with the subtext 'Applies only to non-password authentication methods'.- Kerberos authentication:** A section with the text 'Upload the keytab file if using smart cards with Active Directory certificates or authenticating with Kerberos'.- Keytab file:** A section with the text '(No keytab files)' and two buttons: 'Browse...' and 'Upload'.- Buttons:** At the bottom right, there are four buttons: 'Cancel', '<< Back', 'Save', and 'Synchronize Users >>'.

- a) Enter the domain name used for the AD server configuration in the **Domain name** field.
- b) Enter the hostname or IP address of the AD server, not the ADFS server, in the **Host name** field.
- c) Enter a valid username in the **Username** field.
- d) Enter a password in the **Password** field.
This user must have permission for AD validation.
- e) Leave the NetBIOS name field blank.
- f) Deselect the **Use TLS for secure communication** if the AD server does not support TLS.
- g) Click the **Look-up** link above the **NetBIOS name** field.

If the information is valid, the NetBIOS name is populated. If the NetBIOS name does not appear then a firewall may be blocking access to the AD server, or the user credentials are invalid.

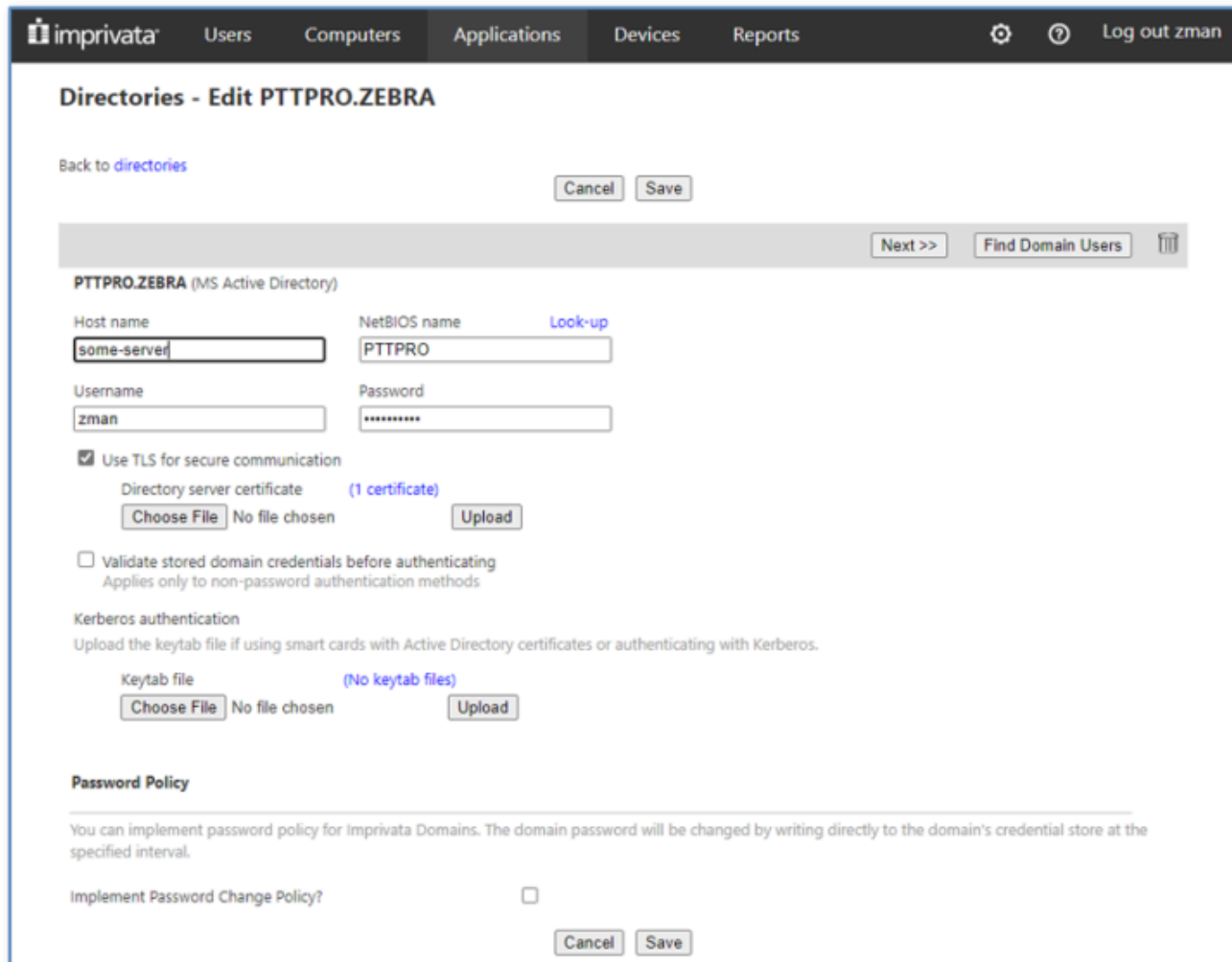
4. Click **Save**.



