

***Bravura Security Fabric* Implementation:**

Mobile Access

The Hitachi ID Bravura One App allows for access to *Hitachi ID Bravura Security Fabric* from a mobile device on which users can change their passwords.

This document contains:

- Requirement
- Solution
- Use case: Mobile device enrollment invitations via email
- Use case: Install the Hitachi ID Bravura One App and register a profile
- Use case: Self-service password reset

Terminology

The following terms are introduced in this unit:

Hitachi ID Bravura One App is the name of the application used to access *Hitachi ID Bravura Security Fabric* instances from a mobile device.

Batch notifications are scheduled email notifications sent out by *Bravura Security Fabric* en masse to all users that fit a set criteria.

Mobile devices within the context of this document, mobile devices consist of smart phones and tablets. They do not include laptops.

1 Requirement

Organizations require more than one platform for users to change their passwords. For example; a user's password has expired and locked them out of the domain their computer is connected to, therefore, the user requires an alternate way to change their password.

BEST PRACTICE	In the case that <i>Bravura Security Fabric</i> is configured to support mobile registrations for users, steps should be made to ensure that all users register a device if possible. At a minimum, monitor the mobile registration status of users and send email reminders to non-compliant users asking them to download the Hitachi ID Bravura One App and register a mobile device to their profile. Include a link to the <i>Bravura Security Fabric</i> URL in these emails.
---------------	---

2 Solution

Hitachi ID Bravura One App allows for a convenient mobile package that a user can use to log into *Hitachi ID Bravura Security Fabric* and change their password.

Bravura Security Fabric can detect whether a user has a mobile device registered. If not, then emails can be sent reminding them to register a device, so that every user is capable of accessing the Hitachi ID Bravura One App to change their passwords when necessary.

With a device registered and the Hitachi ID Bravura One App installed onto the device then a user can log into their *Bravura Security Fabric* account from the device to change their password across all connected target systems.

3 Use case: Mobile device enrollment invitations via email

This use case shows you how to configure *Hitachi ID Bravura Security Fabric* to automatically detect users without enrolled mobile devices registered and send an email encouraging them to register.

Requirements


This use case assumes that:

- *Hitachi ID Bravura Security Fabric* and the *Hitachi ID Connector Pack* are installed.
- An Active Directory target has been configured.
- The email settings within *Bravura Security Fabric* have been configured.
- A mobile proxy server is running and its corresponding service within *Bravura Security Fabric* is configured.
- A target system has been added as a source of profiles with individual email addresses.

Create a batch notification

To create and configure a batch notification for mobile device enrollment:

1. Log in to *Bravura Security Fabric*.
2. Click **Manage the system** → **Policies** → **User notifications** → **Batch notifications**.
3. Click **Add new ...** to create a new batch notification..
4. Enter an ID and Description.
5. Leave **Severity** set to Info.
6. Select **Mobile enrollment** as the plug-in to determine compliance.

7. Click **Add**.
8. Click  next to **Global email plug-in**.
9. Enter an email subject and mail message; reminding the user to register a mobile device. For convenience, put the URL of the *Hitachi ID Bravura Security Fabric* instance as part of the message. You can use **Available variables** to personalize the message. For example:

Subject Reminder: Mobile device enrollment

Mail message Hello %USERID%

You have not yet enrolled a mobile device. Please do so at your earliest convenience.

<http://localhost/default/>

Thank you

%MGRID%

10. Click **Update**.
11. Click on the **Schedule** tab.
12. Configure the settings of the schedule as desired and then click **Add**.

Once the batch notification has been created and properly configured with a message and schedule, *Bravura Security Fabric* will automatically begin sending emails according to the set schedule.

It is also possible to send an email immediately using the **Run now** button on the notification's schedule tab.

4 Use case: Install the Hitachi ID Bravura One App and register a profile.

This use case shows you how to install the Hitachi ID Bravura One App on a mobile device, and then register a profile with the app.

Requirements

This use case assumes that:

- *Hitachi ID Bravura Security Fabric* and the *Hitachi ID Connector Pack* are installed.
- An Active Directory target has been configured.
- A Hitachi ID Bravura One mobile proxy server is running and its corresponding service within *Bravura Security Fabric* is configured.
- A target system has been added as a source of profiles with individual email addresses.
- The user is an end user intending to use the publicly released version of the Hitachi ID Bravura One App.
- User self-service rules within the instance have been set to allow mobile registration.

