TOSHIBA
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e-BRIDGE Role Manager V 1.14

Service Technician & Administrator Guide

e-BRIDGE

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SECURITY PRECAUTIONS

In order to correctly utilize the product's security features, be sure to take the following precautions. To avoid physical security problems such as hardware removal or inappropriate disassembly, please take appropriate security measures including monitoring persons entering and leaving the site.

When connecting this product with an outer network such as the Internet, make sure the network environment is protected by a firewall, and that communication occurs over secure channel (such as SSL) to prevent information from being leaked resulting from incorrect settings, and to avoid illegal access by unauthorized users.

To prevent the unauthorized change in configuration settings, make sure the default administrator password is changed before using this product. For further protection, the administrator password should be changed periodically.

e-BRIDGE Role Manager does not provide separate security controls; it leverages existing operating system and network security settings.

When exported Role Data to file with this software, the PIN code data which was entering or modification on user interface of this software be written to file without encode. To export the encoded PIN code data to file, please export to file by using TopAccess after deployed via the network to the MFP once.

When operating a computer in which this software is installed, be sure to install antivirus software to prevent a virus infecting the system. Basically, develop an antivirus countermeasure in accordance with the user's guidelines. The following actions are recommended in the system operation.
(1) Be sure to install virus detection software in the system and let it be operated all of the time.
(2) Be sure to upgrade virus detection data so that they are latest ones all of the time.
(3) It is recommended to perform virus detection for all data in the computer regularly.
(4) When a virus is detected, immediately physically disconnect the computer from the network and take an appropriate countermeasure to avoid secondary infection.

When the security patch is applied to the computer in which this software is installed, follow the user's guidelines.
Rebooting of the OS may be required when some security patches are applied. In this case, distribution of documents is not available during rebooting. Therefore, pay attention to the timing of the application.

Be sure to understand the security policy and its procedure in your organization, and manage and operate this software and external devices according to the policy after first reading the operator's manual. Then explain the security instructions to general users who are authorized to use this software to let them conform to the security rule.

Provide general users with the appropriate privilege of using this software and keep supervising its correct operation.

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CHAPTER 1
INTRODUCTION

INTRODUCTION

Intended Audience for this Document

This document is intended for the Toshiba Service Technician or company administrator in charge of managing Toshiba MFPs on the network. It is assumed that the administrator currently uses TopAccess to manage the MFPs and has administrator privileges on the MFP. The administrator must be familiar with exporting data from existing MFPs using TopAccess. The administrator will be required to provide the MFP Administrator passwords when deploying to the MFP on the network. This document also assumes the administrator is familiar with the type of data associated with MFP users, user attributes, MFP roles, and role attributes.

In addition to this document, please review the README, End User License Agreement, and Software License Information. These documents can be found in the **en-US folder** of the installed folder.

What is e-BRIDGE Role Manager?

e-BRIDGE Role Manager is a software that helps an administrator migrate MFP user data and role data from one Toshiba MFP to a networked fleet of Toshiba MFPs in a simplified manner. There are two types of data managed in e-BRIDGE Role Manager, user data and role data.

User data is all information associated with MFP User Name including the password, authentication type, quotas, as well as department, group, and role assignments. This data can be imported into e-BRIDGE Role Manager as well as created using e-BRIDGE Role Manager.

Role data is the set of role names and associated MFP permissions which can be assigned to users, groups, or LDAP Server entities. This data can be imported into e-BRIDGE Role Manager as well as created using e-BRIDGE Role Manager.

The most typical use of e-BRIDGE Role Manager is to port existing MFP data to a fleet of new MFPs. This workflow is illustrated in the final chapter in this document ***Real World Example – Porting Data from an existing MFP to an Upgraded MFP Environment.***

e-BRIDGE Role manager is also useful for adding new employee data or editing existing employee data to be deployed to a fleet of the MFPs.

e-BRIDGE Role Manager Installation

e-BRIDGE Role Manager is installed using e-BRIDGE Role Manager Setup Wizard. To begin installation, double click Setup.exe from e-BRIDGE Role Manager Installation media.

Minimum Hardware Requirement

- CPU:Pentium 4 , 2 GHz, 2.5 GHz recommended
- RAM: 2 GB, 4 GB recommended
- HDD: 40 GB
- Graphics card: SVGA-compatible, hardware support for DirectX 9.0 & Pixel Shader 2.0 is recommended

Minimum Software System Requirements

- ☐ Operating System
  - Windows 7 Professional/Enterprise/Ultimate SP1 x32 and x64
  - Microsoft Windows 8.1 Professional/Enterprise x32 and x64
  - Microsoft Windows 10 Pro/Enterprise x32 and x64
  - Windows Server 2008 Standard/Enterprise/Datacenter SP2 x32 and x64
  - Windows Server 2008 R2 Foundation/Standard/Datacenter/Enterprise x64
  - Windows Server 2012 Foundation/Standard/Datacenter/Essentials x64
  - Windows Server 2012 R2 Standard/Datacenter/Essentials x64
  - Windows Server 2016 Standard/Datacenter/Essentials x64

NOTE. INSTALLING THIS SOFTWARE IN AN OS IN WHICH USER ACCOUNT CONTROL IS ENABLED WHEN USER ACCOUNT CONTROL IS ENABLED, RIGHT-CLICK AND SELECT "RUN AS ADMINISTRATOR" TO PERFORM THE INSTALLER OF THIS SOFTWARE.

Target MFP Models

- e-STUDIO4540C Series
- e-STUDIO6550C Series
- e-STUDIO456 Series
- e-STUDIO856 Series
- e-STUDIO306LP
- e-STUDIO6570C Series
- e-STUDIO507 Series
- e-STUDIO857 Series
- e-STUDIO307LP
- e-STUDIO5055C Series
- e-STUDIO2550C Series SSD model
- e-STUDIO2550C Series HDD model

- e-STUDIO2551C Series
- e-STUDIO407CS Series
- e-STUDIO527S Series
- e-STUDIO5005AC Series
- e-STUDIO2500AC Series
- e-STUDIO5008A Series
- e-STUDIO7506AC Series
- e-STUDIO8508A Series
- e-STUDIO5008LP Series
- e-STUDIO5015AC Series
- e-STUDIO2510AC Series
- e-STUDIO5018A Series
- e-STUDIO7516AC Series
- e-STUDIO8518A Series
- GA-1211-EX
- GA-1310-EX

Please check with your Toshiba dealer to confirm that your Toshiba MFP model and firmware are compatible with e-BRIDGE Role Manager.

Installing Language and Culture-Specific version of e-BRIDGE Role Manager

To fully experience the language and culture-specific versions of e-BRIDGE Role Manager, you must do the following:

1. Install and use e-BRIDGE Role Manager on Microsoft Windows OS that has the respective language packs and Input Method Editors (IME) installed and enabled;

2. Install the appropriate Microsoft .NET Framework language pack from the link below *after* installing e-BRIDGE Role Manager.

Microsoft .NET Framework language packs can be downloaded from the following location. To download the language pack, first select the language and then press "Change" to switch to the specific download page.
http://www.microsoft.com/downloads/en/details.aspx?FamilyID=7A4C6414-7F64-47A5-AE20-218403137957

Upgrading from Previous Versions of e-BRIDGE Role Manager

If you are upgrading from a previous version of e-BRIDGE Role Manager, you must first uninstall the current version. You can uninstall the current version of e-BRIDGE Role Manager using Windows **Control Panel** option or by selecting the **Uninstall** option from e-BRIDGE Role Manager Setup program.

Uninstalling e-BRIDGE Role Manager

e-BRIDGE Role Manager can be uninstalled using the Setup.exe or through Windows Control Panel option. Uninstalling e-BRIDGE Role manager will not remove any of the project files from your system nor will it remove Microsoft .NET Framework.

CHAPTER 2
WORKING WITH PROJECTS

WORKING WITH PROJECTS

e-BRIDGE Role Manager application organizes your work by projects. When you launch e-BRIDGE Role Manager you will be prompted[1] to either create a new project or open an existing project. Unlike other project based software, e-BRIDGE Role Manager saves your data automatically and you will never have to explicitly save your project file. This worry free environment allows you to exit the application at anytime and return to your project later to continue working without the loss of data.

Steps to Start a New Project:

*When you launch **e-BRIDGE Role Manager**, select **New Project** from the Start Window*

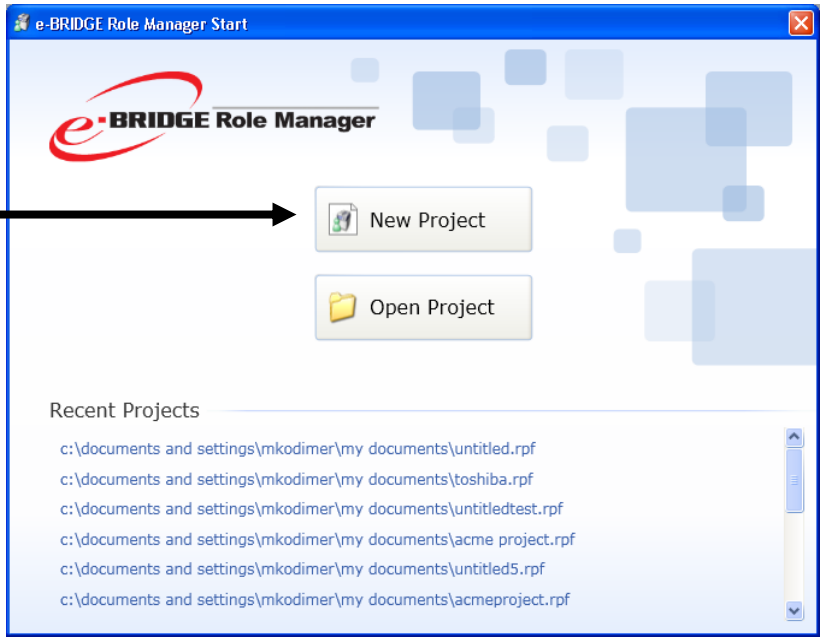


Figure 1. **Start Window**

[1] If this is the very first time you launch the e-BRIDGE Role Manager after installation, you will also be prompted to select a language. On certain non-English OS you may also need to restart the application in order to continue in that language.

From the New Project Dialog, Enter a Unique ***Project Name***

To change the location or path of the project, click the ***Select*** *Button*

Create a project file password to protect your project data.

Click the ***OK*** *button to continue and start work.*

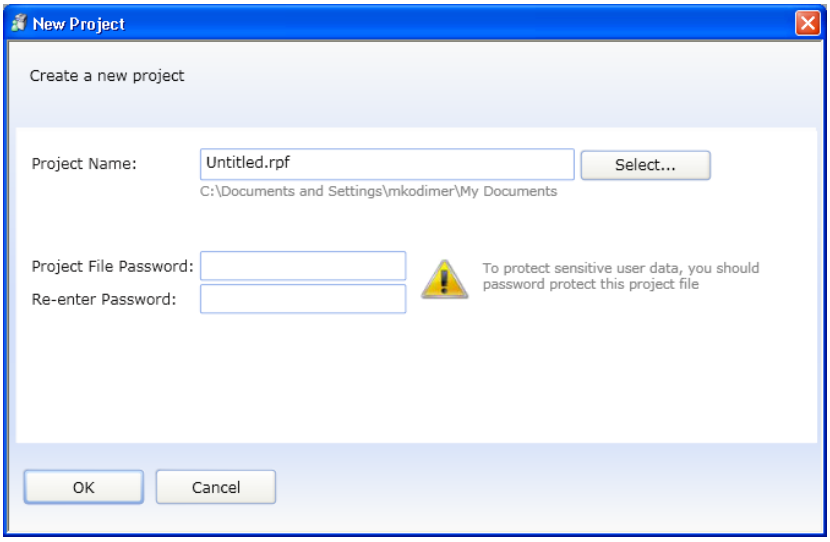


Figure 2. **New Project Dialog**

TIP

It is highly recommended that you create a password to be associated with the project file to protect sensitive data. Once created, you will be prompted to provide the password when opening the project in e-BRIDGE Role Manager.

e-BRIDGE Role Manager Layout

When you open a project, you will notice the tab layout used to organize e-BRIDGE Role Manager Functions. The Project Menu contains global project- based commands used to create a new project, open a project, save a project, import project data, and exit e-BRIDGE Role Manager.

User Management Tab. *Contains functions to create, edit, delete and sort Users and User Groups.*

Role Management Tab. *Contains functions to create, edit, delete and Set Default Roles and manage LDAP role mapping functions.*

Deployment Tab. *Contains functions to discover the MFP and deploy the Role data to the selected fleet.*

Settings Tab. *Contains functions to change the project password.*

ODCA Settings. *Contains settings to connect with the MFP while importing and deploying*

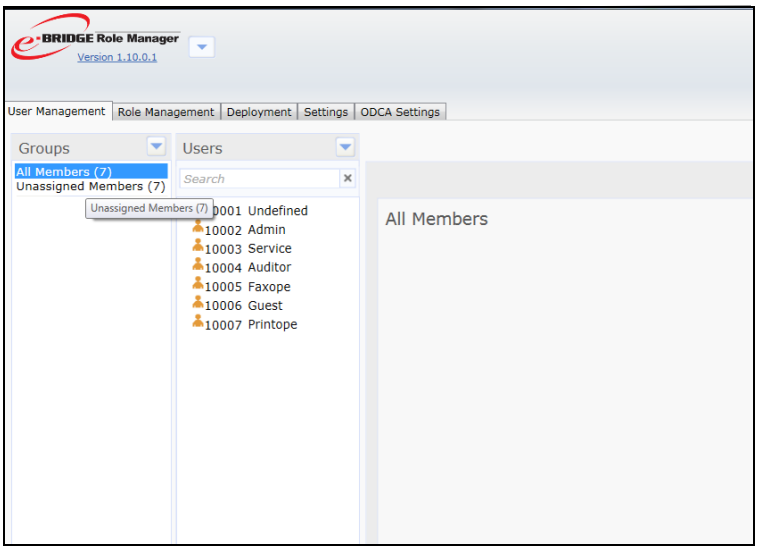


Figure 3. **e-BRIDGE Role Manager Tab Layout**

e-BRIDGE Role Manager Project Menu

e-BRIDGE Role Manager shall not encrypt the PinCode while exporting to XML file.

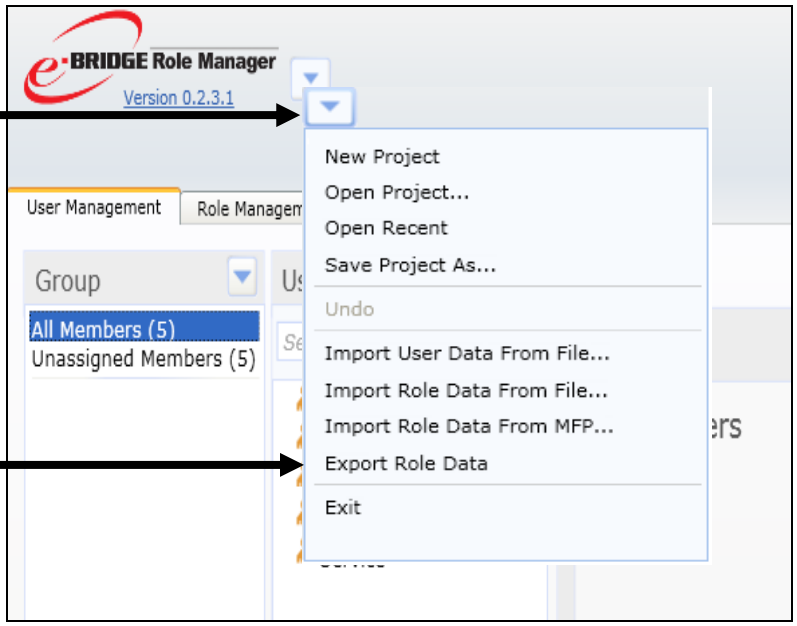


Figure 4. **e-BRIDGE Role Manager Project Menu**

NOTE.

- THE XML FILE EXPORTED FROM E-BRIDGE ROLE MANAGER CAN ONLY BE IMPORTED VIA TOP ACCESS IN TO THE TARGET MFP.
- THE XML FILE EXPORTED FROM E-BRIDGE ROLE MANAGER CANNOT BE IMPORTED BACK IN TO E-BRIDGE ROLE MANAGER USING IMPORT ROLE DATA FROM FILE OPTION.
- PLEASE USE THE IMPORT FUNCTION OF TOPACCESS FOR IMPORTING TO MFP.

CHAPTER 3
IMPORTING Role DATA

IMPORTING ROLE DATA

Once you have created a project, the next step is to import existing role and user data. There are two ways to import data into e-BRIDGE Role Manager; directly from the MFP (Network Import) or by importing a data file that has been previously exported from the MFP (File Import). The method you can use partly depends on the model of the MFP you want to import from.

Network Import is available if importing from the following MFP Models:

- e-STUDIO4540C Series
- e-STUDIO6550C Series
- e-STUDIO456 Series
- e-STUDIO856 Series
- e-STUDIO306LP
- e-STUDIO6570C Series
- e-STUDIO507 Series
- e-STUDIO857 Series
- e-STUDIO307LP
- e-STUDIO5055C Series
- e-STUDIO2550C Series SSD model
- e-STUDIO2550C Series HDD model
- e-STUDIO2551C Series
- e-STUDIO407CS Series
- e-STUDIO527S Series
- e-STUDIO5005AC Series

- e-STUDIO2500AC Series
- e-STUDIO5008A Series
- e-STUDIO7506AC Series
- e-STUDIO8508A Series
- e-STUDIO5008LP Series
- e-STUDIO5015AC Series
- e-STUDIO2510AC Series
- e-STUDIO5018A Series
- e-STUDIO7516AC Series
- e-STUDIO8518A Series
- GA-1211-EX
- GA-1310-EX

Importing Data Directly from the MFP (Network Import)

If you are importing e-BRIDGE Role Manager Data from the MFP, you can use the network import method. With this method, you can point to the MFP on the network to import the data directly. This operation will import *both* user data and role data simultaneously.