The screenshot shows the 'Directories' page in the Imprivata interface. It features a table with columns for 'Imprivata Domain', 'Type', 'Total Users', 'Enrolled Users', 'Last Synchronized', and 'Next Synchronization'. Two directories are listed: 'PTTPRO.ZEBRA' (MS Active Directory) and 'wfc.zebra.com' (Imprivata Directory). Both show 0 enrolled users and are not scheduled for the next synchronization.

Imprivata Domain	Type	Total Users	Enrolled Users	Last Synchronized	Next Synchronization
PTTPRO.ZEBRA	MS Active Directory	3	0	Jul-23-20 3:11 PM	Not Scheduled
wfc.zebra.com	Imprivata Directory	30	22		Not Scheduled

5. Select the new directory to advance to the next configuration step and identify users to import.



The screenshot shows the 'Directories - Edit PTTPRO.ZEBRA' configuration page. It includes fields for 'Host name' (some-server), 'NetBIOS name' (PTTPRO), 'Username' (zman), and 'Password'. There are checkboxes for 'Use TLS for secure communication' (checked) and 'Validate stored domain credentials before authenticating' (unchecked). Below these are sections for 'Directory server certificate' and 'Kerberos authentication', each with a 'Choose File' button and an 'Upload' button. At the bottom, there is a 'Password Policy' section with a checkbox for 'Implement Password Change Policy?'. Navigation buttons like 'Back to directories', 'Cancel', 'Save', 'Next >>', and 'Find Domain Users' are also visible.

Directories - Edit PTTPRO.ZEBRA

Back to [directories](#) Cancel Save

Next >> Find Domain Users

PTTPRO.ZEBRA (MS Active Directory)

Host name: NetBIOS name: [Look-up](#)

Username: Password:

☒ Use TLS for secure communication

Directory server certificate (1 certificate)

Choose File No file chosen Upload

☐ Validate stored domain credentials before authenticating
Applies only to non-password authentication methods

Kerberos authentication

Upload the keytab file if using smart cards with Active Directory certificates or authenticating with Kerberos.

Keytab file (No keytab files)

Choose File No file chosen Upload

Password Policy

You can implement password policy for Imprivata Domains. The domain password will be changed by writing directly to the domain's credential store at the specified interval.

Implement Password Change Policy? ☐

Cancel Save

Identify Users to Import

Identify users to import. You can import entire domains, specific OUs, or groups. Consider creating an organizational unit (OU) in AD that includes the users who will use the system.

- Select a method to import users.
 - All users in this domain.
 - Only users in select organizational units.
 - Only users in select groups.

Synchronize users from PTTPRO.ZEBRA

☐ All users in this domain

☐ Only users in select organizational units (0 OUs selected) [Select OUs...](#)

☒ Only users in select groups

☒ Typical user synchronization (1 group selected) [Select groups...](#)
Synchronize the entire domain structure, including the structure you have not selected.

☐ Limited user synchronization (0 group selected) [Select groups...](#)
For enterprises with exceptionally large domain structures, limits the domain synchronization to only the groups selected here.

Synchronization settings

These settings are applied to existing users at each synchronization.

