

OTCnet Local Bridge (OLB) Version 1.1.0

Information Session





OLB Overview





What is the OTCnet Local Bridge (OLB)?

The OLB is an application that eliminates OTCnet Online's dependency on Java Applets. The OLB is a stand-alone application that must be installed on all user workstations performing check capture, check processing, and terminal configuration operations. The OLB is designed to improve the user experience with faster terminal detection. The OLB application is available for download from OTCnet Online.

The OLB can be compared to an actual bridge that connects the browser with the operating system/workstation. The OLB is needed for terminal detection, the Deployable Disbursing System (DDS) Interface (DoD only), and performing check processing and check capture tasks.



The OLB acts as a bridge between the terminal and browser





Who needs to use the OLB?

The OLB is required for the following user roles:



- Check Capture Administrator (CCA) Check Capture Lead Operator (CCLO)
- Check Capture Supervisor (CCS) Check Capture Operator (CCO)

The OLB <u>does not</u> impact the following user roles:



Deposit Processing Users

- Interface Partners

Interface Users





OLB Transition Period

Key Dates:



December 2017 OLB 1.1.0 Released

August 2017 – July 2018: OLB Transition Period

During the Transition Period, the OTCnet Team is working with Agency POCs and Agency IT support staff to facilitate a timely roll-out schedule to ensure a smooth transition for users performing check capture, check processing, and terminal configuration operations.

The OTCnet Team partnered with Agency POCs to create a timeline for Agencies, and Fiscal Service strongly encourages each Agency POC to work with their Deployment Specialist and IT Team to meet these deadlines:

Group	Definitions	Dates of Rollout
Group 1	# Terminals <50	9/1/17 - 4/30/18
Group 2	# Terminals >50	9/1/17 - 6/30/18
Group 3	Delayed or Extended Rollout	9/1/17 - 7/31/18





OLB Transition Period (Continued)

Support of the dual architecture will continue as needed for those agencies engaged in an extended rollout period beyond July 31, 2018 (e.g., Agencies engaged in Certificate and Accreditation/Authority To Operate (ATO) approval or modification of Group Policy Settings).

During the transition period, Agencies will be able to use the Java Applets architecture via a dialogue box that is displayed upon login.

> Please select one of the following OTCnet Configurable options to perform Check Processing and Terminal Configuration Operations. Please note Java Applets option will no longer be available on August 1, 2018. O Java Applets OTCnet Local Bridge Application - OLB OK





Important Features of the OLB

The OLB 1.1.0 streamlines the process of setting up the OLB application on a terminal.

Below are the new features made available to users with this new version of the OLB:



Users may save their OLB credential file to any folder that they have access to (e.g., **My Documents** folder, **Desktop** folder).



Each user receives a unique OLB credential, which they must import onto their workstation. If there are multiple users on a terminal, each user must import their own OLB credentials.



Users can manage their own OLB user profiles and passwords. This eliminates the needs for a workstation administrator to assist in creating or updating the profiles.





Compatibility Recommendations



Java Compatibility

- The OTCnet application's Java Applets option only supports the 32-bit version of Java 8.
- The OTCnet Team strongly recommends that agencies <u>not upgrade</u> OTCnet workstations to <u>Java Version 9</u> and <u>keep these workstations on (32-bit) Java Version 8</u> to avoid disruption to check scanning and check processing activities. This does not impact deposit processing users.

Note: With OLB installed, users will no longer need to install Java for OTCnet check processing. Until users transition to the OLB and continue to remain on the OTCnet Java Applet option, Java (32-bit version) must be installed on the workstation and the Java browser plug-in must be installed in Internet Explorer.



Scanner Firmware Compatibility

- It is <u>highly recommended</u> that Firmware 2.0.0 or Firmware 3.1.0 is installed when using the OLB. Firmware 3.1.0 is only compatible with the OLB and cannot be used with Java Applets.
- Be sure to <u>uninstall</u> any old versions of Firmware before attempting to install Firmware 2.0.0 or Firmware 3.1.0 on a workstation.





Complete the OLB System Prerequisites



- These prerequisites are only applicable to users accessing OTCnet Online.
- Agencies are required to change their IE configuration settings prior to running the OLB application.

Note: Assistance may be required from the Agency's IT team, and these actions may need to be performed via group policy.