Steps to import Role data from a MFP:

From the e-BRIDGE Role Manager Project Menu, select the ***Import Role Data From MFP*** *menu item.*

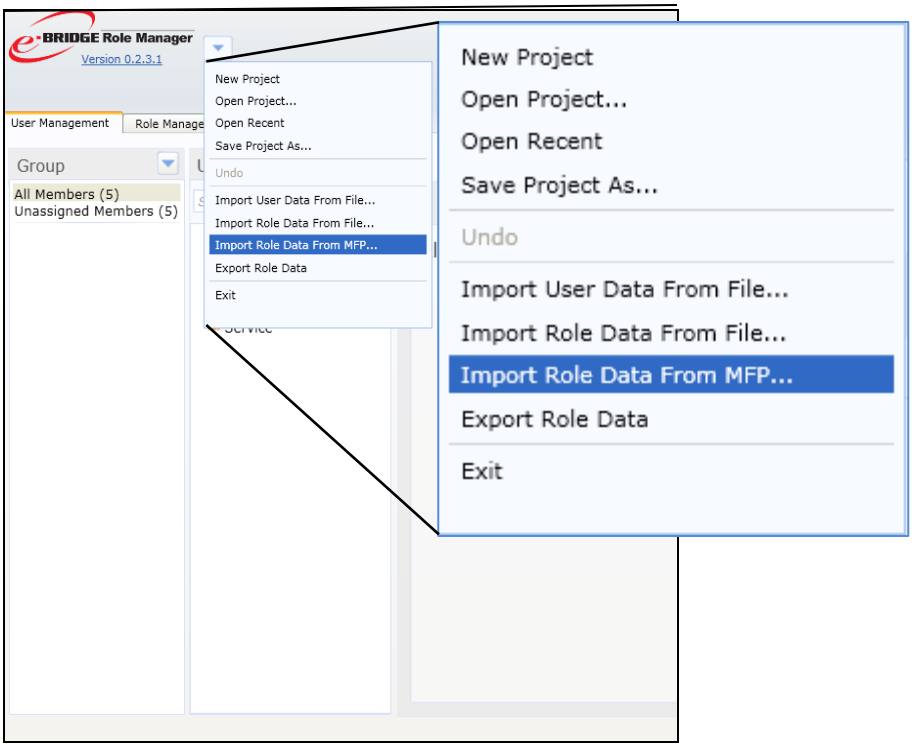


Figure 5. **Import Role Data From MFP Menu**

Enter the MFP Name or IP Range and click the search button.

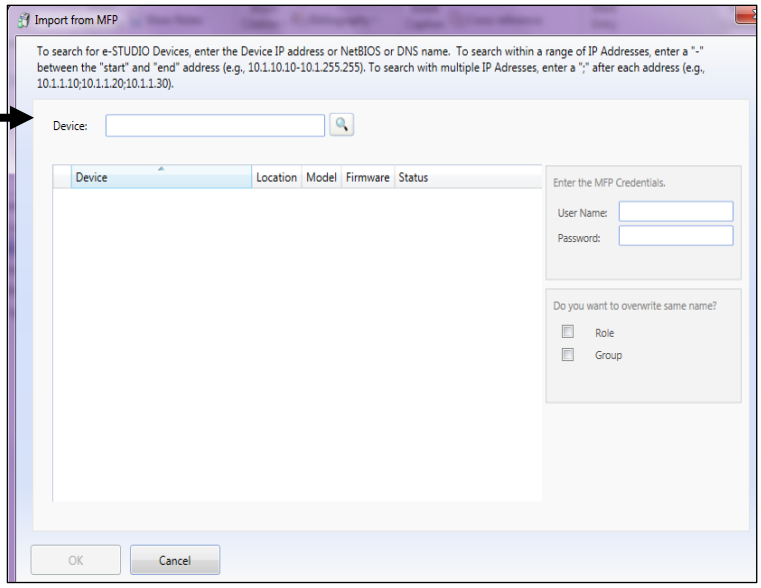


Figure 6. **Import from MFP Dialog**

NOTE.

- TO SEARCH WITHIN A RANGE OF IP ADDRESSES, ENTER A '- 'BETWEEN THE "START" AND "END" ADDRESS (E.G.: 10.1.10.10-10.1.255.255).
- TO SEARCH WITH MULTIPLE IP ADDRESSES, ENTER A "**;**"(SEMI-COLON) AFTER EACH ADDRESS (E.G.: 10.1.10.10**;**10.1.255.255).

Select the MFP from which you want to import.

*Enter the Administrator **User Name** and **Password** corresponding to the selected MFP.*

*Check the **Role or Group checkboxes** for overwriting Role or Group data in case of same name.*

*Click the **OK** button to begin data import.*

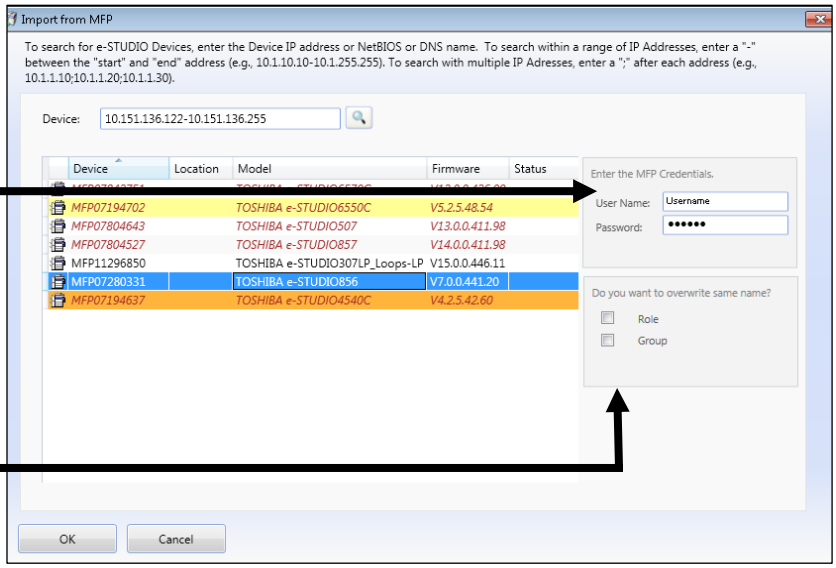


Figure 7. **Import from MFP Dialog –Selecting MFP**

Importing Data from a File

If you are importing Role data using the File Import method, you must import two files, one that contains the *role data* (Role Data or Role + User + Group Data) and one that contains the *user data (User Data)*. These files must have been first exported from the MFP via TopAccess. When importing data files, ***you must first import Role Data before you import User Data. Failing to import in the correct order will result in import errors.***

File Content	Data File exported from TopAccess	File Format
Role Data	Contains role data including mappings to LDAP server if any exist.	XML
User Data	Contains all of the user properties	CSV
Role + User + Group Data	Contains role data, user properties and group data	XML
LDAP Role Mapping	Contains LDAP server mappings	XML

Following table shows the supported File Content by e-BRIDGE Role Manager for various MFP Models

MFP Models	User Data (CSV)	Role Data (XML)	Role + User + Group (XML)	LDAP Role Mapping (XML)
e-STUDIO4540C Series	✓	×	✓	✓
e-STUDIO6550C Series	✓	×	✓	✓
e-STUDIO456 Series	✓	×	✓	✓
e-STUDIO856 Series	✓	×	✓	✓
e-STUDIO306LP	✓	×	✓	✓
e-STUDIO6570C Series	✓	×	✓	✓
e-STUDIO507 Series	✓	×	✓	✓
e-STUDIO857 Series	✓	×	✓	✓
e-STUDIO307LP	✓	×	✓	✓
e-STUDIO5055C Series	✓	×	✓	✓
e-STUDIO2550C Series SSD model	✓	×	✓	✓
e-STUDIO2550C Series HDD model	✓	×	✓	✓
e-STUDIO 2551C Series	✓	×	✓	✓
e-STUDIO407CS Series	✓	×	✓	✓
e-STUDIO527S Series	✓	×	✓	✓
e-STUDIO5005AC Series	✓	×	✓	✓
e-STUDIO2500AC Series	✓	×	✓	✓
e-STUDIO5008A Series	✓	×	✓	✓
e-STUDIO7506AC Series	✓	×	✓	✓
e-STUDIO8508A Series	✓	×	✓	✓
e-STUDIO5008LP Series	✓	×	✓	✓
e-STUDIO5015AC Series	✓	×	✓	✓
e-STUDIO2510AC Series	✓	×	✓	✓
e-STUDIO5018A Series	✓	×	✓	✓
e-STUDIO7516AC Series	✓	×	✓	✓

e-STUDIO8518A Series	✓	×	✓	✓
All other Models	✓	✓	×	×

× - Not applicable in this model of MFPs

✓ - Supported in this model of MFPs

Steps to Import Role Data from a File:

Select the ***Import Role Data From File…*** *menu item to invoke the Windows File Open dialog.*

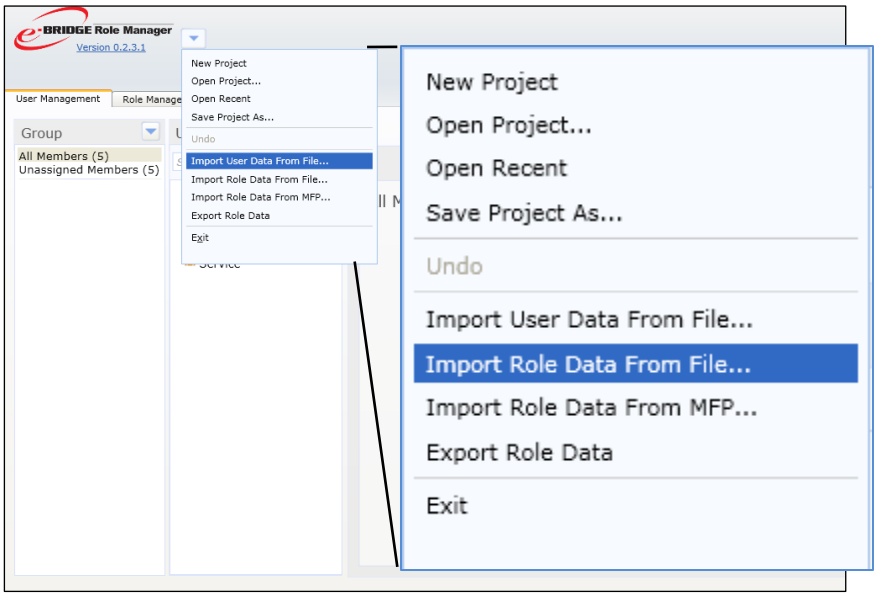


Figure 8. **Import Role Data From File Menu Item**

From the File Open dialog, select the .xml file containing the role data previously exported from TopAccess.

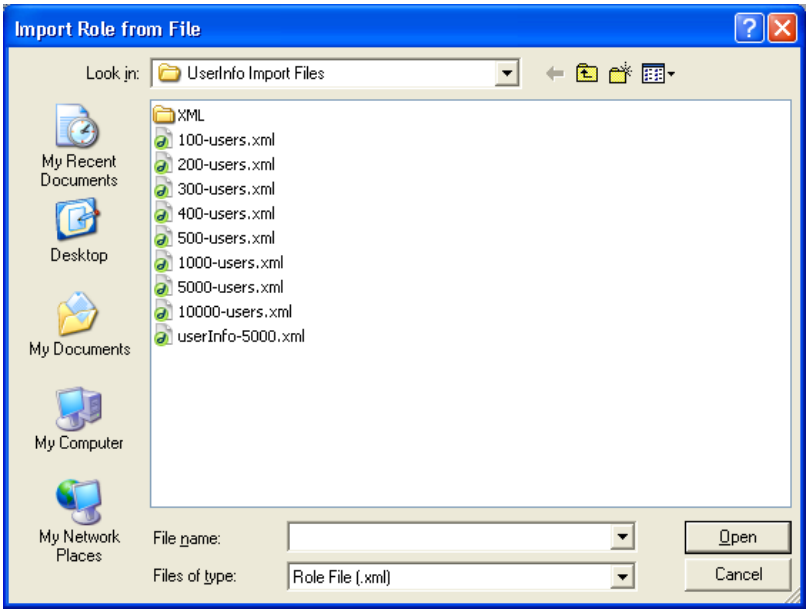


Figure 9. **File Open Dialog for Role Data (xml file)**

*Check the **Role or Group checkboxes** to overwrite each data if same name.*

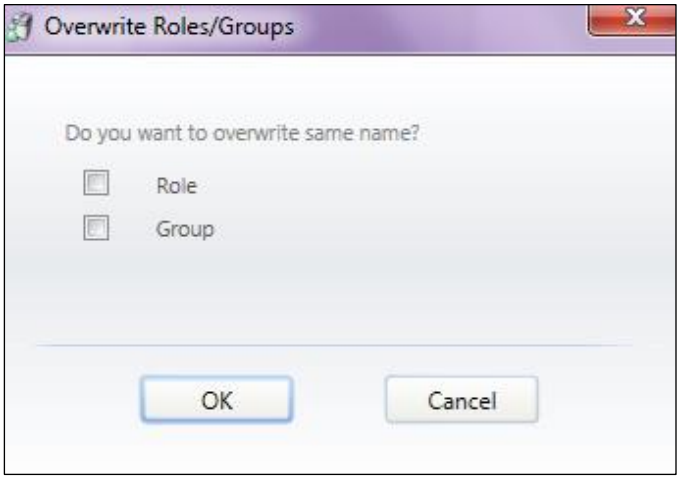


Figure 10. **Overwrite Roles/Groups window**

For e-STUDIO4540C, e-STUDIO6550C, e-STUDIO2550C/2551C, MFP Models,
After importing the Role + User + Group data file, a popup will be shown for importing LDAP Role Mapping file.

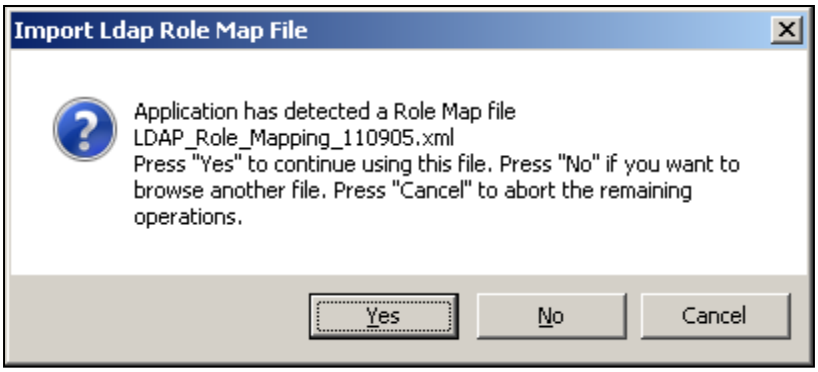


Figure 11. **LDAP Role Map File Import Confirmation Popup**

Steps to import User Data from a File:

From the e-BRIDGE Role Manager Project Menu, select the ***Import User Data From File…*** *menu item to invoke the Windows File Open dialog.*

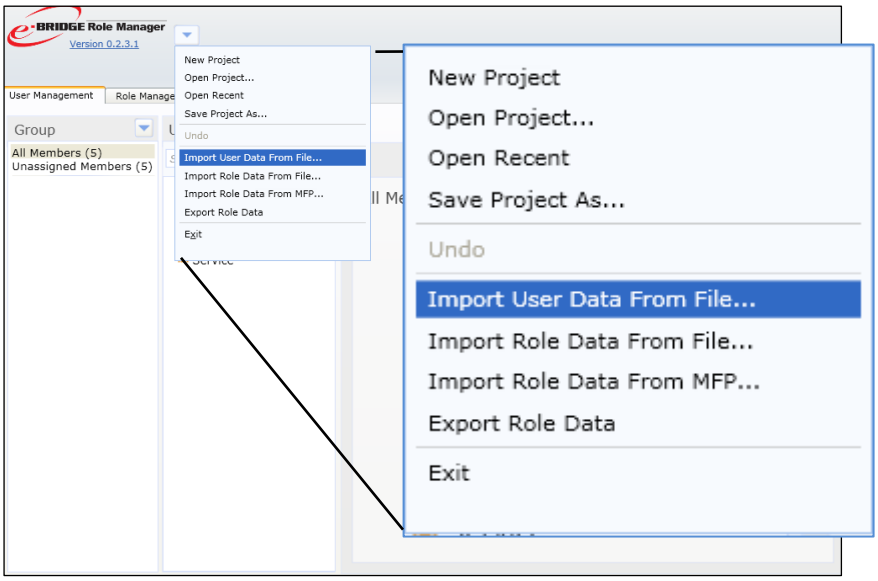


Figure 12. **Import User Data From File Menu**

From the File Open dialog, select the .csv file containing the user data previously exported from TopAccess.

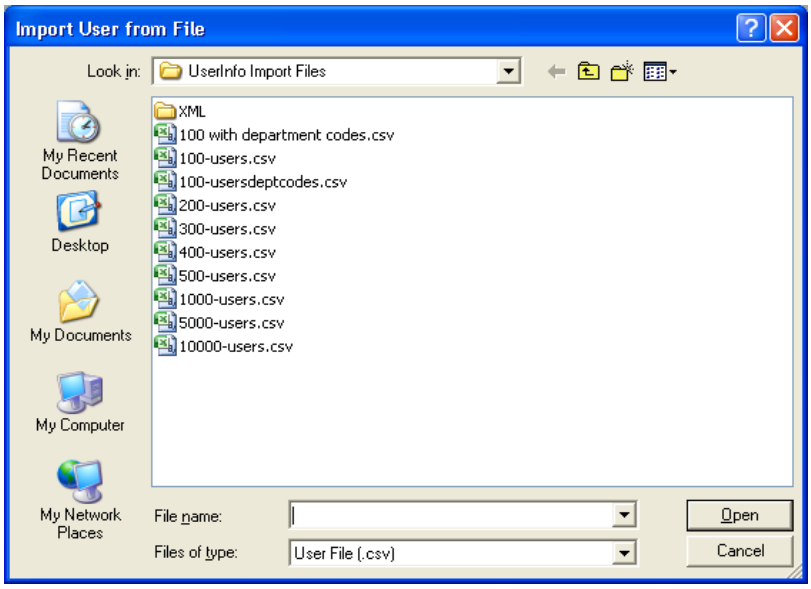


Figure 13. **Import User Data from File File Open Dialog**

Select an encoding for importing the CSV File. For E.g. If the CSV file contains user name with European special characters select "Western Europe" or "Eastern Europe" encoding.