Choose how to set Imprivata user status

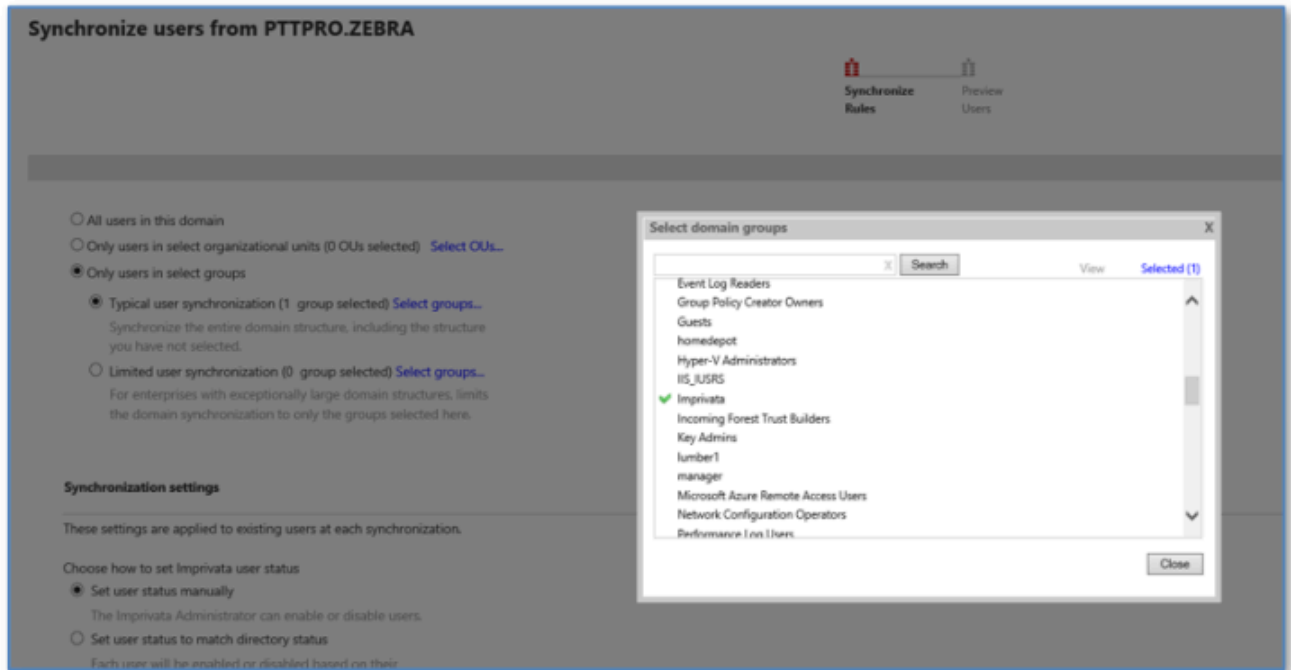
☒ Set user status manually
The Imprivata Administrator can enable or disable users.

☐ Set user status to match directory status
Each user will be enabled or disabled based on their directory status and updated automatically.

New Imprivata user settings

Only import users who use Workcloud Communication. You can define a specific Group OU to identify these users.

In this example, **Only users in select groups** is selected and the **Select domain groups** dialog displays.



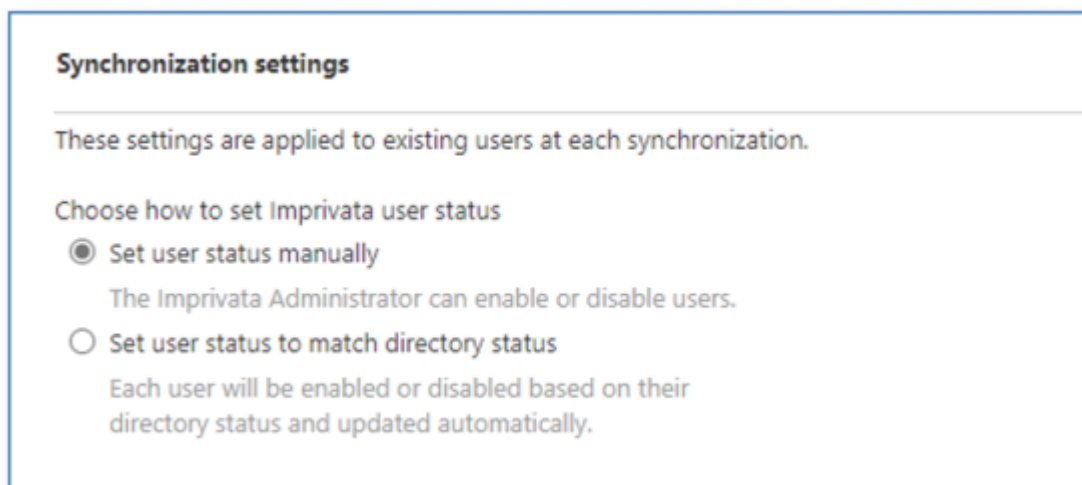
The Imprivata group is selected. This group includes Active Directory users identified as Workcloud Communication users.

Synchronize Users

Synchronize the Imprivata server to apply the mobile device access policy after you create the Imprivata Directory and identify the group of users to import.

1. Select a method for setting Imprivata user status.

- Set user status manually.
- Set user status to match directory status.