For Agencies to Change Their IE Configuration Settings (Appendix A):

- **Internet:** There are two options for Agencies in the **Trusted Sites Zone** under the **Security** tab.
 - Option 1 If the top-level domain for Treasury (i.e., *.treas.gov) is in the Trusted Sites Zone, it can remain and not be removed. The **Enable Protected Mode** must be disabled (unchecked) for the Trusted Sites Zone.
 - Option 2 If the Enable Protected Mode cannot be disabled (unchecked) for the Trusted Sites **Zone**, then *.treas.gov must be removed from the **Trusted Sites Zone**.
- **Local Intranet:** Add the OTCnet URL (i.e., *.otcnet.fms.treas.gov) as a site in the **Local Intranet Zone**. Please ensure other OTCnet specific websites, such as www.otcnet.fms.treas.gov or https://doc.ssologin1.fms.treas.gov, are not included.
- Compatibility View Settings: <u>Uncheck</u> the **Display Intranet Sites** in **Compatibility View** checkbox.

OLB Certificate (Appendix C):

Users are required to install the **OLB Certificate** on the terminal. Users complete this step as part of setting up the OLB application.





Training Demonstration

Getting Started With The OLB



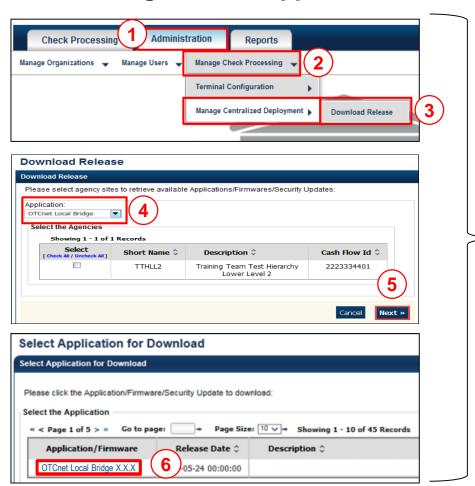


Setting Up the OLB Application

- Download the OLB Application (Appendix B)
 - This step is completed by the Check Capture Administrator (CCA)
 - The OLB application is downloaded as a Zip file, which contains the OLB application installation file (EXE file) and the OLB certificate file
- 2. Install the OLB Certificate (Appendix C)
 - Users **must** have the OLB certificate installed on their terminal in order for the OLB application to function with the OTCnet.
- Install the OLB Application (Appendix D)
- Create the OLB Profile (or Create a CCA Offline Logon Profile) (Appendix E and F)
- Import OLB Credentials (Appendix G)
- Start the OLB (Appendix H)



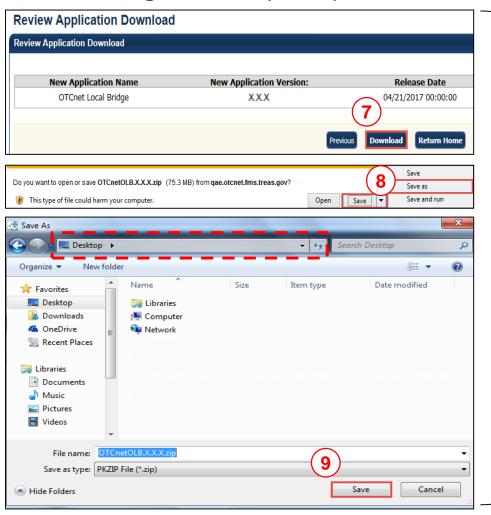
Downloading the OLB Application

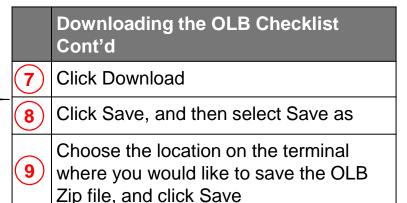


	Downloading the OLB Checklist
1	Click the Administration tab
2	Click Manage Check Processing
3	Click Manage Centralized Deployment, then Download Release
4	From the Application drop-down menu, select OTCnet Local Bridge
5	Click Next
6	Click the OTCnet Local Bridge hyperlink



Downloading the OLB (Cont.)







If **Save As** is selected, a *Save As* dialog window will be generated so that you can save the OLB Zip file (e.g., OTCnetOLBX.X.X.zip) to your preferred location on the terminal. If you click **Open**, your default Zip utility (e.g., WinZip, PKZIP) window will open, and you can extract the files. If you click **Cancel**, you remain on the *Review Application Download* page.



Training Demonstration

This portion of the presentation features a live demonstration on how to set-up the OLB application.



For a full step-by-step reference of the content covered in this demonstration, please refer to Appendix items B-H





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Next Steps



Next Steps: Upcoming Webinar Sessions

If any colleagues from your agency were unable to attend this month's webinar, please note that they may attend any of our upcoming webinars. All sessions will start at 1:30 PM Eastern Time.