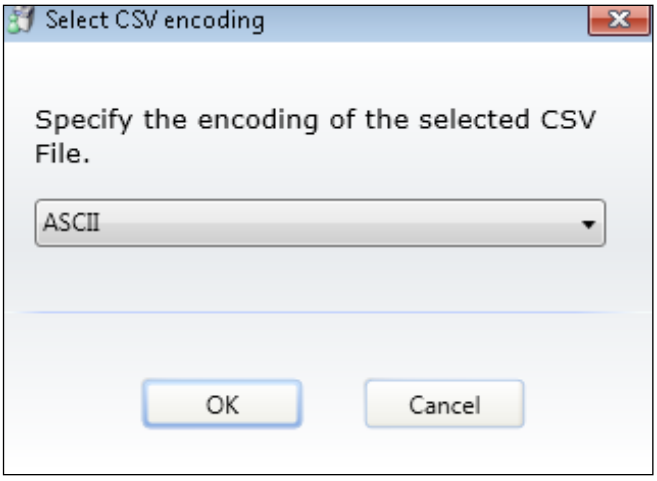


Figure 14. **Select CSV Encoding**

NOTE. IF WRONG ENCODING IS SELECTED WHILE IMPORTING THE CSV FILE, THE IMPORTED DATA MAY BE INVALID OR CORRUPT. PLEASE IMPORT AGAIN BY SELECTING CORRECT ENCODING.

CHAPTER
4
EDITING Role DATA

EDITING ROLE DATA

The e-BRIDGE Role Manager application represents data in terms of Users, Groups, and Roles, all of which are displayed in lists. Users, Groups, and Roles, can all be created, sorted and deleted using the associated menu.

User Management

The **User Management** Tab contains the list of MFP Users and Groups and their corresponding editable properties. The User Menu allows you to complete user-specific tasks and the Group Menu allows you to complete group-specific tasks.

Default Users and Groups

There are two default Groups in the Group list that cannot be deleted: **All Members** and **Unassigned Members**. All Members contains the complete list of Users regardless of Group membership. Unassigned Members contains the list of Users who are not assigned to any Group; this helps determine those users that are 'left over' when assigning Group membership.

e-BRIDGE Role Manager contains the default Users that cannot be deleted. The following properties of a default User *cannot* be edited.

- User Name
- Authentication Method (Local)
- Role Assignments
- Group Assignments.

The User Management Tab

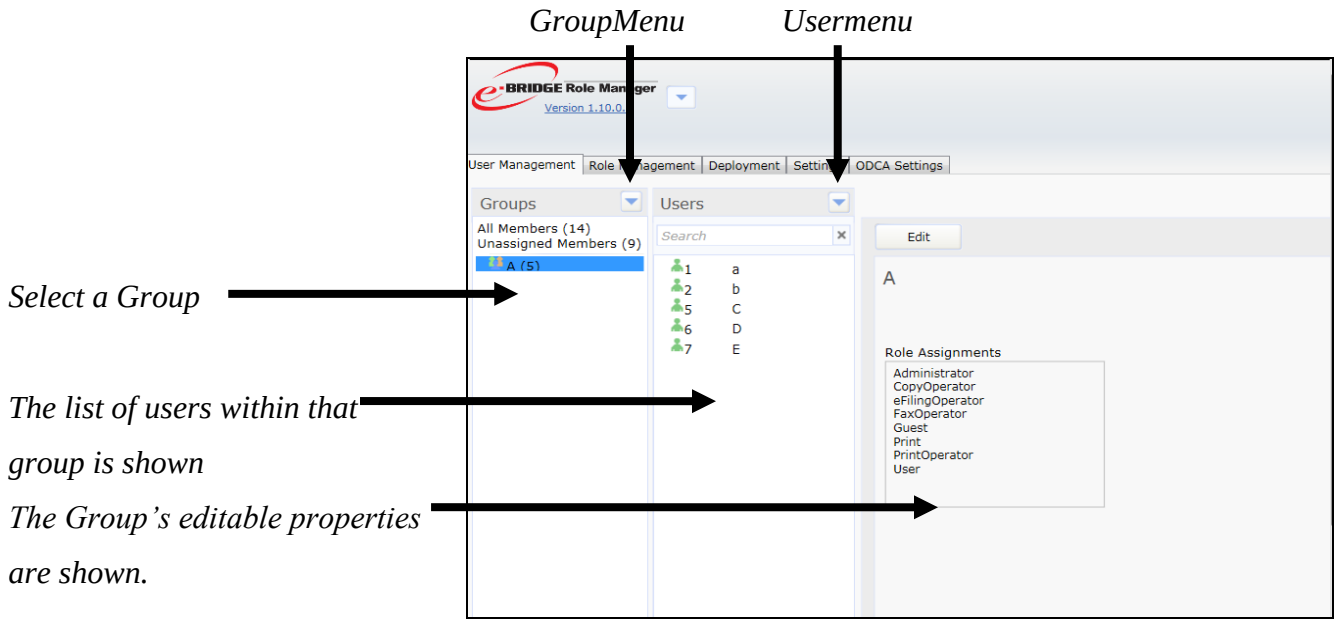


Figure 15. **User Management Tab with Selected Group**

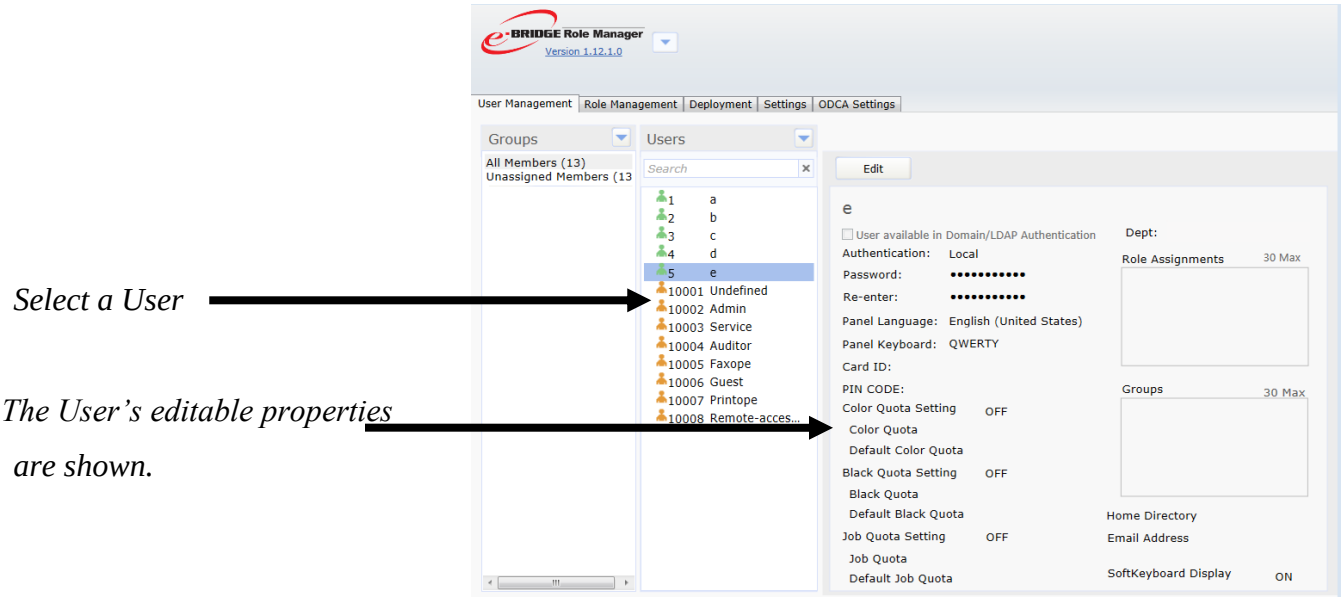


Figure 16. **User Management Tab with Selected User**

Role Management

The **Role Management Tab** contains the list of MFP Roles and their corresponding editable properties. The Role Menu allows you to complete role-specific tasks.

Default Roles

e-BRIDGE Role Manager contains 14 default Roles that cannot be deleted. You cannot edit the permissions associated with a default Role.

The Role Management Tab

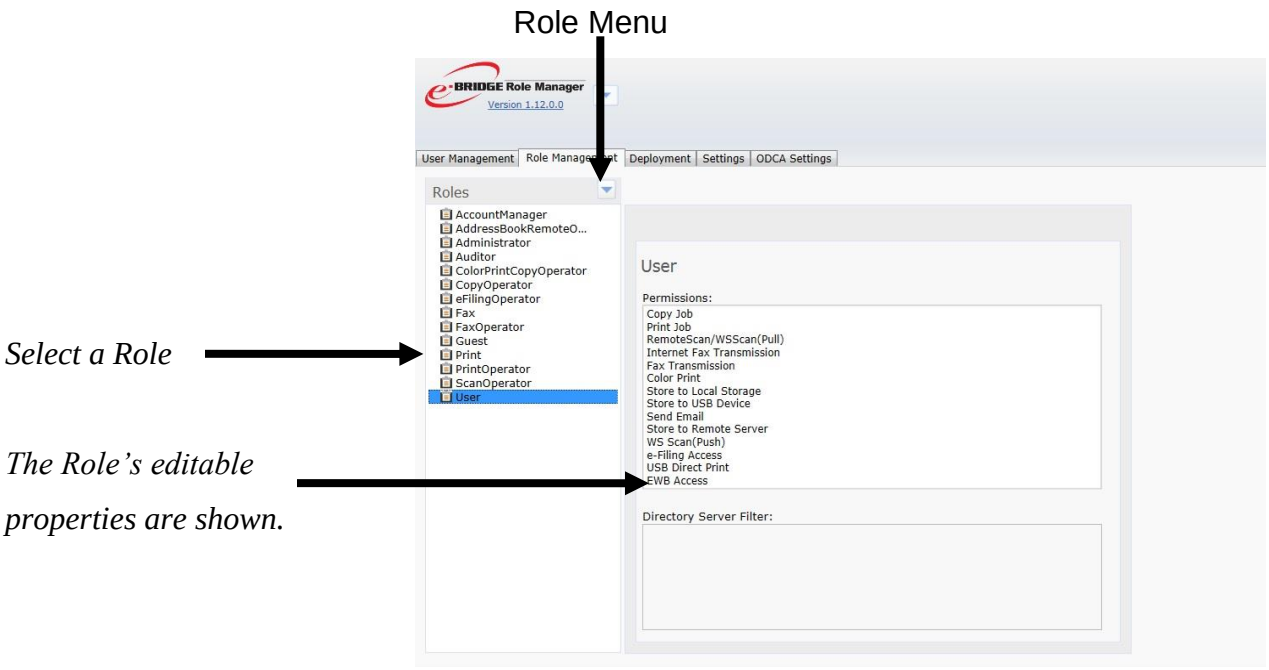


Figure 17. **Role Management Tab with Selected Role**

Creating and Editing Users

Though you will likely import your initial user list (see Importing Users), e-BRIDGE Role Manager provides an easy way of creating new users and editing existing user's properties.

Steps to create a New User:

Select ***New User*** *from the Users Menu to invoke the New User Edit Panel*

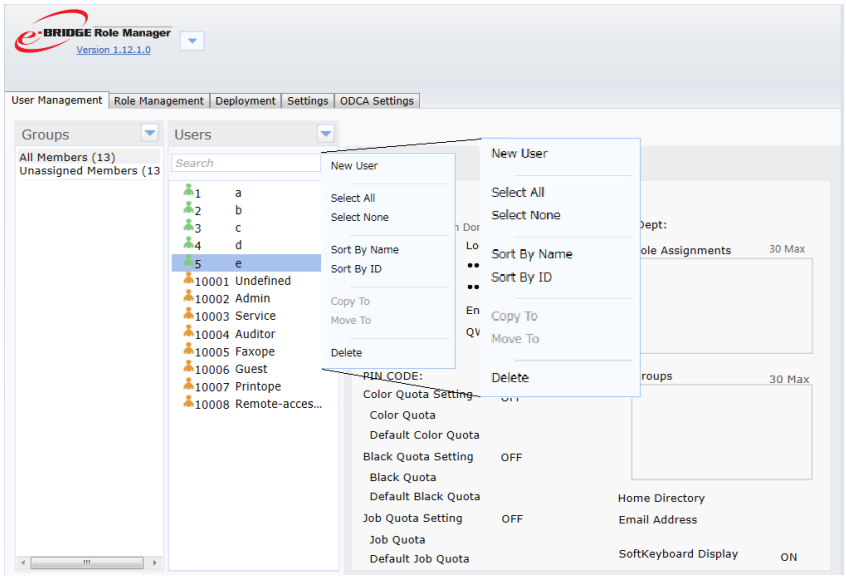


Figure 18. **New User Menu Item**

When creating a new user, a popup will be displayed with a textbox showing an auto generated User ID. This User ID can also be edited. The ID given in this window will be set as the User ID for the newly created user.

Numeric character up to 10,000 can only be entered for User ID.

Figure 19. **Popup for UserID**

Enter the required information (User Name and Password are the only required items) to create a New User

*Click the **Save** button to close the Edit Panel.*

Please enter characters into the input fields which are supported by the MFP in use.

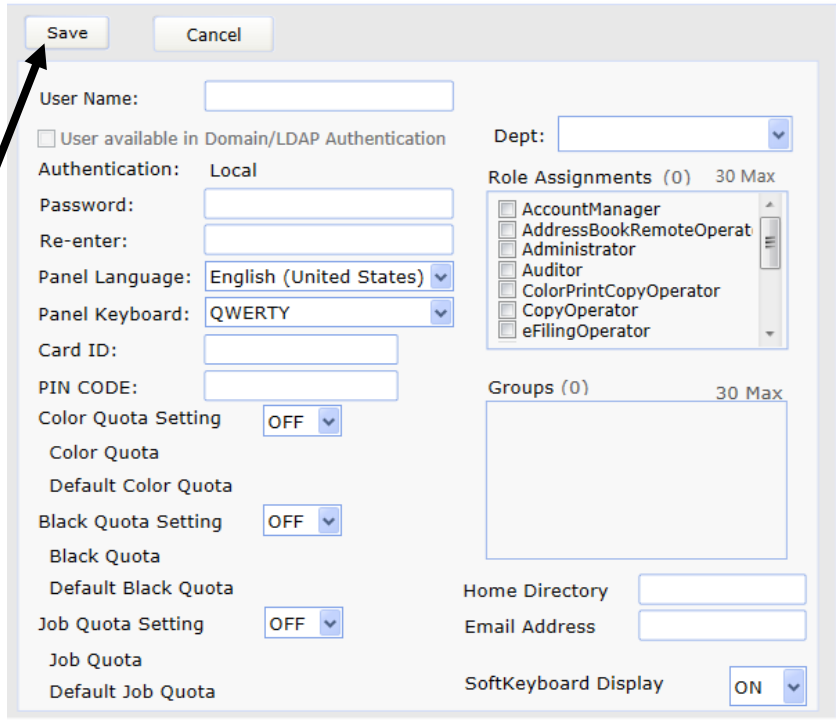
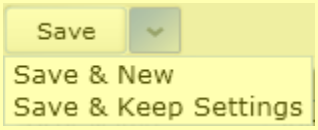


Figure 20. **New User Panel**

TIP

If you are going to be creating a lot of users, select the Save button dropdown option of **Save & New** or **Save & New Keep Settings**



- **Save**. The save button will save the newly created User and close User Edit Panel.
- **Save & New.** The Save & New option does not close the User Edit Panel. Rather, it saves the information entered and clears the fields so that you can create another new user.
- **Save & New Keep Settings.** The Save & New Keep Settings option does not close the User Edit Panel. It saves the information entered and clears only the User Name and Password fields so that you can create another new user with the same default properties as the one previously created. This saves editing time if you want to create a lot of users with the same permissions and group affiliation.

Steps to Edit an Existing User:

*From the User list, select the User you want to edit and click the **Edit** button to invoke the User Edit Panel*

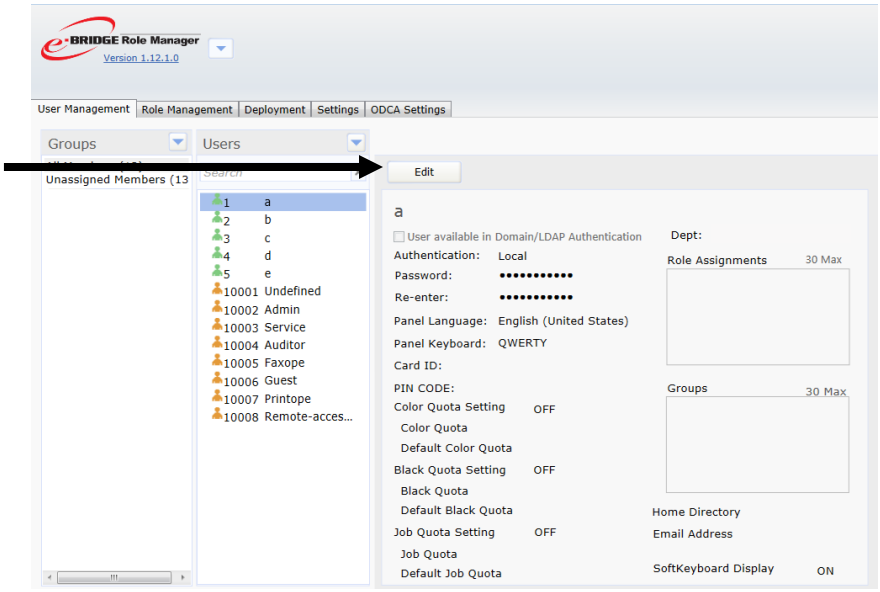


Figure 21. **User Properties**

Change any of the editable properties.
*Click the **Save** button to save the changes and close the Edit Panel.*

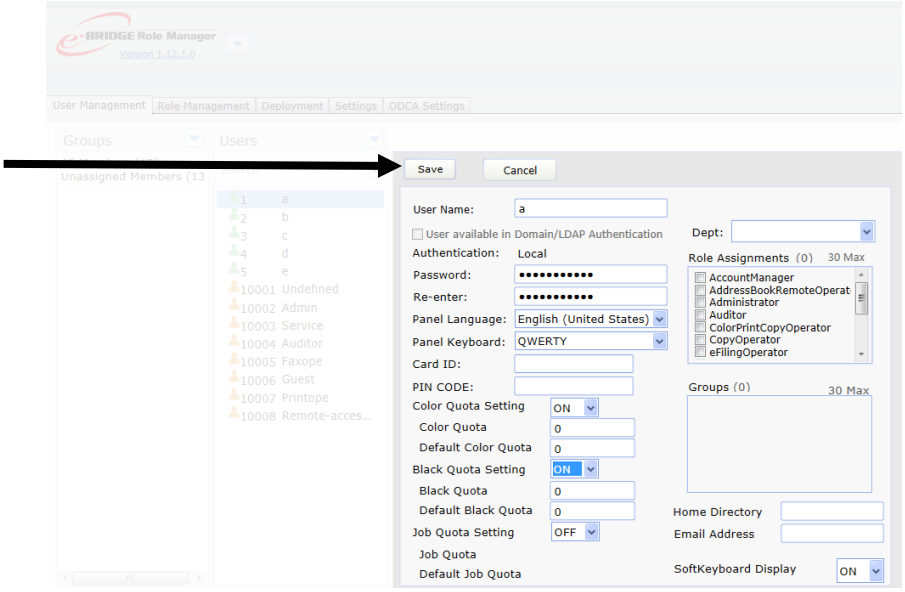


Figure 22. **User Properties Panel in Edit Mode**

Steps to sort Users:

Sorting Users

By default users are sorted with ID ascending. Option for sorting the users both with ID and Name is available.