2. Select the policy to assign to new Imprivata users.

New Imprivata user settings

These settings are applied only to users that are added during synchronization

Choose a policy to be assigned to all new Imprivata users

Zebra-Imp User Policy Except

Choose the status for new Imprivata users:

☐ Disable new users
New users are initially disabled

☒ Enable new users
New users are initially enabled

☐ Automatically create an email address for each new user

Extended User Attributes

You can specify additional Extended User Attributes to import from the directory server in order to help identify users. Type in the Extended User Attribute name.

Note: Be sure to check the Extended User Attribute name. If it is incorrect, then the attribute value cannot be imported. You will be notified through the system logs.

Add Remove

Automate Synchronization Process

You can automate the synchronization process at a scheduled interval if desired. You may choose not to proceed with the scheduled job.

Automate Synchronization? ☐

<< Back Save

3. Select **Enable new users** to apply the user policy.
4. Select the **Automate Synchronization** checkbox.

5. Choose the synchronization configuration.

Automate Synchronization Process

You can automate the synchronization process at a scheduled interval if desired. You may choose not to proceed with the scheduled job if a specified number of users or more will be deleted. Set up a notification for scheduled synchronization if you wish to receive an email when the job runs.

Automate Synchronization? ☒

Do not Synchronize if Users are to be Deleted? ☒ Only if the number of users to be deleted exceeds
[Set up event notification?](#)

Synchronize at

Choose the site that performs automated synchronization

6. Click **Save**.

7. Click **Preview Users** to view the user search and the list of users that match the import criteria.

[Users](#)
[Computers](#)
[Applications](#)
[Devices](#)
[Reports](#)

Synchronize users from PTTPRO.ZEBRA

Synchronize Rules

Preview Users

Users To Be Added

Users To Be Removed

Username	First Name	Last Name
zman1	zman1	Zimmerman1
zman2	zman2	Zimmerman2
zman3	zman3	Zimmerman3

- Click **Synchronize Now** to add the users to Impriva.

Previous Page 1 2

Search for Users
Username Search

Synchronize Add Delete Enable Disable Unlock Notify Apply Policy

Username	First Name	Last Name	Impriva Domain	Impriva User Status	Lockout Status	Enrollment Status	User Policy
<input type="checkbox"/> NCratchet	Nurse	Cratchet	wfc.zebra.com	Enabled	Not locked	Unenrolled	Zebra Imp User...
<input type="checkbox"/> NRkurse	NIKU	Nurse	wfc.zebra.com	Enabled	Not locked	Enrolled	Zebra Imp User...
<input type="checkbox"/> SGarcia	Sophia	Garcia	wfc.zebra.com	Enabled	Not locked	Enrolled	Zebra Imp User...
<input type="checkbox"/> SJames	Sadie	James	wfc.zebra.com	Enabled	Not locked	Enrolled	Zebra Imp User...
<input type="checkbox"/> SWilkins	Scott	Wilkins	wfc.zebra.com	Enabled	Not locked	Enrolled	Zebra Imp User...
<input type="checkbox"/> TWatson	Tom	Watson	wfc.zebra.com	Enabled	Not locked	Enrolled	Zebra Imp User...
<input type="checkbox"/> WClarke	William	Clarke	wfc.zebra.com	Enabled	Not locked	Unenrolled	Zebra Imp User...
<input type="checkbox"/> WElison	William	Elison	wfc.zebra.com	Enabled	Not locked	Enrolled	Zebra Imp User...
<input type="checkbox"/> WShelton	Winifred	Shelton	wfc.zebra.com	Enabled	Not locked	Enrolled	Zebra Imp User...
<input type="checkbox"/> zman**	Steve	Zimmerman	wfc.zebra.com	Enabled	Not locked	Enrolled	Zebra Imp User...
<input type="checkbox"/> zman1	zman1	Zimmerman1	PITPRO.ZEBRA	Enabled	Not locked	Unenrolled	Zebra Imp User...
<input type="checkbox"/> zman2	zman2	Zimmerman2	PITPRO.ZEBRA	Enabled	Not locked	Unenrolled	Zebra Imp User...
<input type="checkbox"/> zman3	zman3	Zimmerman3	PITPRO.ZEBRA	Enabled	Not locked	Unenrolled	Zebra Imp User...