OLB Webi	nar Dates
May 17, 2018	June 19, 2018

To attend one of the upcoming webinar sessions, please RSVP here: http://eepurl.com/cOd3-X If you are unable to access the link, you may RSVP via the OTCnet Deployment Team by providing the names, emails, and desired registration date to fiscalservice.otcdeployment@citi.com.

We suggest that the following user roles attend: IT Administrators, Check Capture Administrators, Check Capture Supervisors, Check Capture Lead Operators, and Check Capture Operators. These users will greatly benefit from learning about the new changes in this release. The OLB only impacts Online and Offline users; the OLB is not relevant to deposit processing users and interface users.

As a reminder, the OTCnet Team strongly recommends that you work with your IT support staff, OTCnet Agency POC and an Agency Adoption Deployment Specialist to plan, schedule, and coordinate your move to the OLB application. If you have any questions or concerns, please contact the Treasury OTC Support Center.





Additional Resources

A copy of this presentation is available on the OTCnet OLB Web Page. For more about the OLB process, please reference the following resources:

OLB Web Page



Release 2.7/OLB System Requirements & Reference Guide



OLB Fact Sheet



For the most up-to-date news, check out the OTCnet Home Page





Thank You!



Appendices





Appendix A: OLB System Prerequisites – IE **Configuration Settings**





Agencies are required to change their IE configuration settings prior to running the OLB application. Note that assistance may be required from the Agency's IT team, and these actions may need to be performed via group policy. System requirements for the following IE configuration settings (A - C) are provided in this Appendix:

A. Internet: There are two options for Agencies to either keep (Option 1) or remove (Option 2) the top-level domain for Treasury (i.e., *.treas.gov) in the Trusted Sites Zone.

Option 1 – If the top-level domain for Treasury (i.e., *.treas.gov) is in the Trusted Sites Zone, it can remain and does not need to be removed. However, the **Enable Protected Mode** must be disabled (unchecked) for the Trusted Sites Zone.

Option 2 – If the Enable Protected Mode cannot be disabled (unchecked) for the Trusted Sites Zone, then *.treas.gov must be removed from the Trusted Sites Zone.

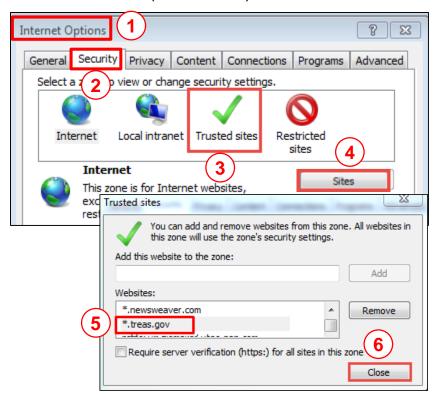
- **B.** Local Intranet: Add the OTCnet URL (i.e., *.otcnet.fms.treas.gov) as a site in the Local Intranet Zone. Please ensure other OTCnet specific websites, such as www.otcnet.fms.treas.gov or https://doc.ssologin1.fms.treas.gov, are not included.
- C. Compatibility View Settings: If checked, uncheck the Display Intranet Sites in Compatibility View checkbox under the Compatibility View Settings.

Please see the guidance provided on the following slides.



Internet

Option 1 – If the top-level domain for Treasury (i.e., *.treas.gov) is in the Trusted Sites Zone, it can remain and does not need to be removed. However, the **Enable Protected Mode** *must* be disabled (unchecked) for the Trusted Sites Zone.

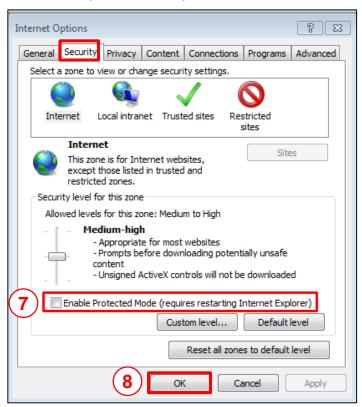


	Changing IE Configuration Settings for Internet Checklist
1	Navigate to the IE menu, and click Tools>>Internet Options
2	Click the Security tab
3	Click Trusted sites
4	Click the Sites button
5	Look under Websites and verify that *.treas.gov is in this listing
6	Click Close to return to the Security tab



A. Internet (Cont.)

Option 1 – If the top-level domain for Treasury (i.e., *.treas.gov) is in the Trusted Sites Zone, it can remain and does not need to be removed. However, the **Enable Protected Mode** *must* be disabled (unchecked) for the Trusted Sites Zone.