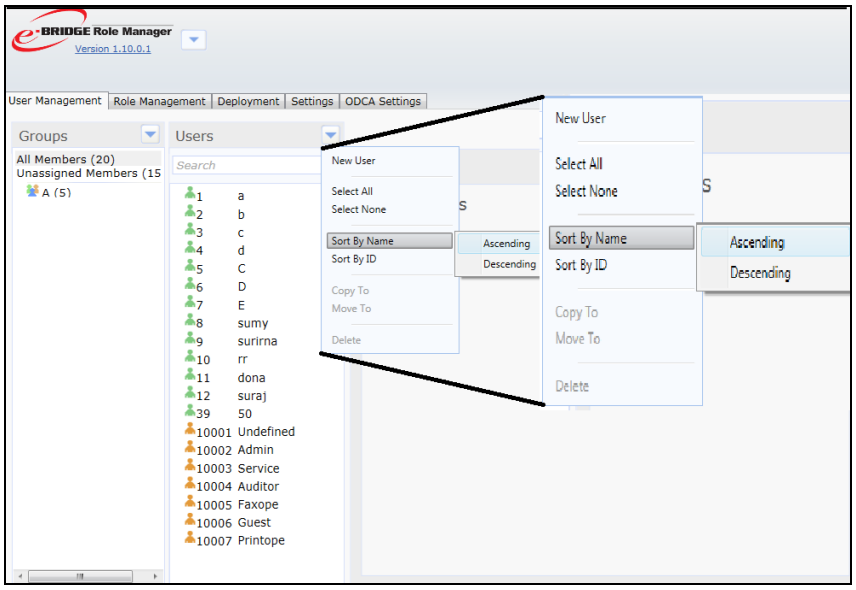


Figure 23. **Sorting of Users**

Creating and Editing Groups

Groups serve as containers to help to organize users. Up to 30 groups can be created.

Steps to Create a New Group:

*Select **New Group** from the Group Menu.*

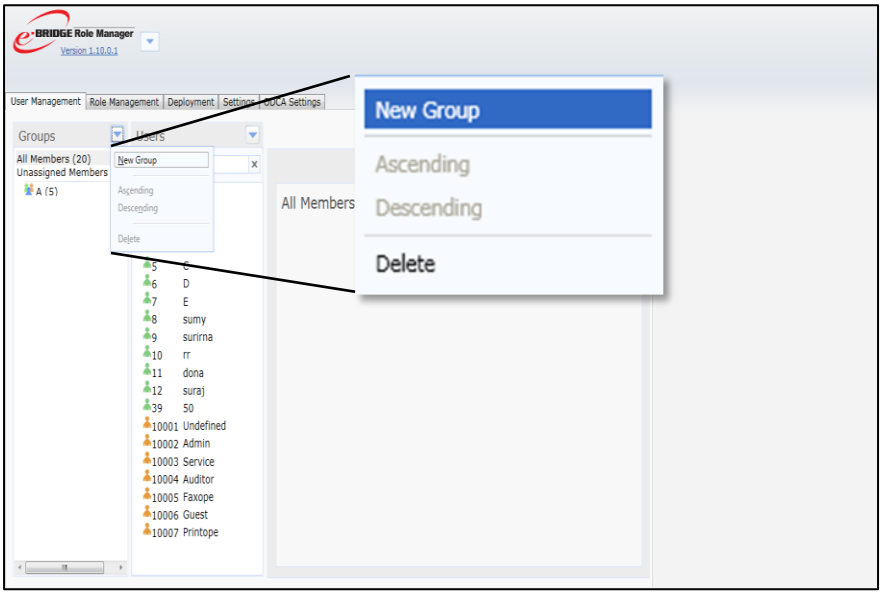


Figure 24. **New Group Menu item**

*Enter a **Group Name***

Select the roles you want to assign to the group's members.

*Click the **Save** Button to close the Edit Panel and save the group information.*

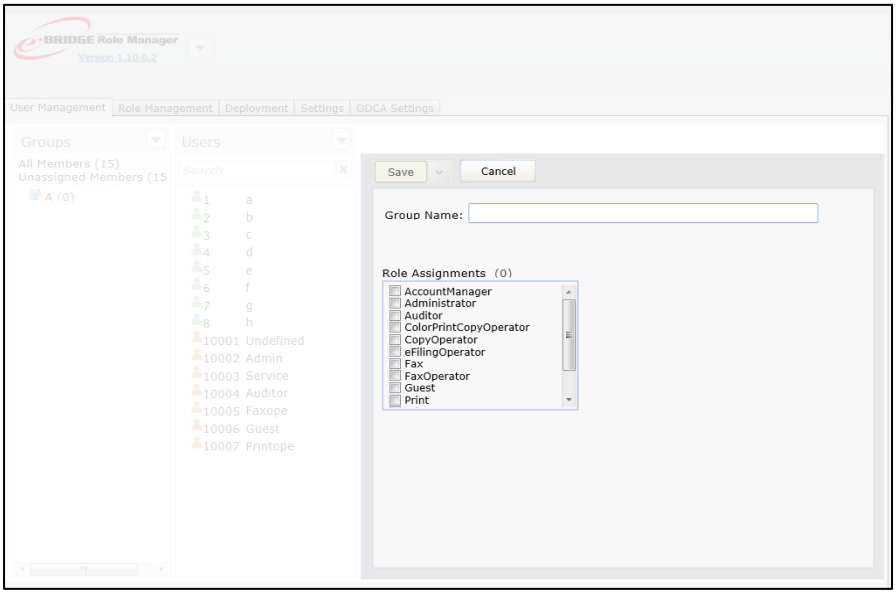


Figure 25. **New Group Panel**

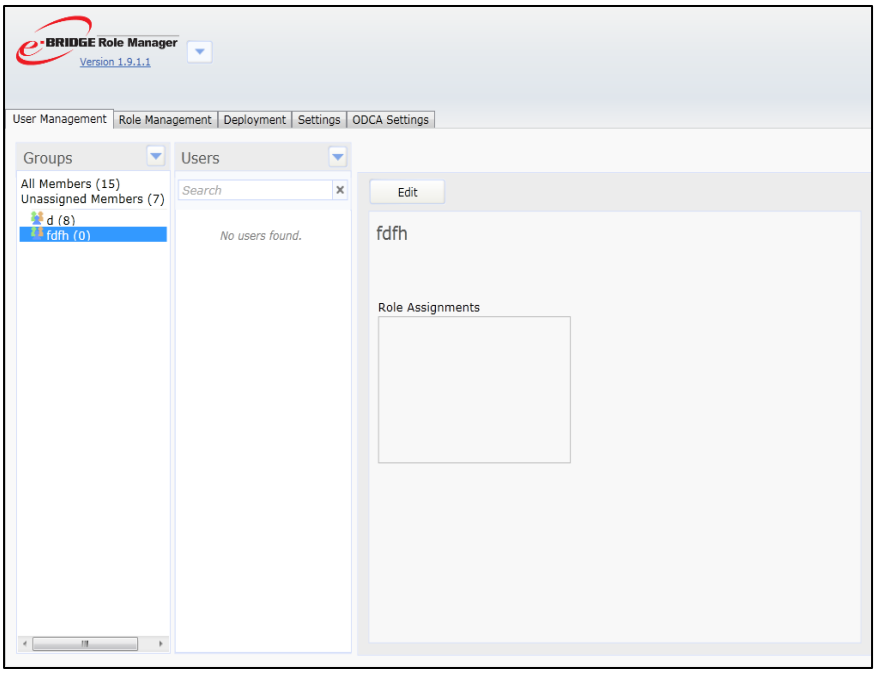


Figure 26. **Group Properties**

TIP

You'll notice that by default, the newly created group does not contain any users.

Steps to Move Users from One Group into Another:

Select the User(s) that you want to move.

*Click the **Move To** item from the Users Menu.*

Select the target group in the menu. The selected users will be moved to the target group.

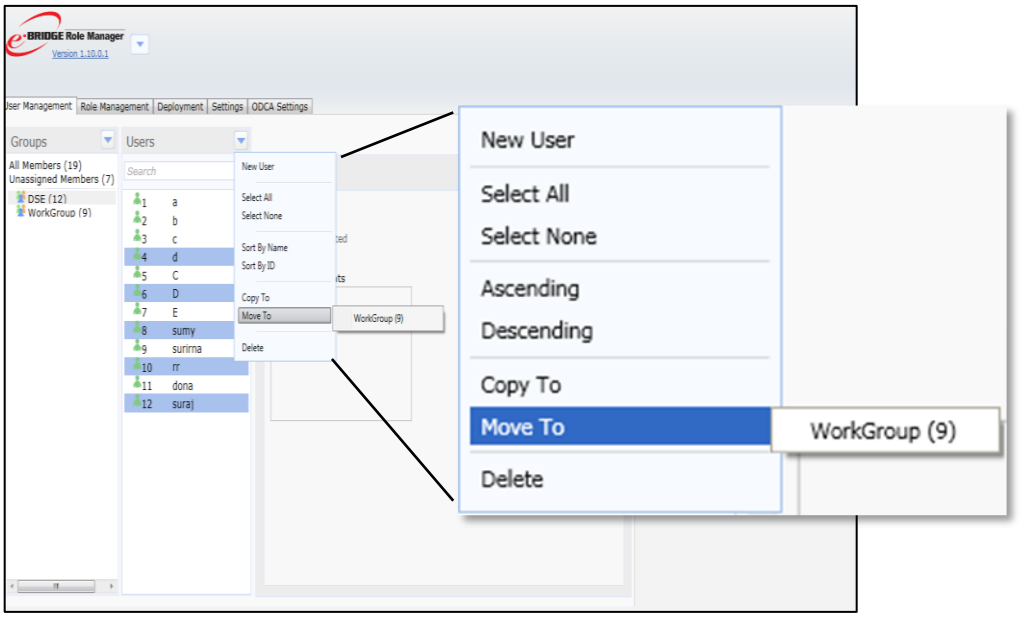


Figure 27. **Move To Menu**

Users can belong to 30 groups. If a user is already a member of 30 groups, the Move To menu will be disabled. You can assign additional group membership by first removing the user from one of its groups.

NOTE. YOU CAN ALSO CHANGE GROUP MEMBERSHIP FROM THE USER PROPERTIES PANEL IN THE **USER MANAGEMENT TAB.**

Steps to Edit an Existing Group:

*From the Group list, select the group you want to edit and click the **Edit** button to invoke the Group Edit Panel.*

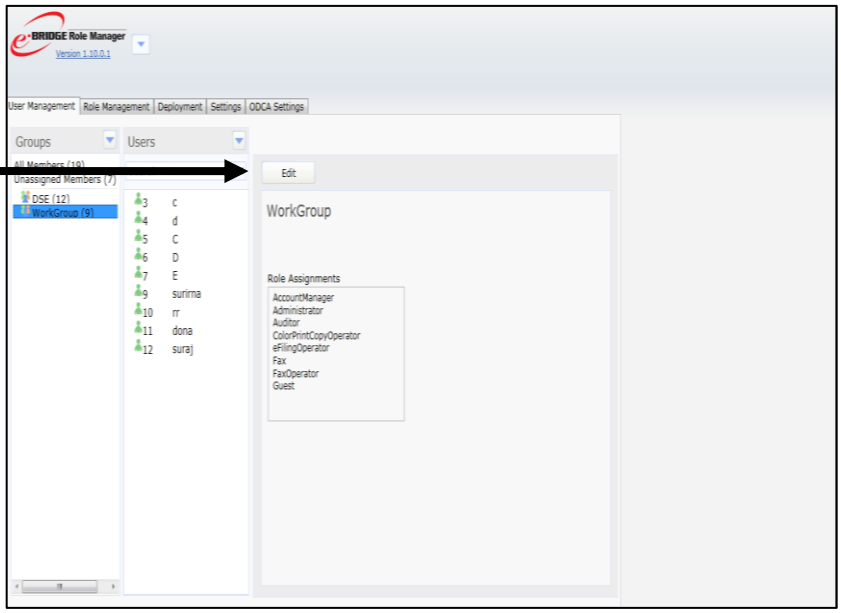


Figure 28. **Group Properties**

Change the Group Name or check/uncheck Role Assignments.
*Click the **Save** button to save the changes close the Edit Panel.*

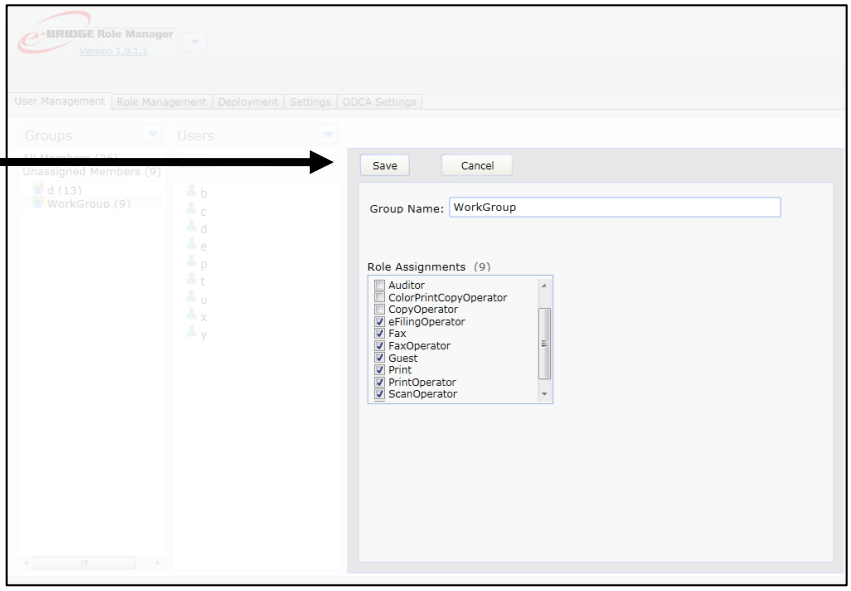


Figure 29. **Group Properties Panel in Edit Mode**

Creating and Editing Roles

A Role is a group of permissions that can be associated with a user, a group, or an LDAP Entity. You can map both initial roles and user-defined roles to entities on you LDAP server.

There is always one and only one **Default Role** in e-BRIDGE Role Manager. The Default Role is the role that is assigned to all users who do not have a role explicitly assigned to them. The initial role is the **User** role.

Steps to Create a New Role:

*Select **New Role** from the Role Menu.*

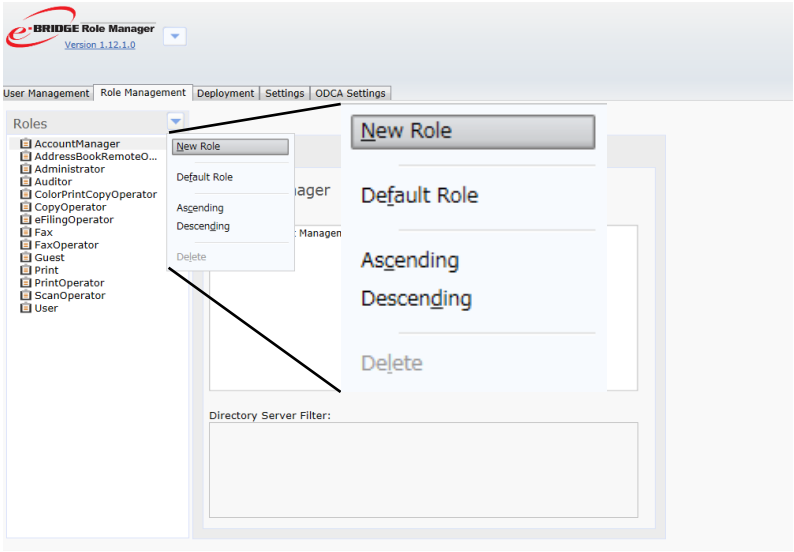


Figure 30. **New Role Menu**

*Enter **Role Name** and select the appropriate permissions.*

*Select a role from the **Based on** dropdown to preselect a list of permissions.*

*Click **Save** to close the Edit Panel.*

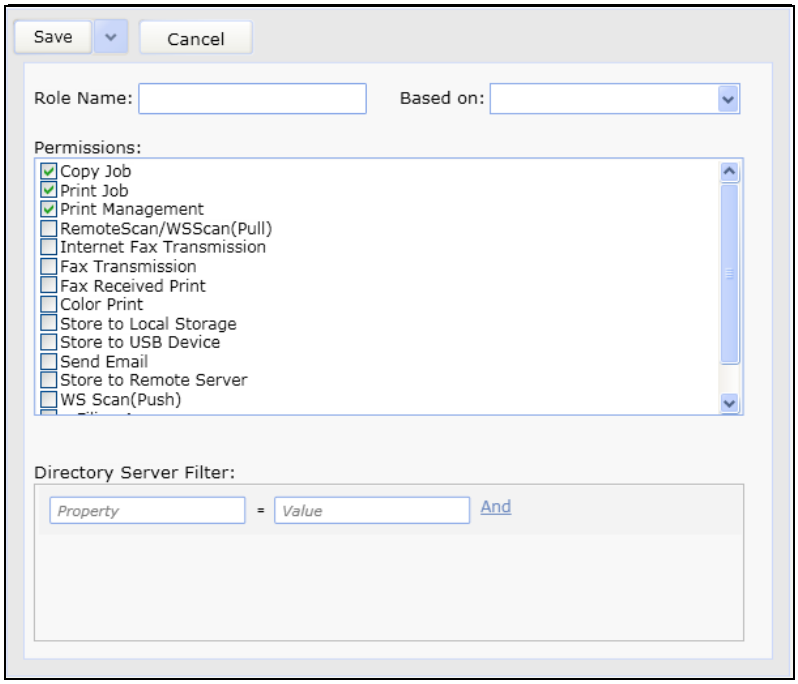


Figure 31. **New Role Panel**

Steps to Edit an Existing Role:

Select the role from the role list that you want to edit and click the ***Edit*** *button to invoke the Edit Panel.*

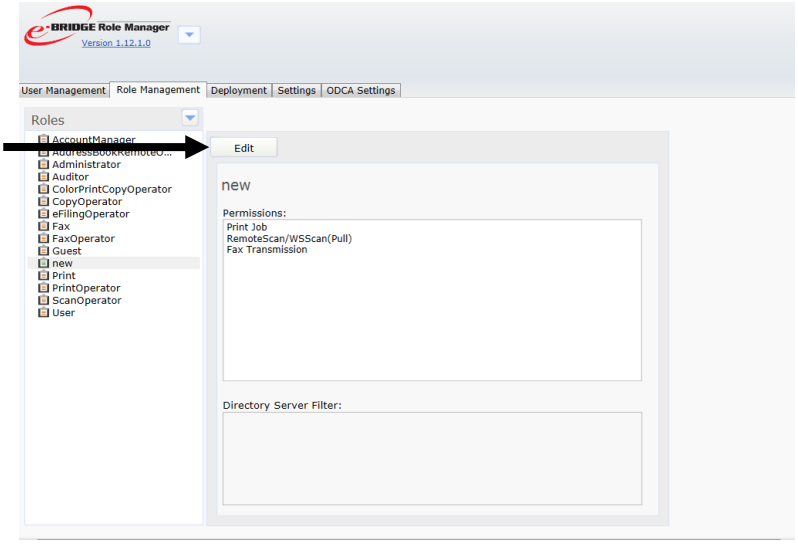


Figure 32. **Role Edit Button**

Check or Uncheck from the Permissions list and click the ***Save*** *button to close the Edit Panel.*

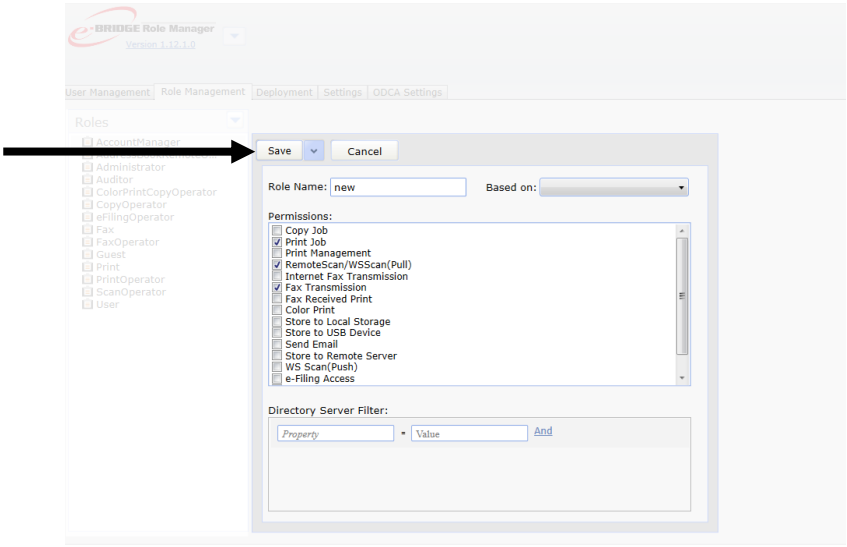


Figure 33. **Role Save Button**

Steps to Map Roles to Directory Server Entities:

You can map a role to LDAP entities at the time you are creating a role or when you are editing a role.

Select the role in the Role list that you want to map to an LDAP entity.

*From the **Directory Server Filter** section Enter the **Property** - **Value** pair as found on your LDAP server. This pairing will be associated with the role you are editing/creating.*

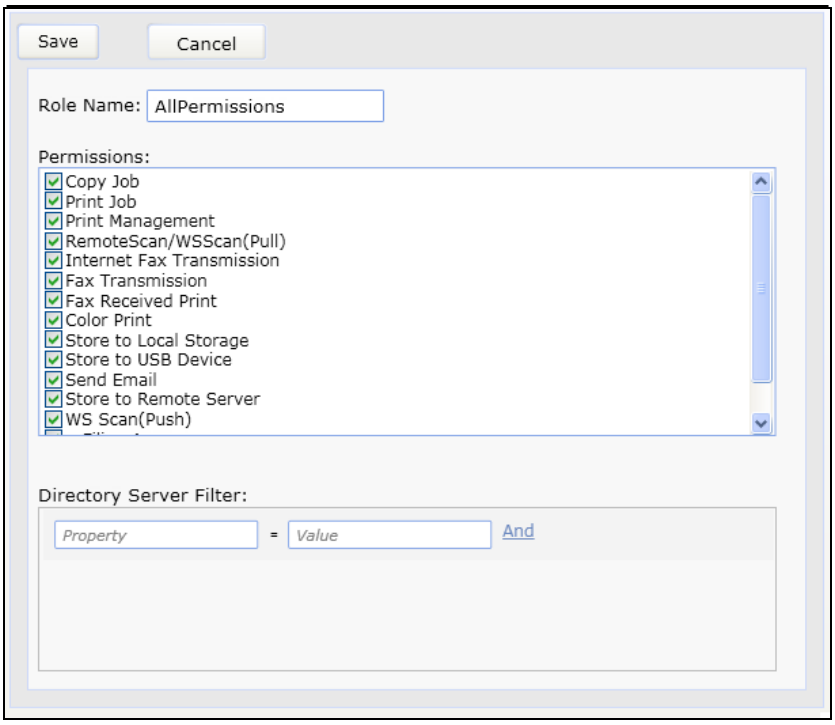


Figure 34. **Role Panel - Edit Mode**

*Click the **And** link to get an additional **Property** – **Value** pair. You can create up to 50 pairings. Note that the pairings are based on the "**and**" operator; therefore each Property name must be unique.*

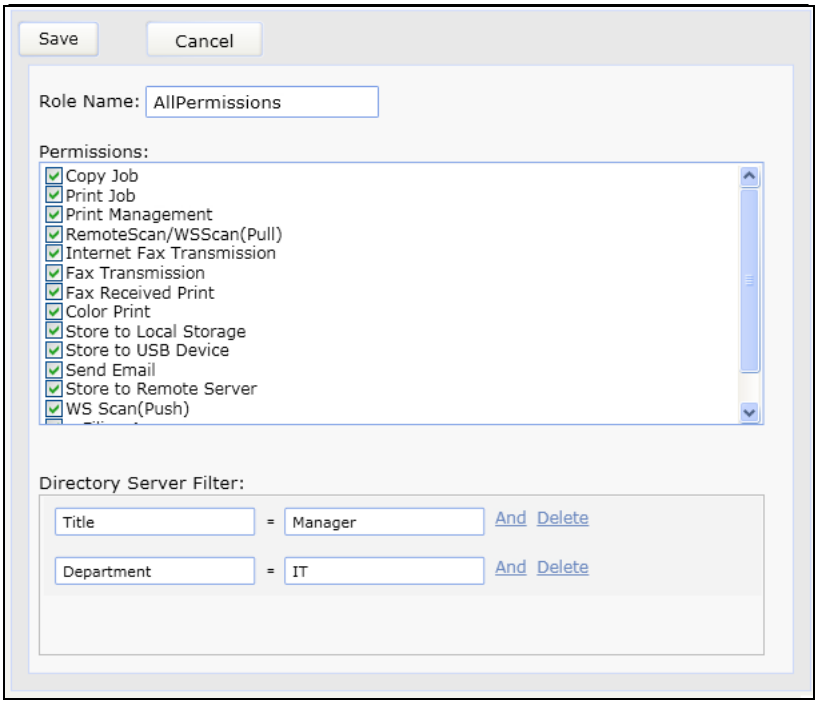


Figure 35. **Role Panel with Directory Server Filters**

Steps to Change the Default Role:

Select the role from the role list that you want to make the default role.

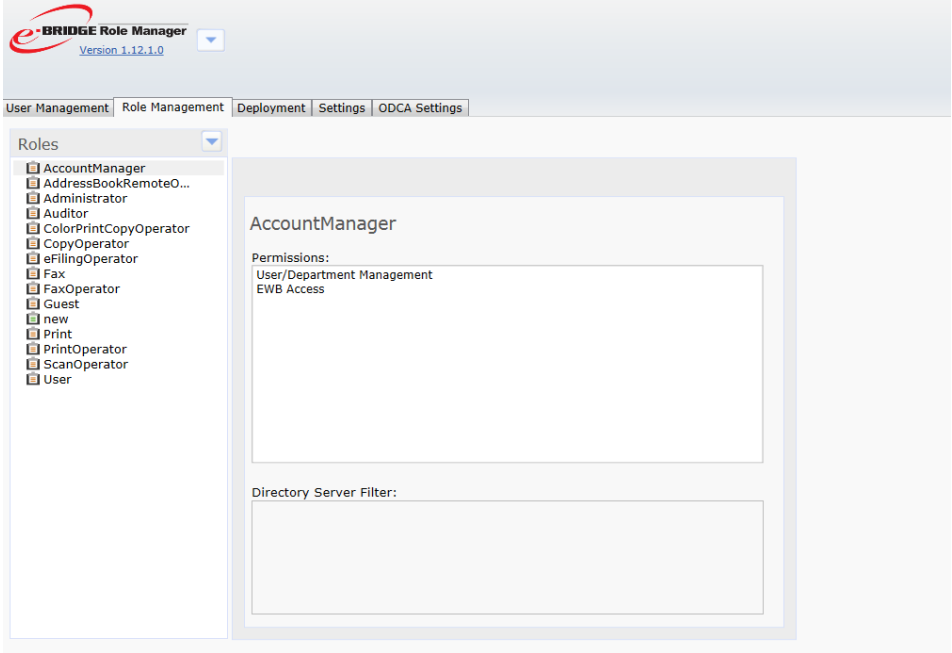


Figure 36. **Role Management Tab with Role Selected**

*Select **Default Role** from the Role Menu. As a result, the Default Role icon will appear next to the selected role. This role will now be associated with users that otherwise do not have a role association.*

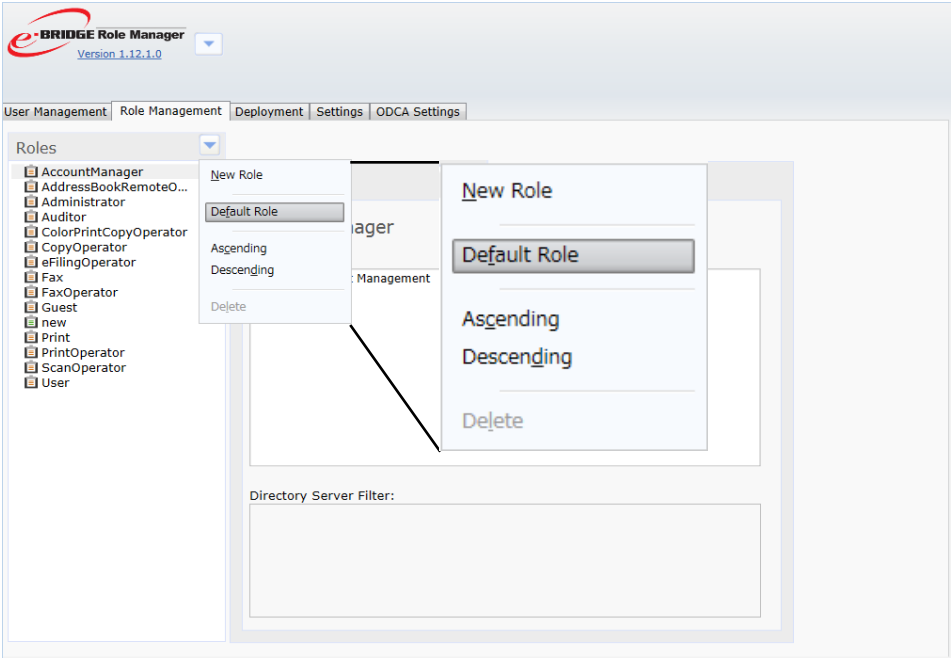


Figure 37. **Default Role Menu**

CHAPTER 5
DEPLOYING Role DATA TO MFPS

DEPLOYING ROLE DATA TO MFPS

What is Deployed?

When deploying from the e-BRIDGE Role Manager, all of the user data, group data, and role data in the project will be sent to the fleet of target MFPs. User counter data is also deployed only if the **Deploy User Counter Information** check box in the **Deployment Tab** is checked.

NOTE:

DEPLOY USER COUNTER INFORMATION CHECKBOX IS SHOWN ONLY IF COUNTER DATA WAS INCLUDED IN THE ROLE FILE IMPORT.

IF DEPLOY USER COUNTER INFORMATION CHECK BOX IS CHECKED WHEN DEPLOYING, COUNTER DATA FOR THE USERS WILL BE OVER WRITTEN FOR EXISTING USERS AND ADDED FOR NEW USERS.

Steps to Create a Deployment Fleet:

*From the **Deployment Tab** enter the IP Address of the MFPs you want to discover and click the Search button to start discovery.*

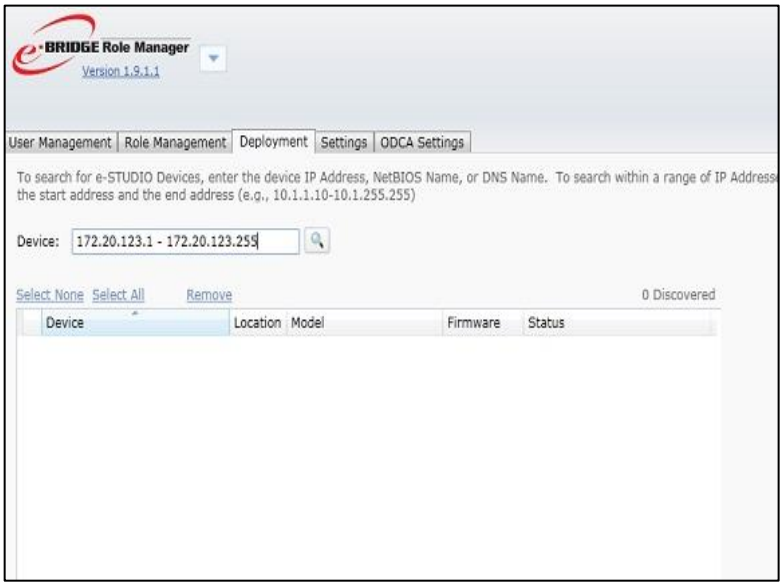


Figure 38. **IP Address Range for Discovery**

*During Discovery, the device list will be populated, you can stop discovery by clicking the **Stop Search** link at any time.*

The MFP Models will be highlighted in different colors to indicate data loss during import/deployment. The data loss information will be shown as a tool

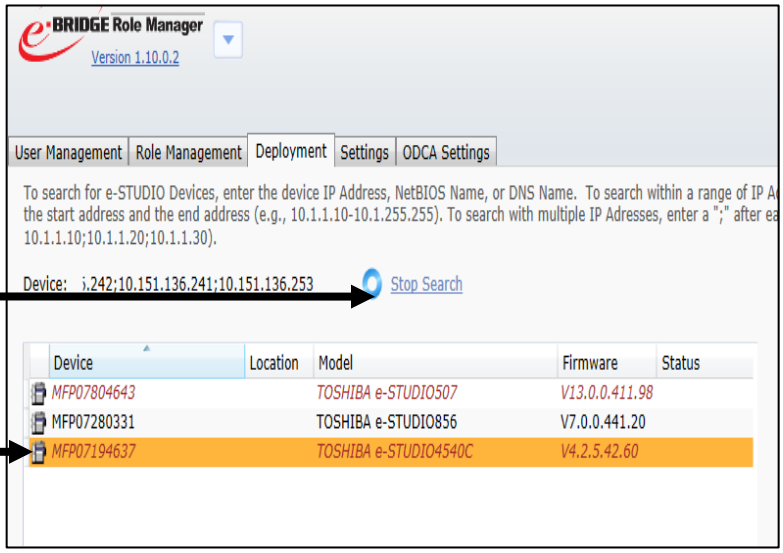


Figure 39. **Deployment Tab - Discovery**

tip.

Data Import/Deployment Details

Color	Import	Deployment
No color	No data loss or addition in this version of MFP.	No data loss or addition in this version of MFP.
Light Yellow	Black Quota/Color Quota data will not be considered for export.	Black Quota/Color Quota data will not be considered for export.
Light Orange	MFP version is different. For further details contact dealer.	MFP version is different. For further details contact dealer.
Brown and Italic	Users/Roles/Groups mapped to new permissions (EWBAccess, USBDirectPrint) will not be supported.	Users/Roles/Groups mapped to new permissions (EWBAccess, USBDirectPrint) will not be supported.

Steps to Deploy Role Data to the Discovered Fleet:

Select MFPs for deployment. You will notice that the Credentials Panel and the Deploy button becomes enabled.