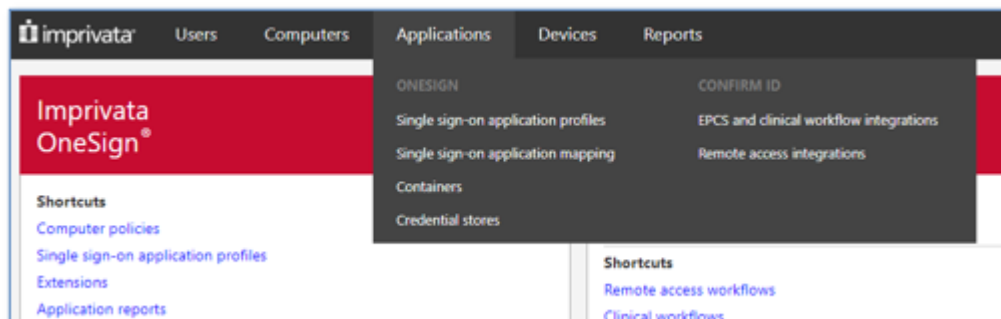
* Administrator ** Super Administrator

The first time a user taps their badge, they may be prompted for their user name and password to register their card with the system.

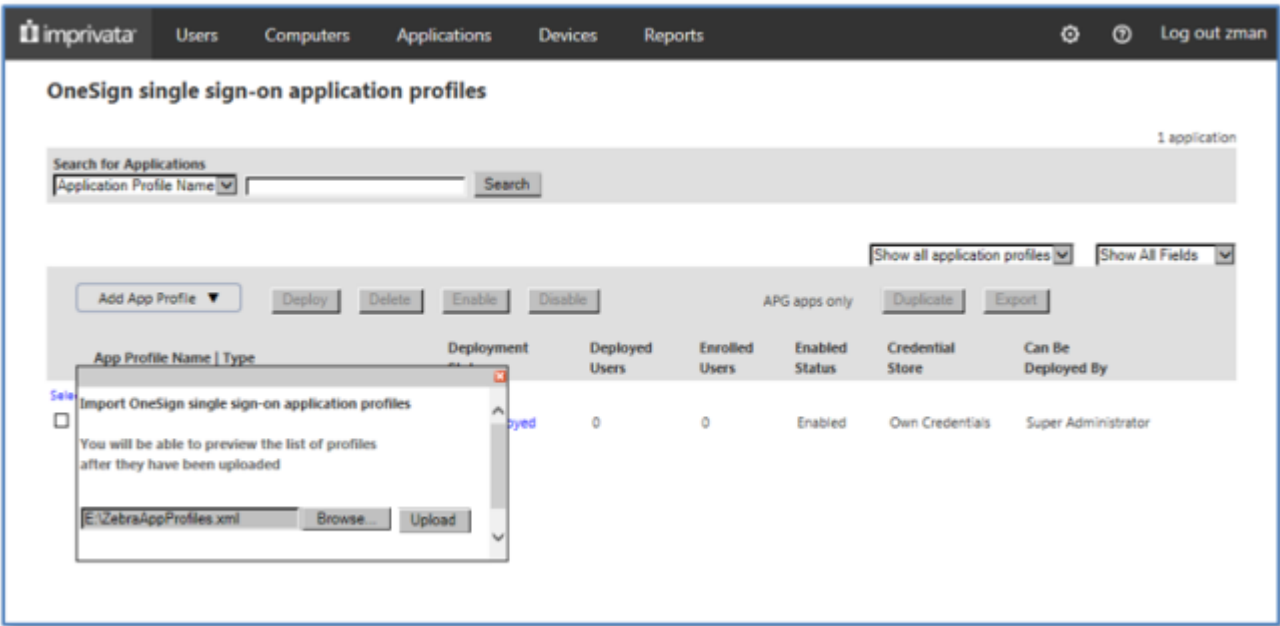
Import the Profile Client Profile

The application profile instructs the identity provider to share credentials with the Profile Client service, `com.zebra.dfs`. The XML elements shown in the example should not be modified unless instructed by Impriva Tech Support.

- Navigate to **Applications** > **Single sign-on application profiles**.



2. Click **Add App Profile** and click **Browse** to import the ZebraAppProfiles.xml file.



Refer to [Zebra Application Profile](#) for the contents of ZebraAppProfiles.xml.

After you import the application profile, the file is listed in the **App Profile Name** column with a deployment status of Not Deployed.