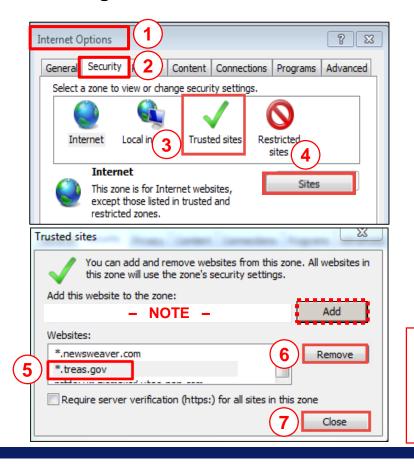
	Changing IE Configuration Settings for Internet Checklist
7	If it is checked, uncheck the Enable Protected Mode checkbox
8	Click OK





A. Internet (Cont.)

Option 2 – If the **Enable Protected Mode** cannot be disabled for the Trusted Sites Zone, then *.treas.gov *must* be removed from the Trusted Sites Zone.



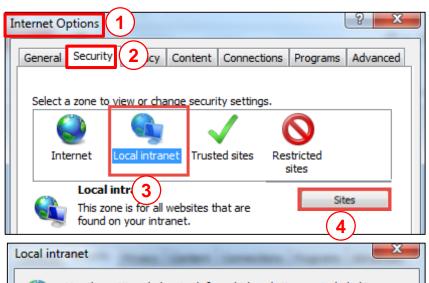
	Changing IE Configuration Settings for Internet Checklist
1	Navigate to the IE menu, and click Tools>>Internet Options
2	Click the Security tab
3	Click Trusted sites
4	Click the Sites button
5	Under Websites, click *.treas.gov
6	Click the Remove button
7	Click the Close button

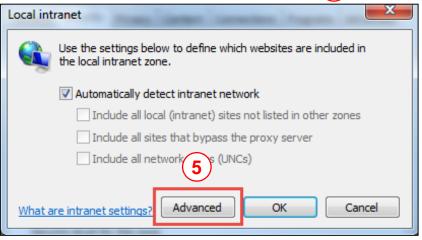
NOTE: If the **Enable Protected Mode** cannot be disabled for the Trusted Sites Zone, and the Agency requires *.treas.gov to remain in the Trusted Sites Zone, the Agency can replace *.treas.gov with the individual URLs for the Treasury web sites that require inclusion in the Trusted Sites Zone. That is, remove *.treas.gov, and then add the individual URLs.





B. Local Intranet: Add the OTCnet URL as a site in the Intranet Zone.





	Changing IE Configuration Settings for Local Intranet Checklist
1	Navigate to the IE menu, and click Tools>>Internet Options
2	Click the Security tab
3	Click Local intranet
4	Click the Sites button
5	Click the Advanced button





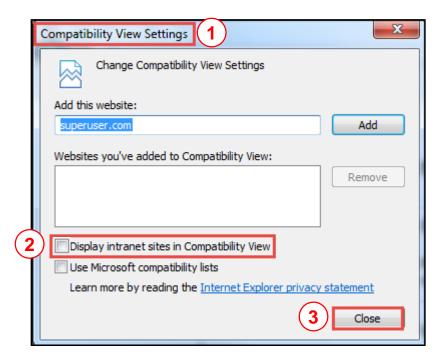
B. Local Intranet (Cont.): Add the OTCnet URL as a site in the Intranet Zone.



_	Changing IE Configuration Settings for Local Intranet Checklist
6	Under Add this website to the zone, type in *.otcnet.fms.treas.gov
(7)	Click the Add button
(8)	Click the Close button



C. Compatibility View Settings: Uncheck (if it is checked) the Display Intranet Sites in Compatibility View checkbox under the Compatibility View Settings.



	Changing IE Configuration Settings for Compatibility View Settings Checklist
1	Navigate to the IE menu and click Tools>>Compatibility View Settings
2	If checked, uncheck the Display intranet sites in Compatibility View checkbox
3	Click the Close button



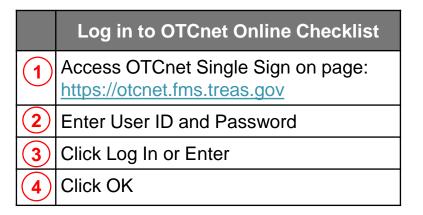


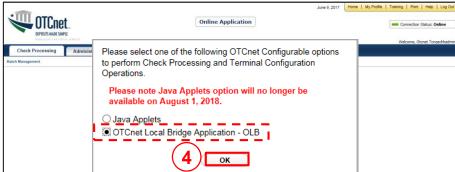
Appendix B: Downloading the OLB Application