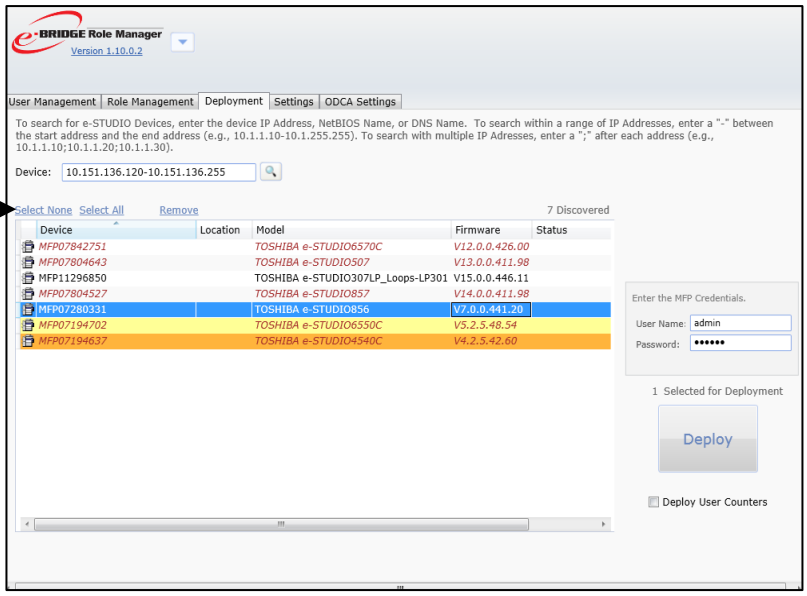


Figure 40. **Deployment Tab – MFPs Selected**

*In the Credentials Panel, enter the **User Name** and **Password** of the target MFP(s).*

*Make sure to check **Deploy User Counters** to deploy all of the user counter data.*

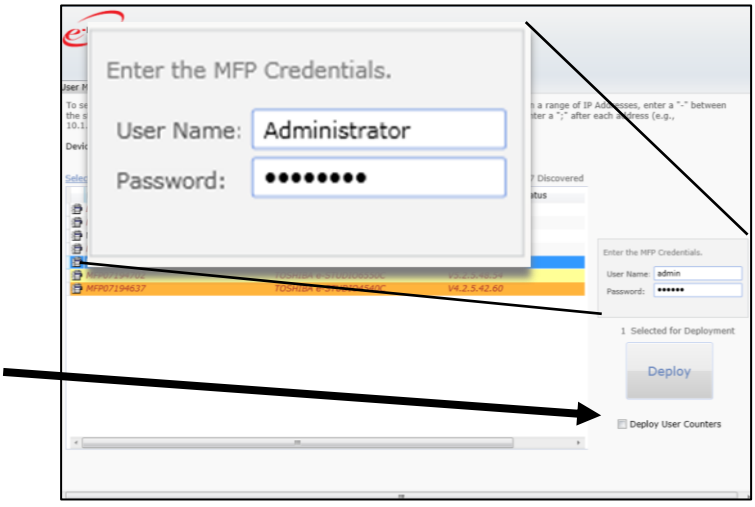


Figure 41. **Deployment Tab – MFP Credentials**

*Click the **Deploy** button.*

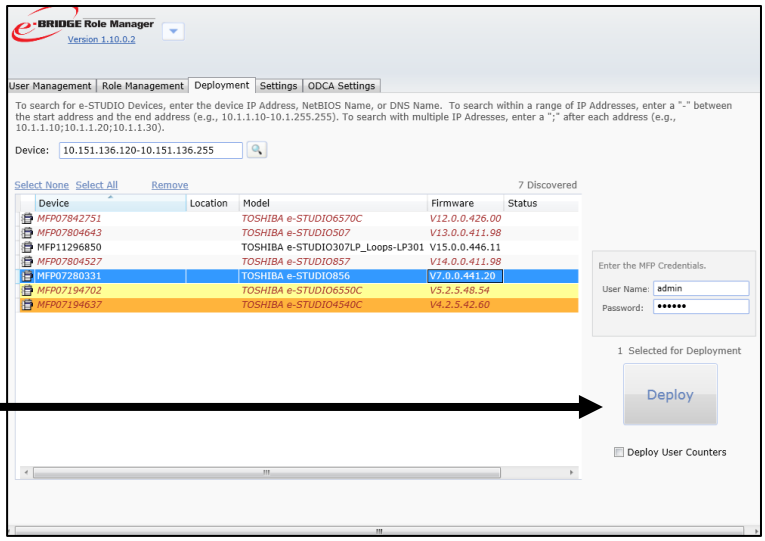


Figure 42. **Deployment Tab – Deploy Button**

*Once Deployment begins, the **Deployment Status** column updates dynamically.*

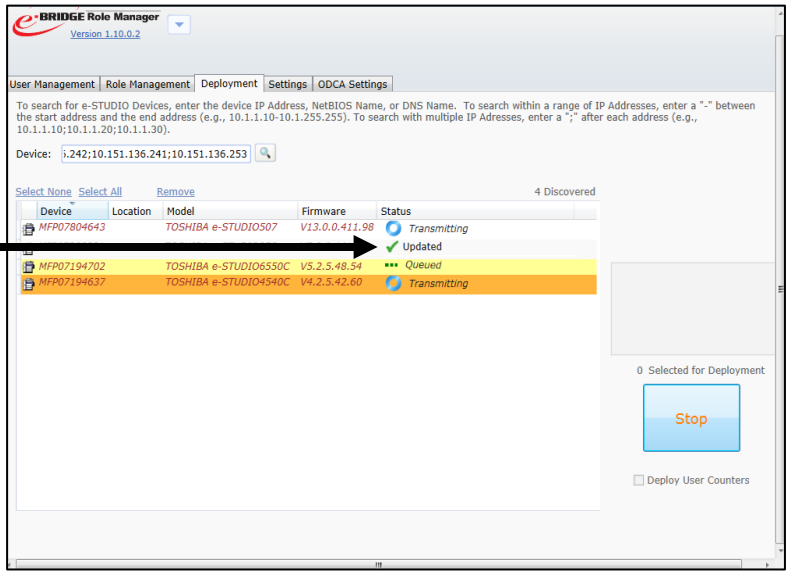


Figure 43. **Deployment Tab - Status**

Deployment Time and Status

The time required for deployment depends on the amount of data you are deploying and the number of the MFPs in your deployment fleet. A Deployment Status is given to help inform you about the deployment process.

Deployment Status

Deployment Status	Description	Effect of Closing e-BRIDGE Role Manager
Queued	The system is gathering data and preparing the transmission.	Canceled
Canceled	A queued item was canceled.	*No Effect*
Transmitting	The Role data is being sent to the MFP.	Canceled
Pending	All Role data has been received by the MFP and the MFP is processing the data.	*No Effect*
Updated	The data was successfully deployed and the MFP updated.	*No Effect*
<Error Description >	Unsuccessful Deployment. A description will be provided when available. Note that once the data has been received by the MFP, errors on the MFP side may not be reportable.	*No Effect*

Though we cannot provide estimated deployment times, we can report estimated transmission times. Deploying data for 1,000 users to 50 MFPs on an average speed network will take up to 5 minutes to transmit. Once transmission is complete, the MFP status will change to Pending. During the Pending status target MFP(s) will import the Role data. Once the MFP is updated, an Updated status will be returned to e-BRIDGE Role Manager.

If you close the Role Application during a Queued or Transmitting status, that deployment will be canceled. Deployments that show a Pending status will not be affected by closing the application.

Because it may take a long time for the MFPs to return an Updated status, e-BRIDGE Role Manager provides a feature that allows you to close the application and return at a later time to obtain the final status of the last deployed fleet.

When you return to the e-BRIDGE Role Manager, the Deployment Tab retains the Last View of your deployment status. The Deployment Results Panel shows the date of deployment and the overall status in terms of number of updated, pending, or errors. If one or more deployments have a pending status, a **Refresh Status** link is shown. When you click the Refresh Status link, e-BRIDGE Role Manager will establish communication with the MFP to update the Pending Status.

NOTE: IF YOU INITIATE A NEW DISCOVERY OR DEPLOYMENT, THIS LAST VIEW STATUS WILL BE LOST.

While deploying the data from e-BRIDGE Role Manager, if error message is displayed as "Error during deployment" confirm that same PinCode is not assigned to more than one user.

Deployment Result Panel

Refresh Status Link Shown only when there is at least one MFP deployment with a ***Pending*** *status.*

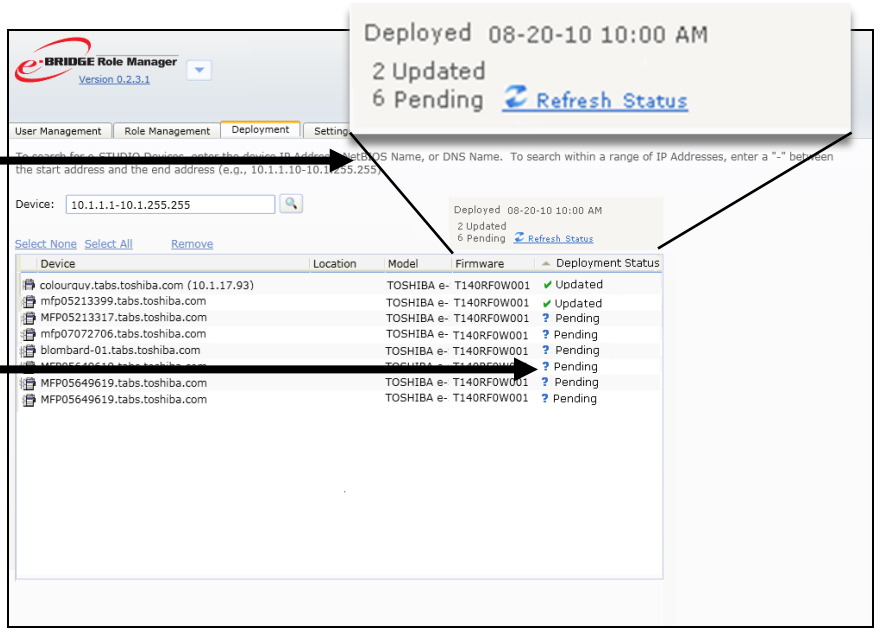


Figure 44. **Deployment Tab – Last View**

CHAPTER
6
ODCA Settings

ODCA SETTINGS

e-BRIDGE Role Manager uses the ODCA Settings for network import from the MFP and Deploying to the MFP. You can set the values same as that TopAccess ODCA settings.

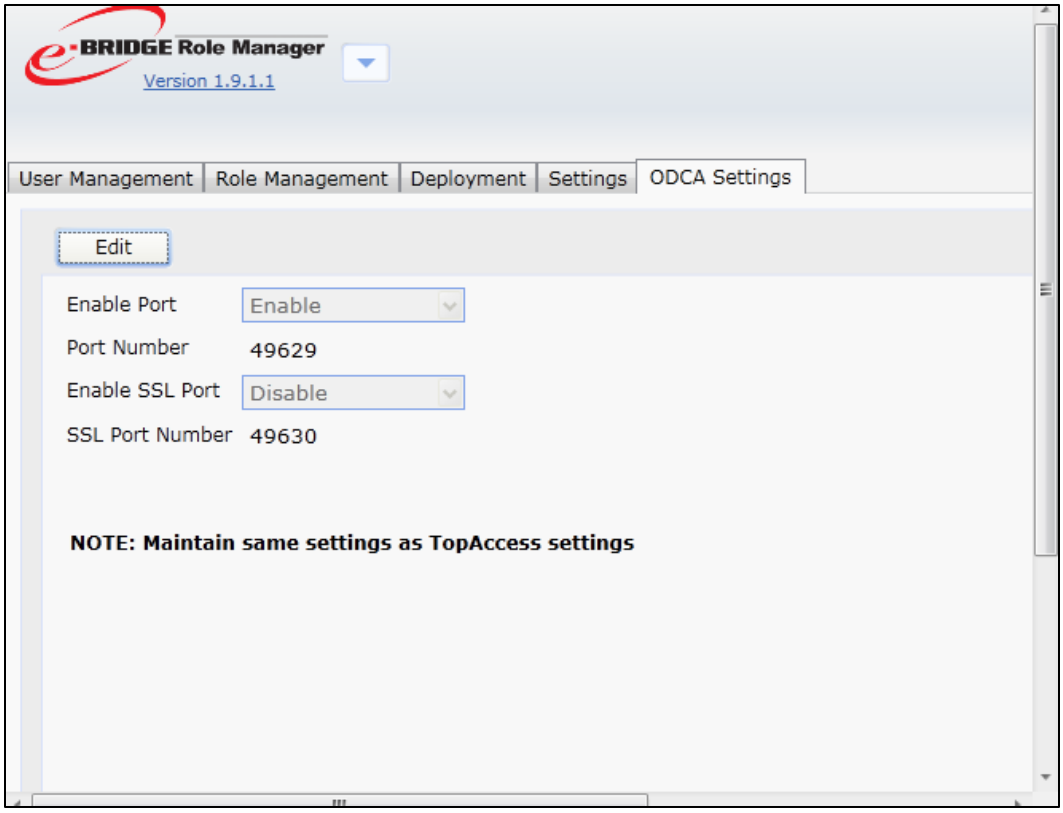


Figure 45. **ODCA Settings**

If SSL port is enabled, e-BRIDGE Role Manager shall use secure connection to connect to the MFP and the SSL certificate of the MFP should be available in your system.

e-BRIDGE Role Manager has default ODCA settings as http port with 49629 and SSL port will be disabled

NOTE: ODCA SETTINGS IN E-BRIDGE ROLE MANAGER SHOULD BE SAME AS SETTINGS IN TOPACCESS OF THE MFP.

Steps to install SSL for secured connection

*Login to TopAccess. Click on Administrator Tab. Select the Security sub menu. Click on Certificate management. Click **Export** button.*

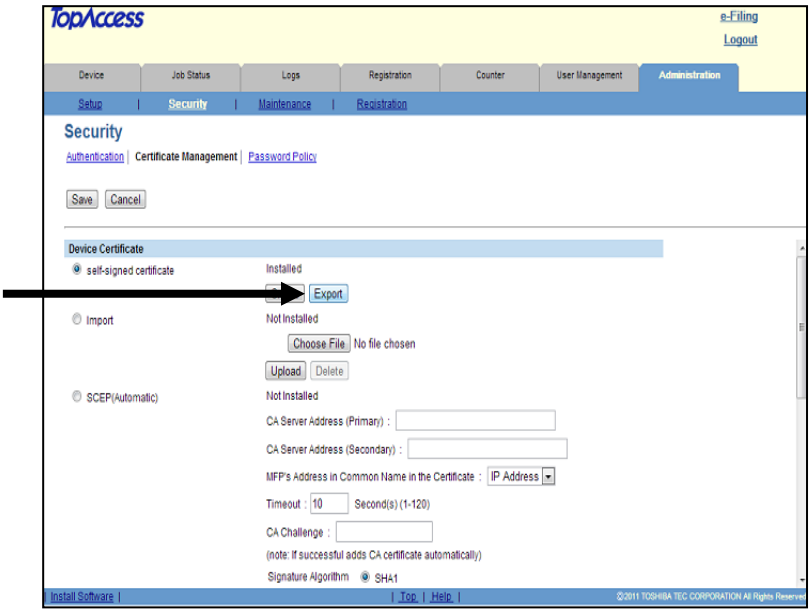


Figure 46. **Export Certificates**

On clicking the Export button, a Pop-up window will be displayed containing Self-Signed Certificate in it. Save the certificate in your PC and include it as Trusted Certificate.

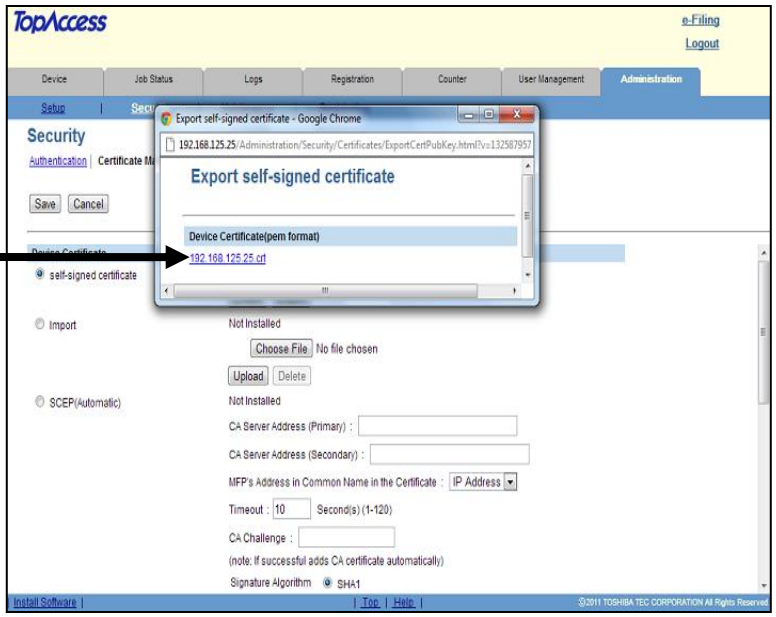


Figure 47. **Exporting certificate from TopAccess**

Open any browser. Click on the settings option. Select the ***Internet options*** *option.*

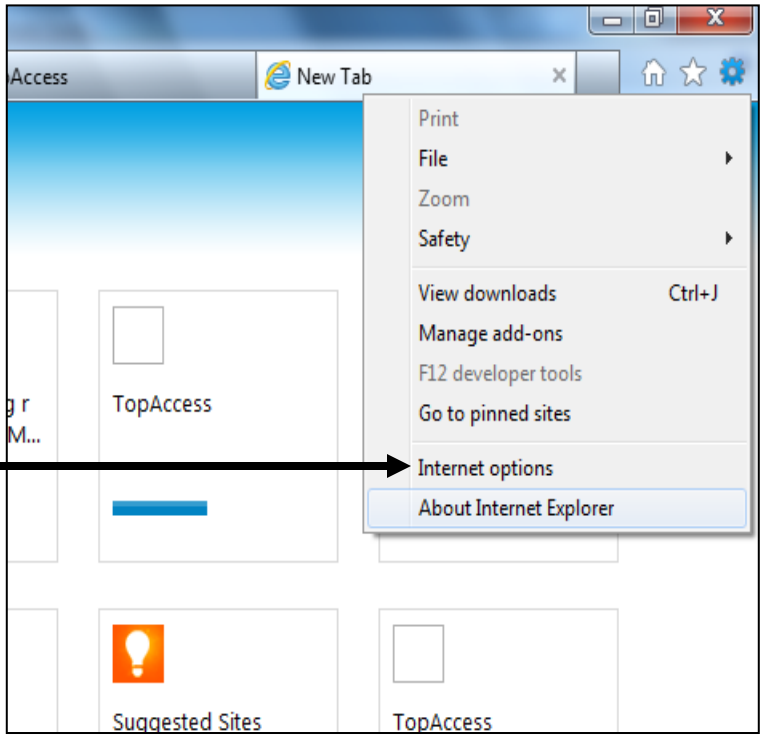


Figure 48. **Settings - Internet Options**

On Clicking the internet options, Internet Options window will open. Click ***Content*** *in the tab.*