3. Click the **Not Deployed** link to edit the profile and verify the **Deployment** settings.

The following settings must be enabled:

- **Deploy This Application?**
- **Deploy All Users and Groups?**
- **Let all administrators deploy this application?**

The screenshot shows the 'Deploy application: Zebra Device Fabric Service :Android:' configuration page in the Imprivata Profile Manager. The page has a dark header with navigation links: Users, Computers, Applications, Devices, and Reports. The main content area is divided into several sections:

- Profile Information:** Fields for Profile Name, Application Name, Profile Created, Production Profile Last Updated, Number of Deployed Users, and Number of Enrolled Users. The values shown are: Profile Name: Zebra Device Fabric Service :And, Application Name: Zebra Device Fabric Service :And, Profile Created: with Version 7.3 of OneSign, Production Profile Last Updated: on Jan-18-21 9:50 AM by Factory installed, Number of Deployed Users: 9, and Number of Enrolled Users: 4.
- Deployment:** A section with a heading 'Check the Deploy This Application? checkbox to set deployment options and deploy the application profile.' It contains three checkboxes, all of which are checked: 'Deploy This Application?', 'Deploy to All Users and Groups?', and 'Let all administrators deploy this application?'. Below these checkboxes is a small text note: 'To deploy to selected users and groups, uncheck the Deploy to All Users and Groups? checkbox.'
- Credentials:** A section with a heading 'This application shares credentials?'. It has two radio buttons: 'with the domain only' (selected) and 'with other applications'. Below this is a checkbox 'Do not update the user's domain password in OneSign if the application password changes.' which is also checked. At the bottom, there is a section 'Please select a domain username format:' with three radio buttons: 'SAM account name' (selected), 'UPN name', and 'NetBIOS name'. The corresponding values are: SAM account name: jsmith, UPN name: jsmith@acme.com, and NetBIOS name: acme\jsmith.

At the top right and bottom right of the form are 'Cancel' and 'Save' buttons.

4. Verify the **Credentials** settings.

The following settings must be enabled:

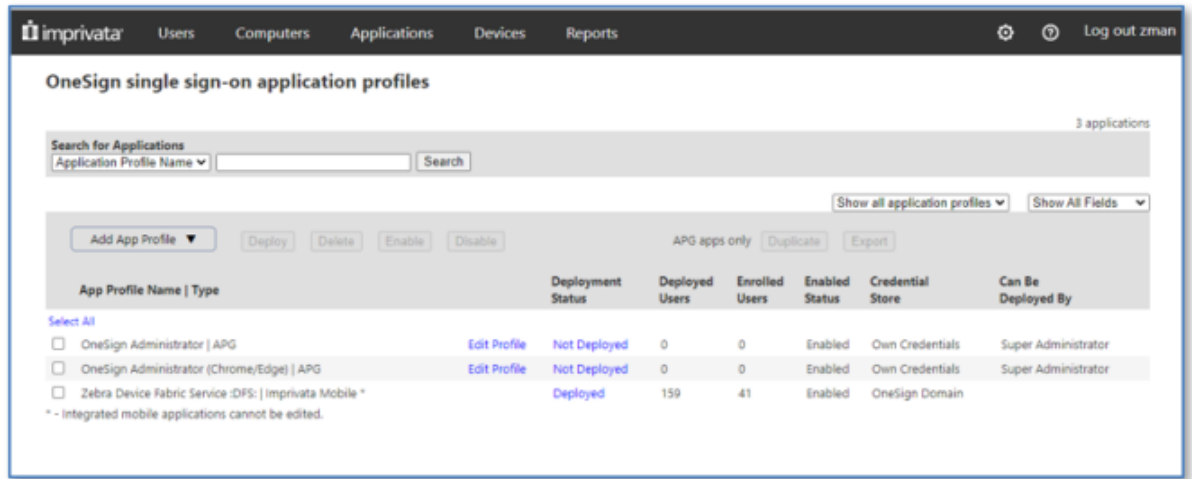
- **This application shares credentials?**
 - **with the domain only**
 - **Do not update the user's domain password in OneSign if the application's password changes.**

5. Select the domain user name format.



NOTE: Profile Manager implementations use UPN format, but there are exceptions.

6. Click **Save**.



The **OneSign single sign-on application profiles** screen displays the deployed profile and lists the number of Deployed Users and the number of Enrolled Users.

Zebra Application Profile

The application profile is an XML file that instructs the IMDA to share credentials with the `com.zebra.dfs` Profile Client service. Do not modify the XML elements of this file unless instructed by Imprivata Tech Support.