Log In to OTCnet Online

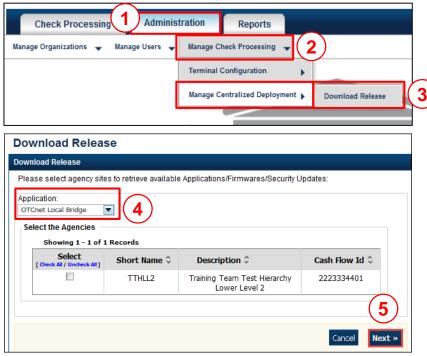








Downloading the OLB Application

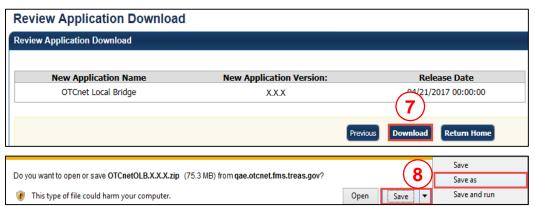


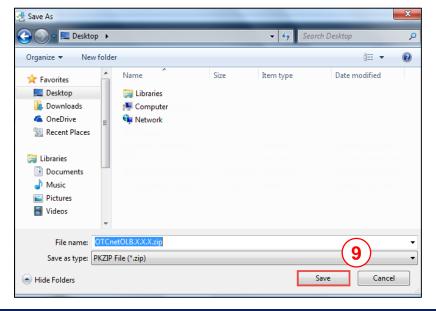
	Downloading the OLB Checklist
1	Click the Administration tab
2	Click Manage Check Processing
3	Click Manage Centralized Deployment, then Download Release
4	From the Application drop-down menu, select OTCnet Local Bridge
5	Click Next
6	Click the OTCnet Local Bridge hyperlink

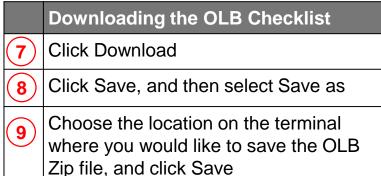




Downloading the OLB (Cont.)









If **Save As** is selected, a *Save As* dialog window will be generated so that you can save the OLB Zip file (e.g., OTCnetOLBX.X.X.zip) to your preferred location on the terminal. If you click **Open**, your default Zip utility (e.g., WinZip, PKZIP) window will open, and you can extract the files. If you click **Cancel**, you remain on the *Review Application Download* page.

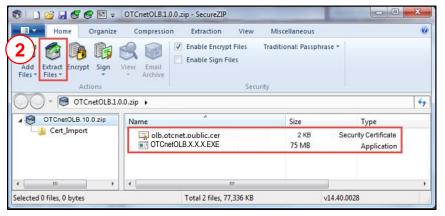


Downloading the OLB – Extracting the OLB Files



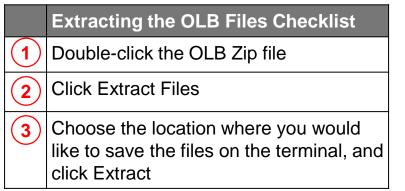


Once you double-click the OLB Zip file, your default Zip utility window will open.





Once you have extracted the files to your preferred location on the terminal, you will need to install the OLB certificate file.







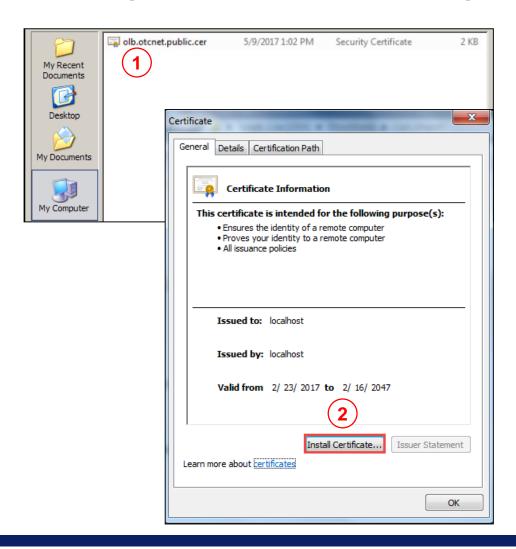


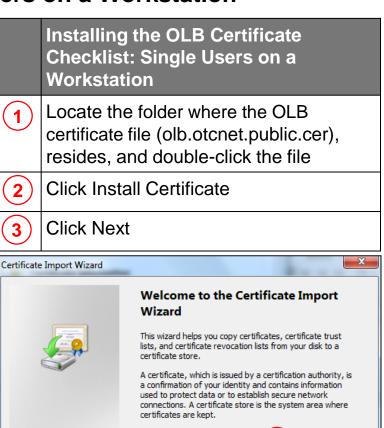
Appendix C: Installing the OLB Certificate





Installing the OLB Certificate: For Single Users on a Workstation







Click Cancel to cancel installing the certificate.

To continue, click Next.