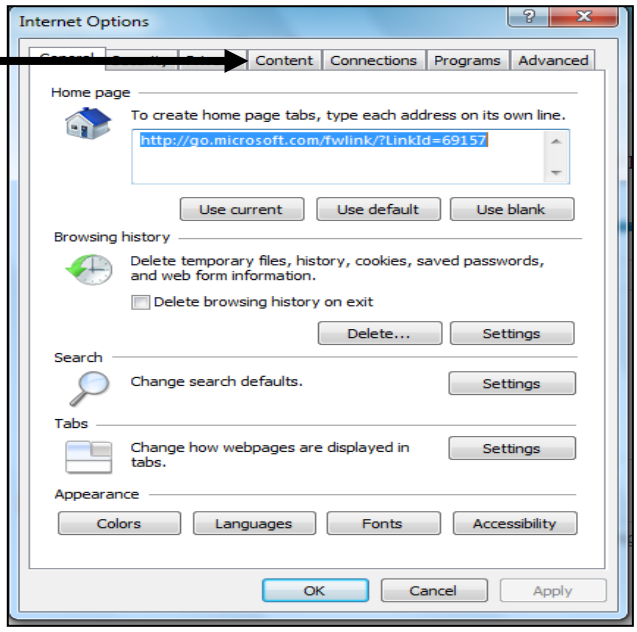


Figure 49. **Internet Options - Content**

Click the ***Certificates*** *button.*

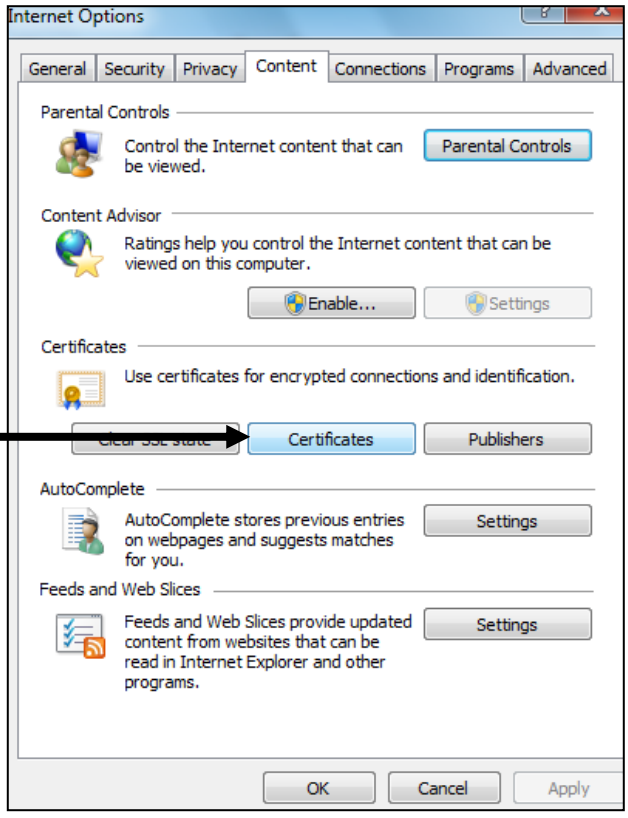


Figure 50. **Internet Options - Certificates**

*On Clicking Certificates button. You will get this window. Click on **Import** button.*

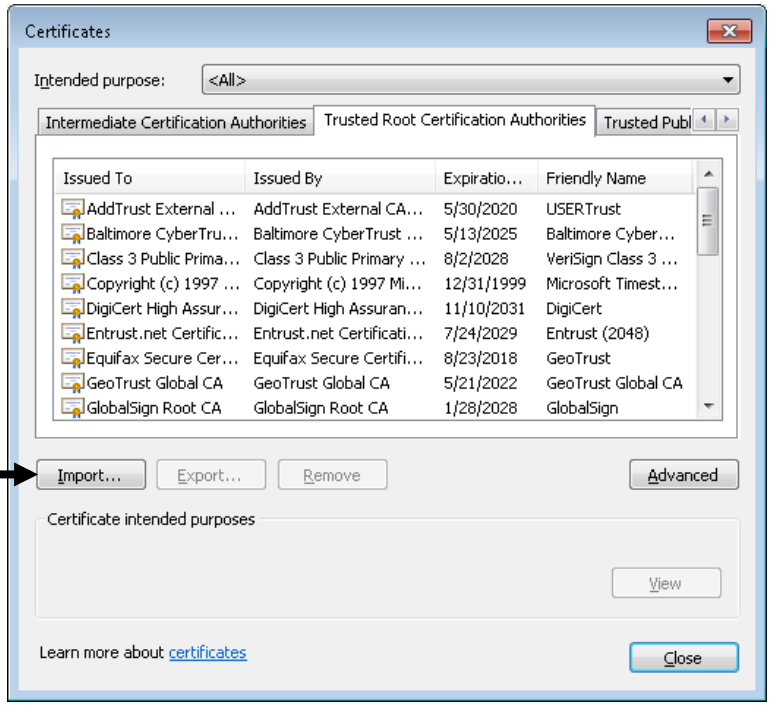


Figure 51. **Certificates - Import**

*On Clicking Import, this installation wizard will open. Click **Next** button in the window.*

Figure 52. **Import – Installation wizard**

*Click on **Browse** button. Browse and select the downloaded certificate and then press **next** button.*

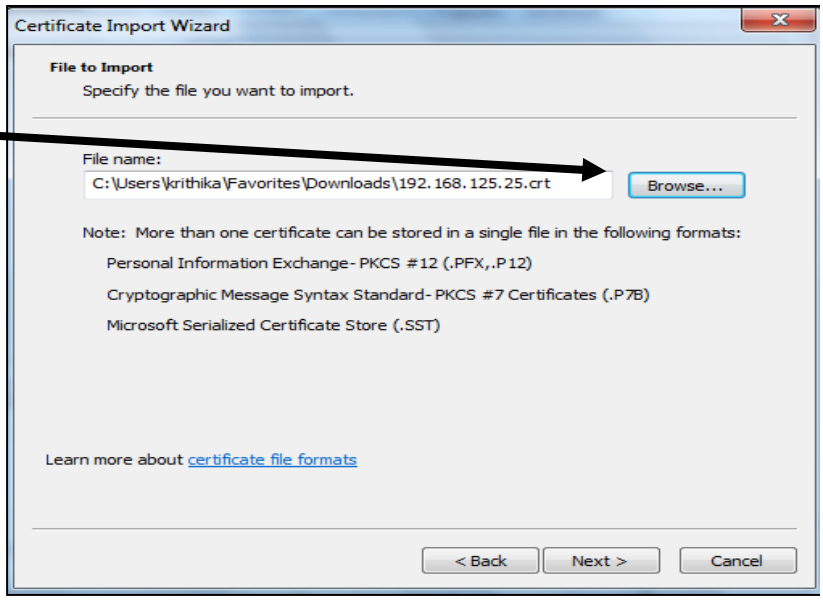


Figure 53. **Browse Certificate**

*Click the **Next** button.*

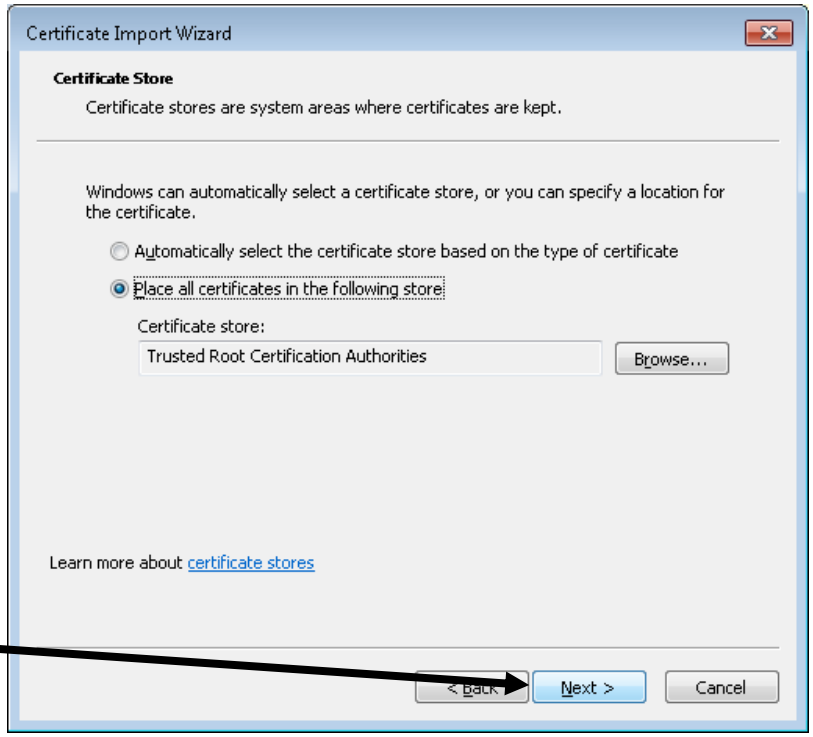


Figure 54. **Certificate Installation Wizard**

*Click **Finish** button in the Installation wizard.*

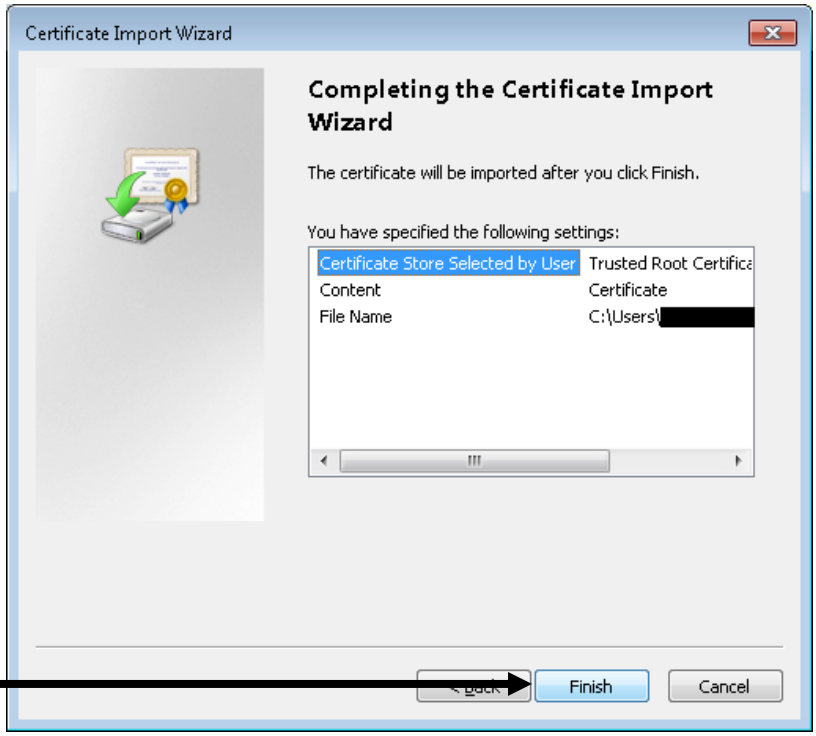


Figure 55. **Finish Installation**

*On Clicking Finish, A Pop-up showing "The Import was successful" will appear. Click **OK***

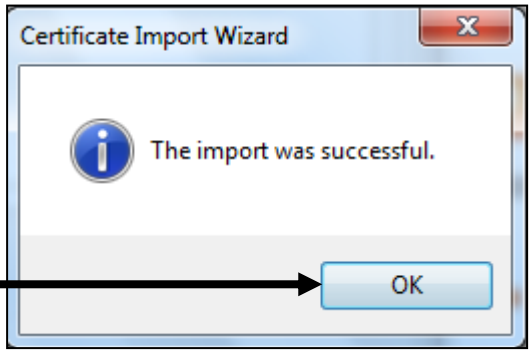


Figure 56. **Successful Import**

*Once the Pop Up disappears, Click on **Trusted Root Certification Authorities.***

*Check whether Issued To column displays the **name of the MFP** from which you got the certificate for installation*

*Click **Close**. After which, Certificates window will be closed. Click OK in the Internet Options window.*

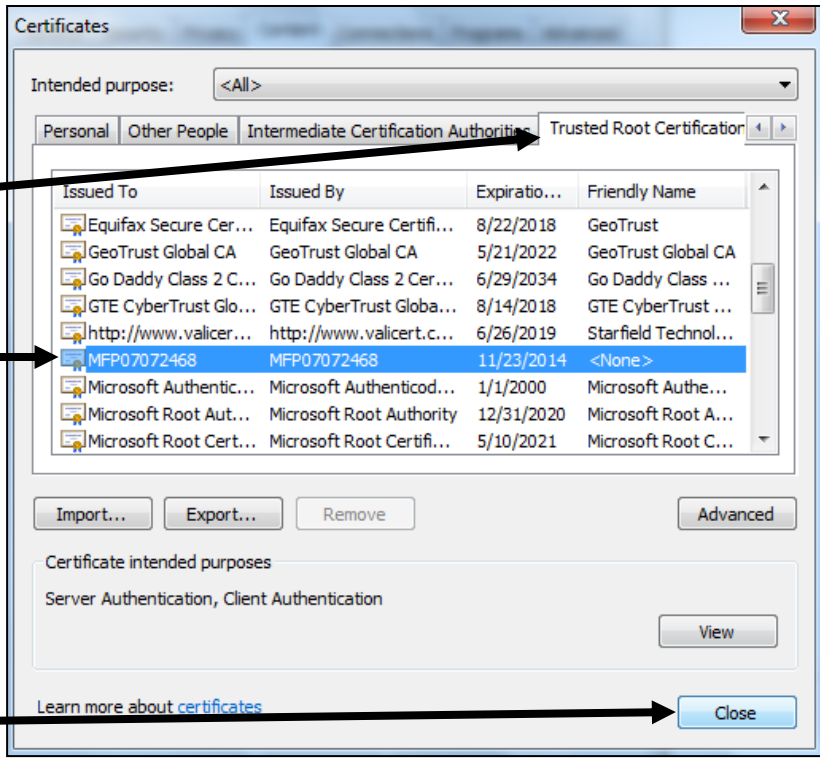


Figure 57. **MFP Name Check**

CHAPTER 7
REAL WORLD EXAMPLE

REAL WORLD EXAMPLE - PORTING DATA TO AN UPGRADED MFP ENVIRONMENT

1. Create a Project

Launch e-BRIDGE Role Manager from your Windows Start Menu.

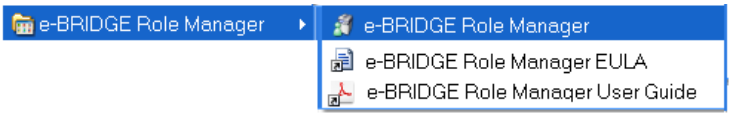


Figure 58. **e-BRIDGE Role Manager Application in Start Menu**

Select ***New Project*** *from the Start Window.*

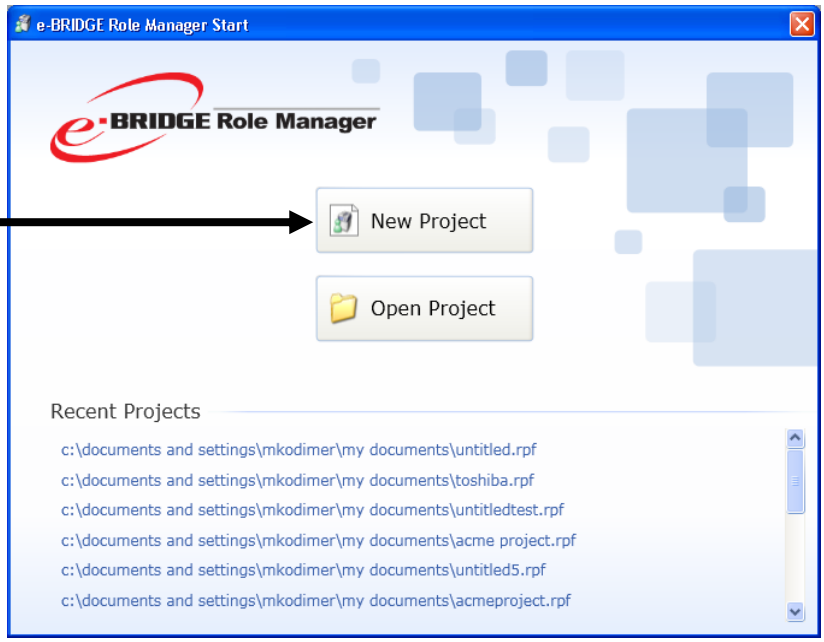


Figure 59. **Start Screen**

From the New Project Dialog, Enter a Unique ***Project Name.***

To change the location or path of the project, click the ***Select*** *Button.*

Create a ***project file password*** *to protect your project data.*

Click the ***OK*** *button to continue and start work.*

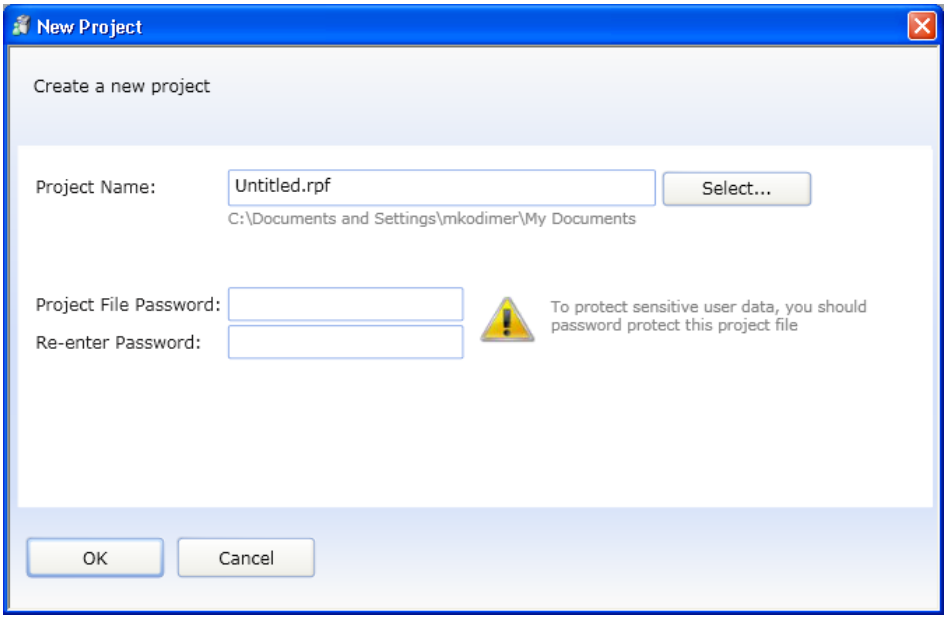


Figure 60. **New Project Dialog**

It is recommended that you create a password to be associated with the project file to protect sensitive data. Once created, you will be prompted to provide the password when opening the project in e-BRIDGE Role Manager.