The name of the application profile for Zebra devices is `ZebraAppProfiles.xml`.

```
<app desc="Zebra Device Fabric Service :Android:" nm="com.zebra.dfs"
profileType="2" appType="2">
  <env nm="Android" type="100">
    <scn auto="0" dgs="1" nm="">
      <ctl cls="" nm="noAutofill" var="USR"/>
      <ctl cls="" nm="noAutofill" var="PWD"/>
    </scn>
  </env>
```


</app>

Table 1 Application Profile Parameters

Required Parameters	Values
profileType	<ul style="list-style-type: none"> 0 = OneSign 1 = Patient Secure 2 = IMDA A value of 2 is required.
appType	<ul style="list-style-type: none"> 0 = native 1 = web 2 = integrated A value of 2 is required.

Configure the Clients and Profile Manager

Configure the client applications and the Profile Manager (PFM) after configuring the Imprivata server. The client applications include the Imprivata client and the Profile Client.

Configuring the Imprivata Mobile Device Access Client

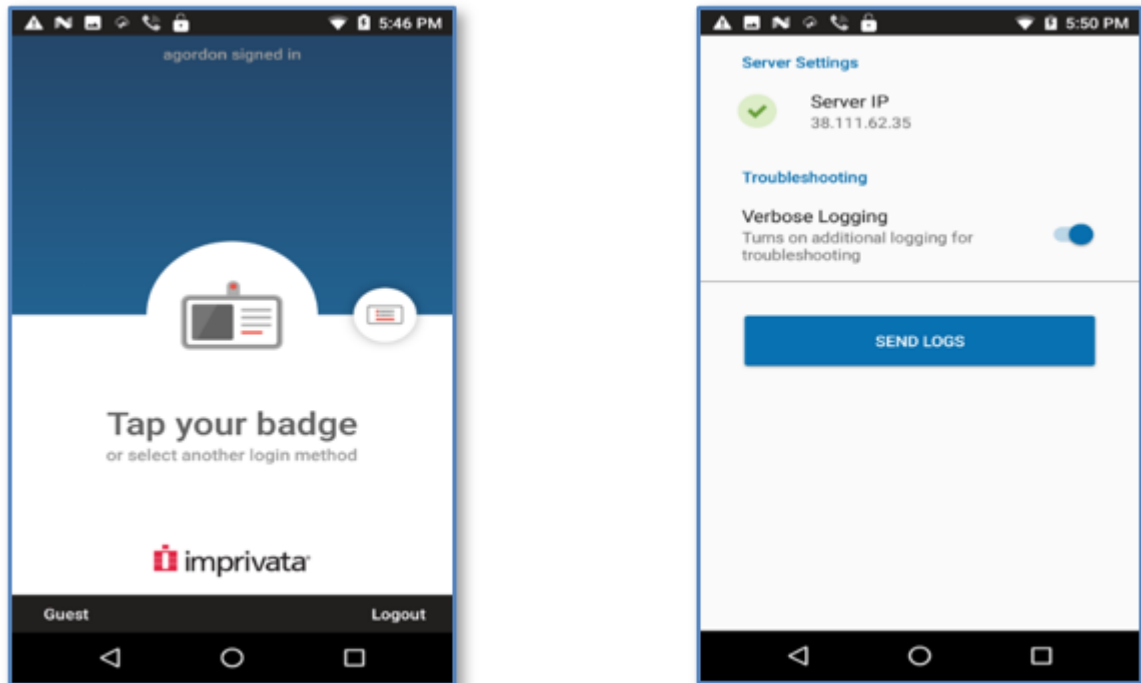
Configure Imprivata Mobile Device Access (IMDA) client to access the Imprivata server.

Complete the following steps to install and configure the IMDA client:

- Install the client and accept the appropriate permissions from the device operating system.
- Turn on the NFC radio on the device.
- Configure the IMDA client with the IP address of the Imprivata server.

Open the IMDA client and tap the blue background ten times to display the client settings and enter the IP address for the Imprivata server.

Figure 2 IMDA Settings



Return to the IMDA main screen after entering the IP address of the Imprivata server.

Configuring the Profile Client

Refer the Workcloud Communication Profile Client Applications Installation and Configuration Guide for Administrators for configuration information regarding the Profile Client.

Configuring the Profile Manager Tenant

Modify the Profile Manager Customer and Mobile Device options to configure the authentication method.

1. Select **Customer** from the Profile Manager dashboard.

The image shows a screenshot of a web form titled 'Edit Customer'. It has several input fields: 'CLS Id' with the value 'sdfsfdsf', 'Extension Manager Url' with the value 'https://asasdasdasdasd.pttpro.zebra.com', and 'Authentication Method' with the value 'IMPRIVATA'. There is also a section for 'OAuth Details' which is currently empty.