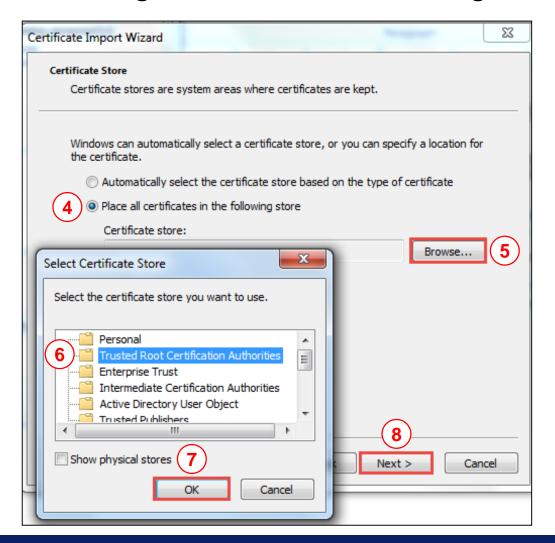
< Back

Next >



Cancel

Installing the OLB Certificate: For Single Users on a Workstation (Cont.)

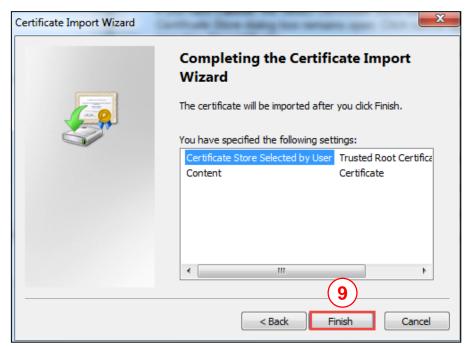


	Installing the OLB Certificate Checklist: Single Users on a Workstation
4	Click the Place all certificate in the following store radio button
(5)	Click Browse
6	Select the Trusted Root Certification Authorities folder
7	Click OK
8	Click Next



Click Cancel to cancel installing the certificate.





Installing the OLB Certificate Checklist: Single Users on a Workstation Click Finish Click OK



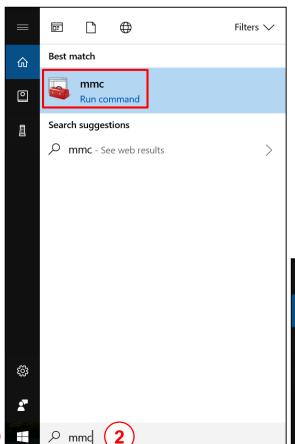
Click Cancel to cancel installing the certificate.



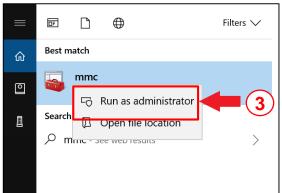


- ▶ The following slides (39-48) are for if you would like to allow the OLB Certificate Installation to work for all Windows users on a workstation with just one import
- If you only have one Windows user on a workstation, the "Current User" approach is much simpler, but if you have several Windows users who use OTCnet check capture on the same workstation, the following "mmc.exe" approach may be more efficient
- You must be a workstation administrator or have workstation administrator privileges to install the Certificate for all Windows users on the workstation
- ▶ There is no impact to OLB functionality if you choose one method over the other





Certificate: All Windows Users Checklist Click the Start button to view the search box. Type mmc in the Windows search box on the lower left of your screen. Right-click mmc.exe (or mmc) and select Run as administrator.

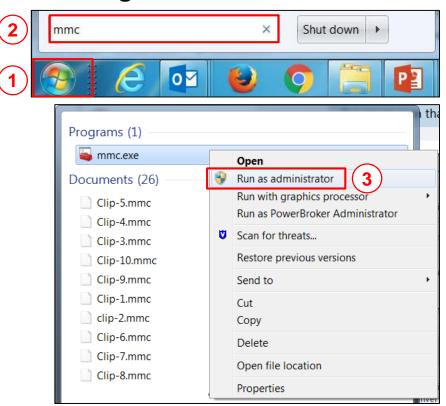


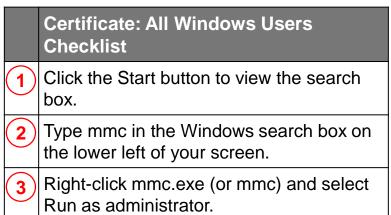


Steps 1-3 differ for Windows 7 and Windows 10. The steps pictured correspond to Windows 10, while the remaining the steps correspond to Windows 7 Windows 10 users can proceed to Slide 45.