2. Import Role Data

*Select the **Import Role Data from File**… to invoke the Windows File Open dialog.*

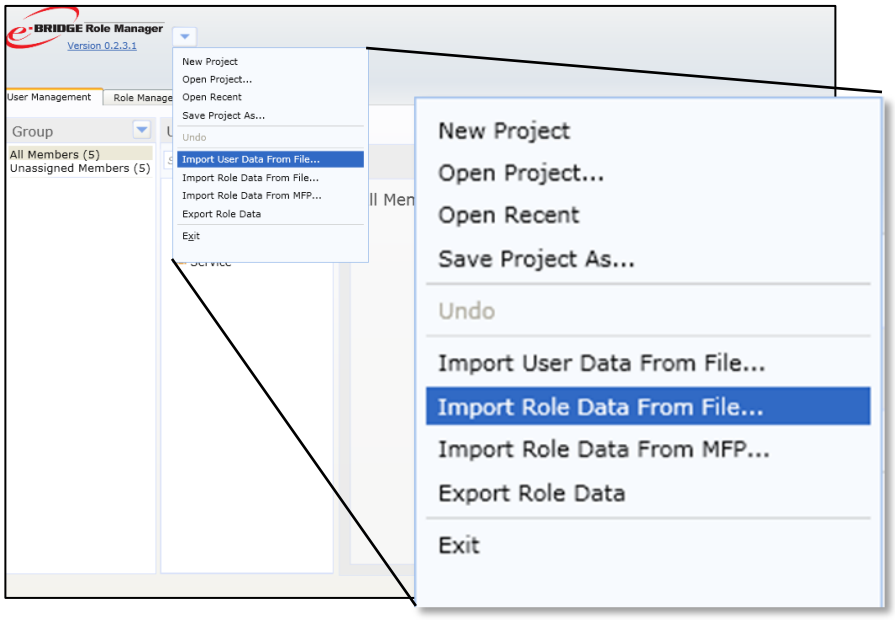


Figure 61. **Import Role Data From File Menu Item**

From the File Open dialog, select the .xml file containing the user data previously exported from TopAccess.

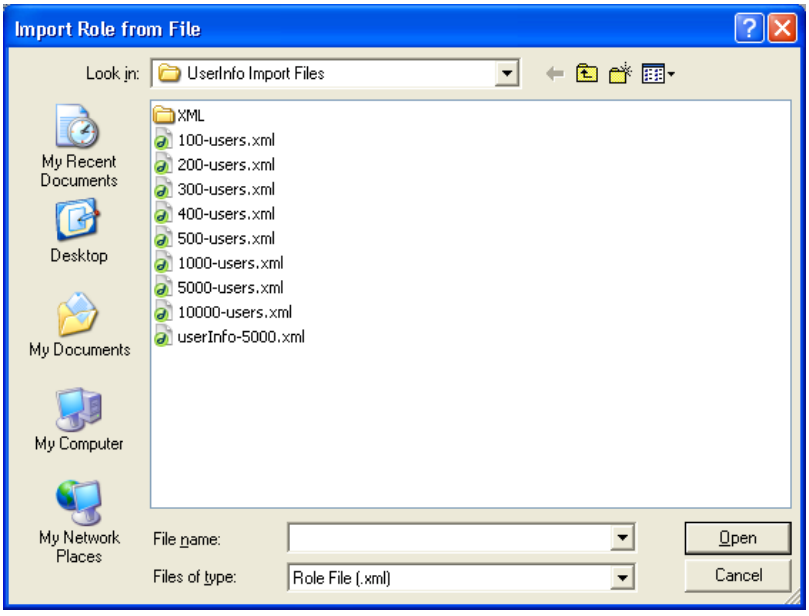


Figure 62. **Browse for the Role .xml File**

*Check the **Role or Group checkboxes** in the Overwrite Roles/Groups window for overwriting Role or Group data in case of same name.*

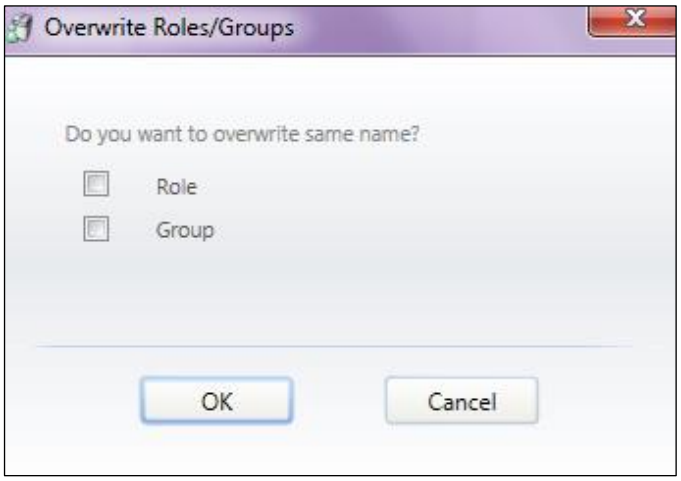


Figure 63. **Overwrite Roles/Groups window**

3. Import User Data

From the e-BRIDGE Role Manager Project Menu, select the ***Import User Data from File*** *menu item to invoke the Windows File Open dialog.*

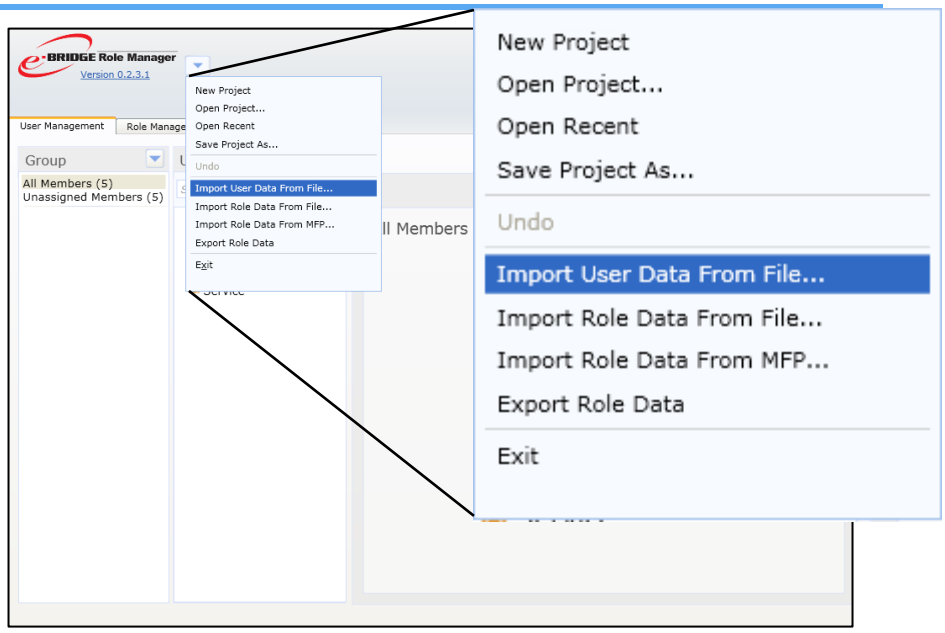


Figure 64. **Import User Data From File Menu Item**

From the File Open dialog, select the .csv file containing the user data previously exported from TopAccess.

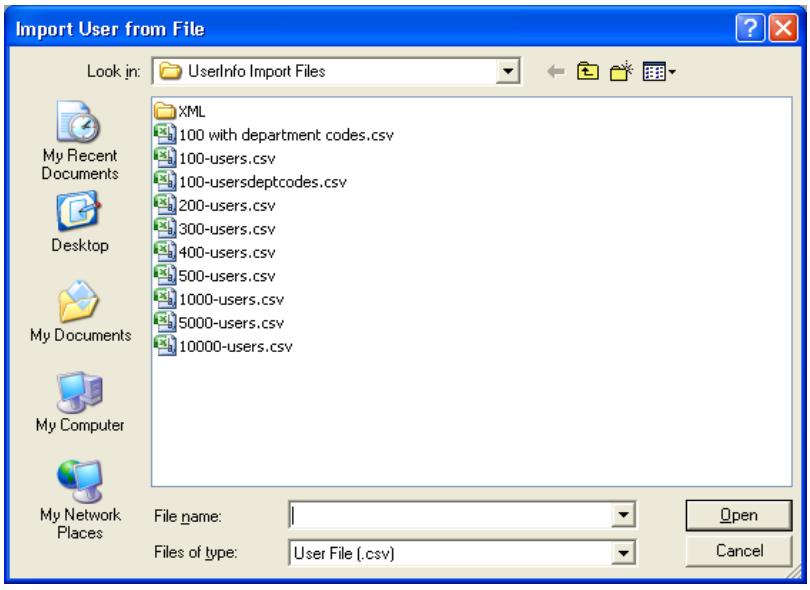


Figure 65. **Browse for the User .csv File**

4. Discover Target MFPs

*From the **Deployment Tab** enter the IP Address range of the MFP you want to discover and click the Search button to start discovery.*

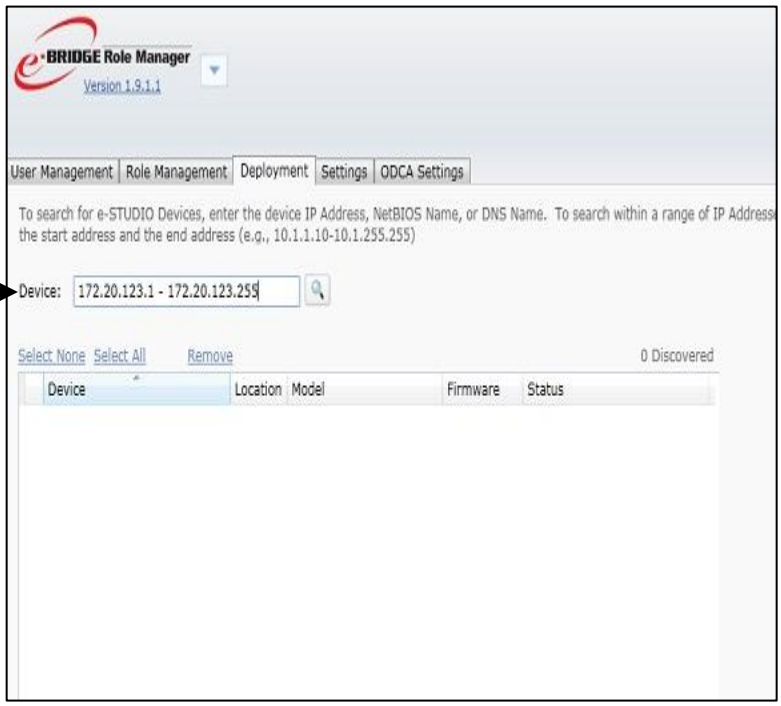


Figure 66. **IP Address Range for Discovery**

*During Discovery, the device list will be populated, you can stop discovery by clicking the **Stop Search** link at any time.*

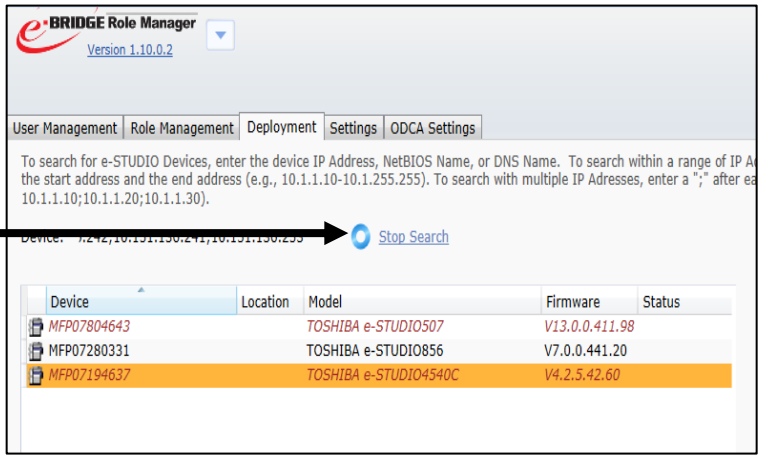


Figure 67. **Deployment Tab- Discovery**

5. Deploy Role Data to Discovered MFPs

Select the MFPs for deployment.

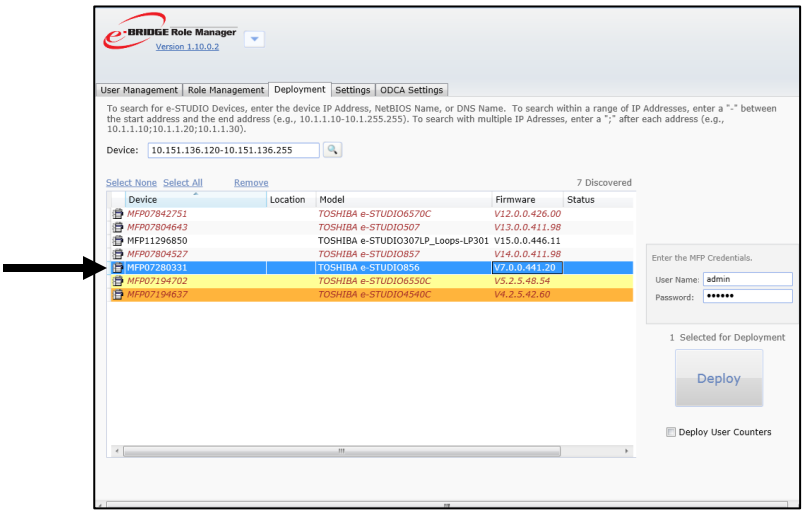


Figure 68. **Deployment Tab – Fleet Selection**

*Enter the **User Name** and **Password** of the target MFP(s). This is needed in order to update the MFP.*

*Make sure to check **Deploy User Counters** to deploy all of the user counter data.*

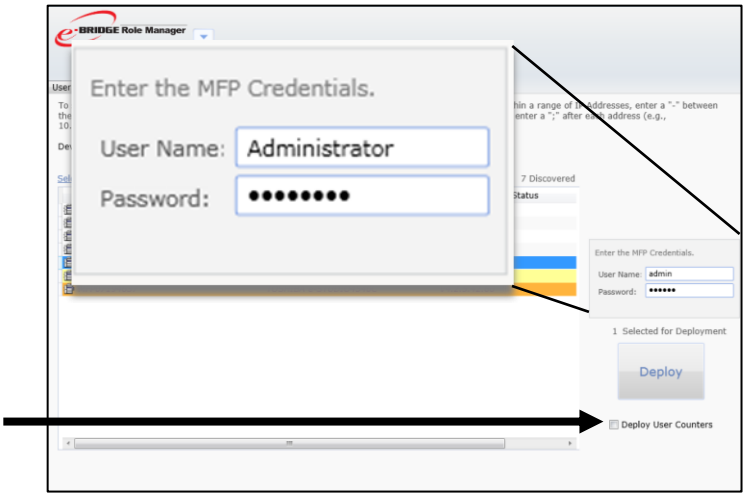


Figure 69. **Deployment Tab- Administrator Credentials**

*Click the **Deploy** button*

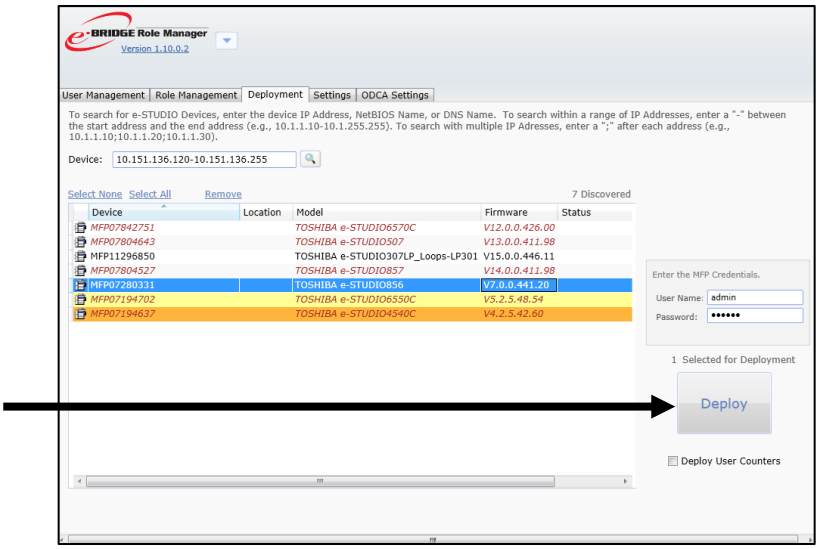


Figure 70. **Deployment Tab- Deploy Button**

Deployment begins with dynamic Deployment Status Updates

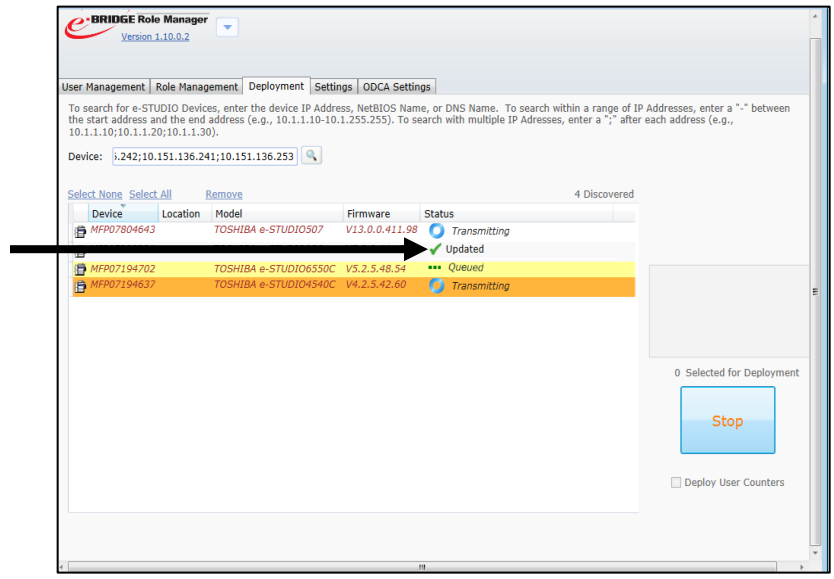


Figure 71. **Deployment Tab - Status**

Deployment Statuses

MFP Status Column	Description
Queued	The system is gathering data and preparing the transmission.
Canceled	A queued item was canceled.
Transmitting	The Role data is being sent to the MFP.
Pending	All the Role data has been received by the MFP and the MFP is processing the data.
Updated	The data was successfully deployed and the MFP updated.
<Error Description >	Unsuccessful Deployment. A description will be provided when available. Note that once the data has been received by the MFP, errors on the MFP side may not be reportable.

It is important to make sure that the ODCA Settings in e-BRIDGE Role Manager and TopAccess are same for successful execution of Network Import method and deploying to the MFP.

For hard drives, GB is equivalent to 1 billion bytes.
Total hard drive accessible capacity may vary depending on operating environment.
Design and specifications subject to change without notice.

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R110320J9607-TTEC