2. Select IMPRIVATA from the **Authentication Method** drop-down menu.
3. Click **Update**.
4. Select **Device Users** from the **Device User Management** section on the **Dashboard**.
5. Verify that the **Authentication Method** is set to OAUTH2.

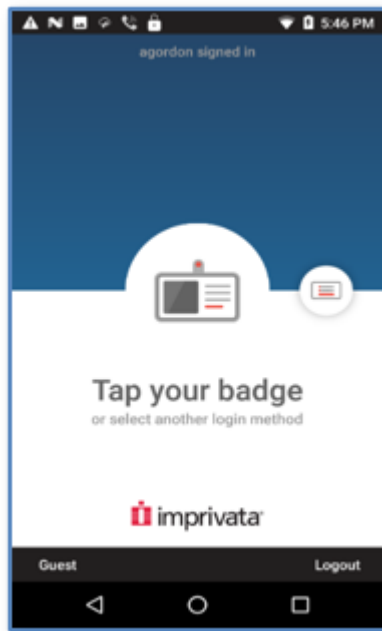
User Name	First Name	Last Name	User Role Levels	User roles	Organization	Department	Force Logout	Authentication Method
jbarber	Jerry	Barber		@ wire			true	OAUTH2

Mobile Device Operation

When you start the device with the Profile Client, the Imprivata interface displays.

Tap the NFC card on the back of the device.

Figure 3 Imprivata Screen When Device Starts

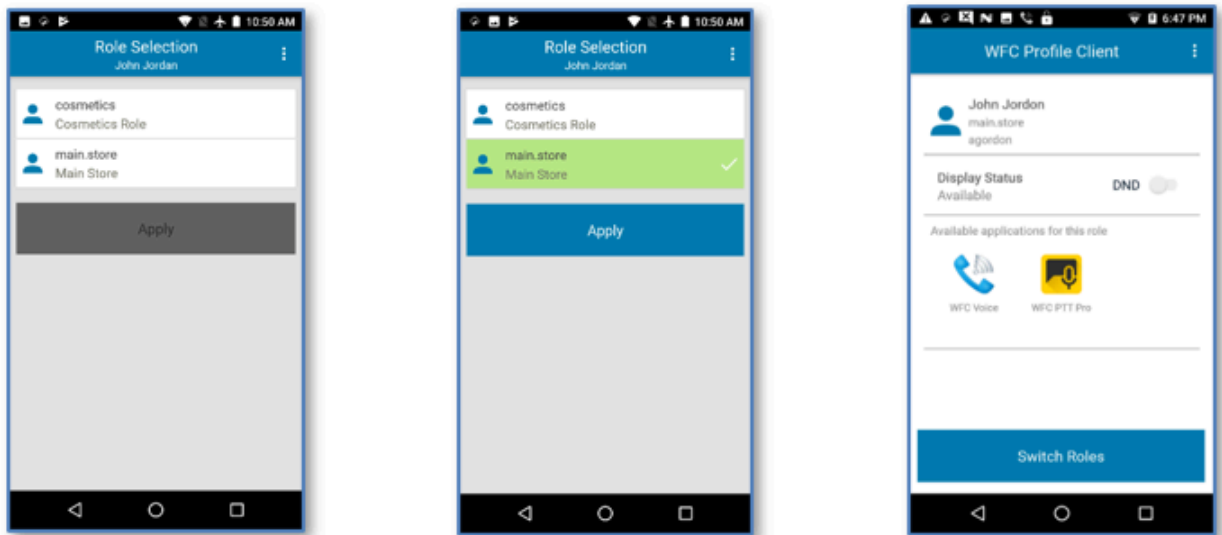


NOTE: NFC services do not automatically start after the device reboots. The Imprivata screen alerts the user to turn on NFC services for the device.

After a user logs in through Imprivata, the Profile Client automatically connects and logs in to Profile Manager. The list of roles available to the user is displayed. The user selects a role and taps **Apply**.

In this example, the Main Store profile is delivered by the Profile Manager to the mobile device. This profile includes the Zebra Voice client and theZebra PTT Pro client.

Figure 4 Role Selection in the Profile Client



Revision History

Change	Date	Description
MN-004677-01EN	February, 2023	First version.
MN-004677-02EN	July, 2024	Rebranded to Workcloud Communication.