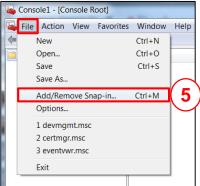


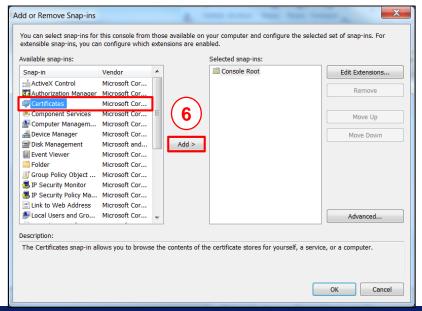


Steps 1-3 differ for Windows 7 and Windows 10. The steps pictured correspond to Windows 7 as do remaining slides.







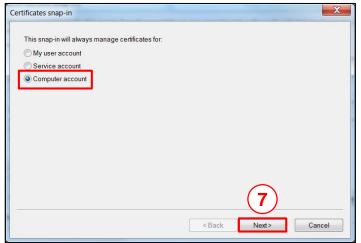


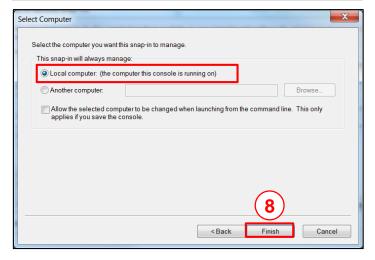
Certificate: All Windows Users Checklist

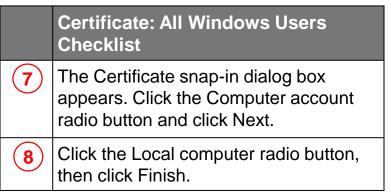
- Enter your workstation administrator credentials as necessary and click Submit.
- The Console 1 dialog box appears. Select File>Add/Remove Snap-in.
- The Add or Remove Snap-in dialog box appears. Under Available snap-ins, select Certificates, then click Add.







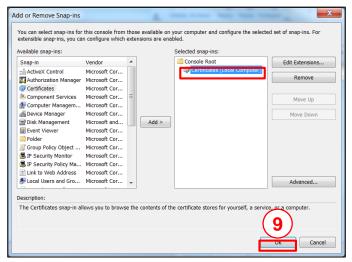


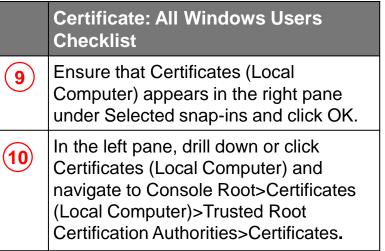


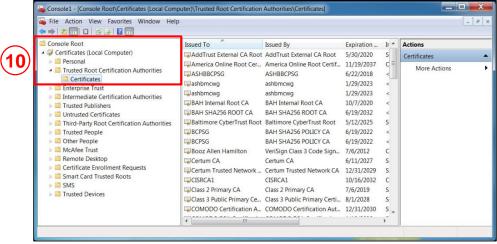


Ensure that the Certificates snap-in dialog appears. If it does not appear, you are not running mmc as a workstation administrator. If this is the case, close the mmc application and start over with step 1.



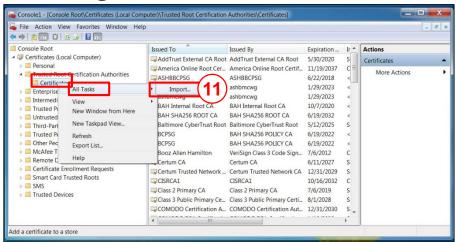












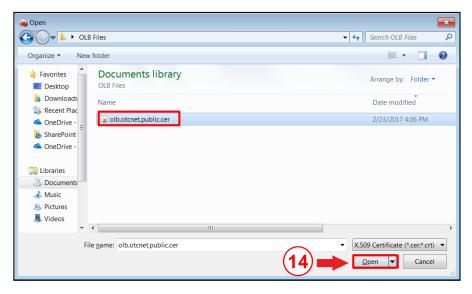


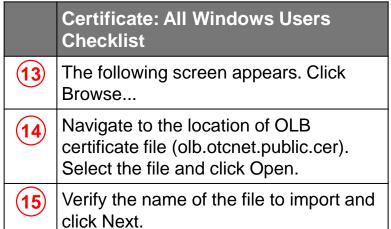


Click Next.