Download and install the Hitachi ID Bravura One App

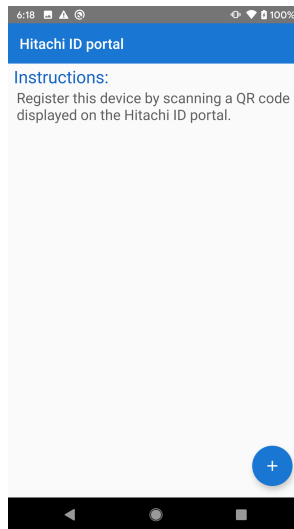
Before you install the Hitachi ID Bravura One App, ensure that your mobile device is compatible. The Hitachi ID Bravura One App is available for both Android (4.4 or higher) and iOS (9 or higher).

- Open the app store on your device, either the Google Play Store or the Apple Store as appropriate.
- Search for the Hitachi ID Bravura One App in the store using the search bar.
- Choose to install the application.

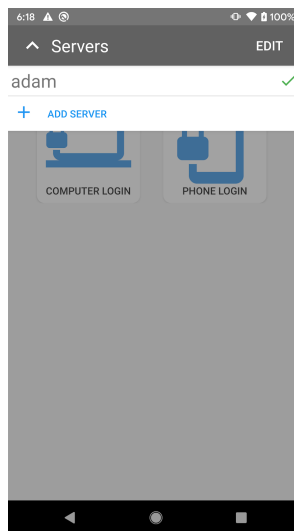
Register and active a mobile device

To add the first profile to your device:

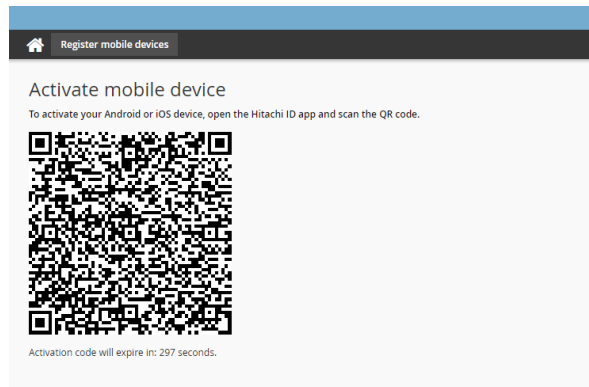
1. Log in to *Bravura Security Fabric* on a desktop browser as an end user.
2. Click the **Register mobile devices** link.
3. Click the **Register** button to display a QR code.
4. On your mobile device open the Hitachi ID Bravura One App.
5. Tap **SKIP INSTRUCTIONS** and then the + button on Android or the **Register Device** button on iOS.



6. In the case of a device that already has a profile saved, add a new profile:
 - (a) Tap the rocket icon.
 - (b) Select the profile name at the top left of the main screen to access the profile list.
 - (c) Select **ADD SERVER**.
 - (d) Tap the **+** button on Android or the **Register Device** button on iOS.



7. Tap **OK** to allow Hitachi ID Bravura One to access the camera.
8. Aim the device's camera at the unobstructed QR code being displayed on the desktop monitor.



9. Once the code has been recognized, tap **Save**.
 10. Enter a **Connection profile name** and tap **OK**.
 11. The Hitachi ID Bravura One mobile proxy communicates back to the Mobile Worker Service (mobile worker) on the *Bravura Security Fabric* instance and authenticates the activation code.
 12. The Hitachi ID Bravura One App passes in the userid of the registered user and opens the page for the user's available authentication methods to log in.
- You can also use the menu at the top left of the main screen to switch between profiles on the device.

5 Use case: Self-service password reset

This use case explains how to use the Hitachi ID Bravura One App to reset a user's password.

Requirements

This use case assumes that:

- *Hitachi ID Bravura Security Fabric* and the *Hitachi ID Connector Pack* are installed.
- An Active Directory target has been configured.
- A Hitachi ID Bravura One mobile proxy is running and its corresponding service within *Bravura Security Fabric* is configured.
- A target system has been added as a source of profiles with individual email addresses.
- A user has installed the Hitachi ID Bravura One App and registered a device to their profile.

To reset a user's password from the Hitachi ID Bravura One App

1. Open the Hitachi ID Bravura One App. The ID of the user who activated the mobile device is automatically passed in.
2. If there are multiple profiles registered to the device, tap the top left area and select the correct profile.

3. If needed, tap the rocket icon to access the main menu.
4. Select **Phone login** from the main menu.
5. If multiple authentication chains exist, select the desired authentication method from the choices presented.
6. Enter the authentication information as requested.
The main login page of the *Hitachi ID Bravura Security Fabric* instance is displayed, similar to what would be on a standard desktop browser.
7. Tap **Change passwords**.
8. Tap **Show [Password policy rules]** to view the password requirements.
9. Type a new password and confirm. Make sure the password chosen fulfills all requirements listed.
10. Tap **Change passwords**.
11. Turn your mobile device to landscape mode to view the entire **Results** table, including the **Password changed?** column. Any failed password changes will be queued and retried.

See also:

- The Hitachi ID Bravura One Configuration Guide for more information about the Hitachi ID Bravura One App.