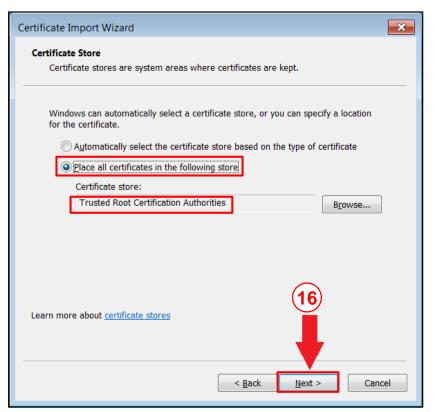




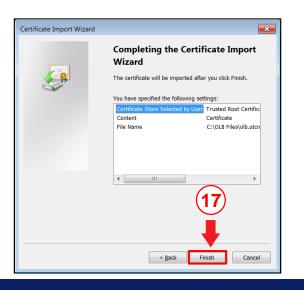






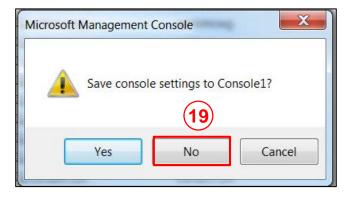


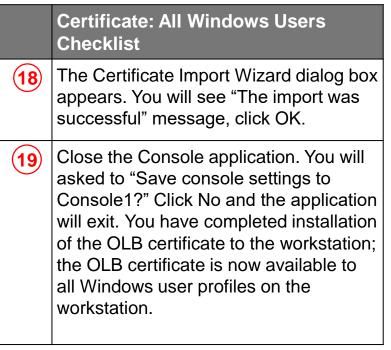














Appendix D: Installing the OLB Application

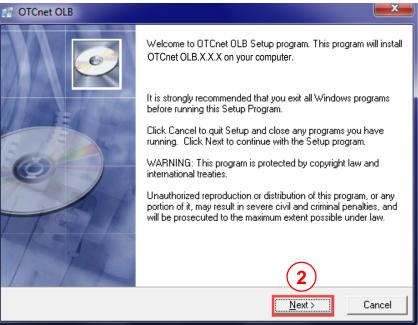




Installing the OLB Application



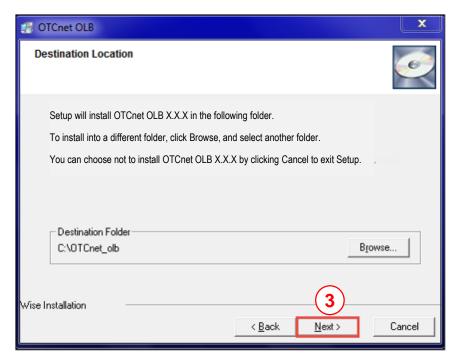




Installing the OLB Application Checklist Double-click the OTCnet OLB file (EXE file) Click Next

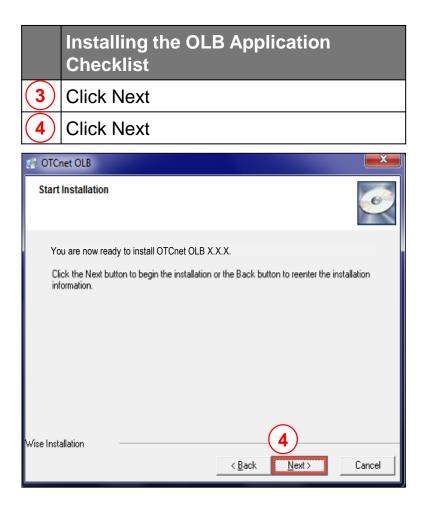


Installing the OLB Application (Cont.)



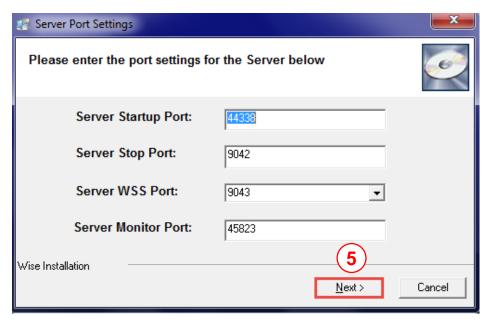


As a best practice, it is recommended that the OLB application is installed into the default destination folder.





Installing the OLB Application (Cont.)





As a best practice, it is recommended that the OLB application is installed with the default list of fixed ports. If your agency has different server port settings or needs, contact customer support.









After you click Finish, the OTCnet OLB start and stop icons will appear on the desktop of the terminal.

Cancel

Finish >

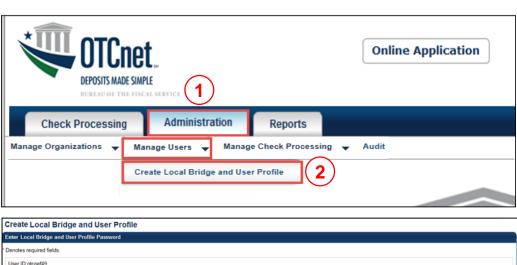


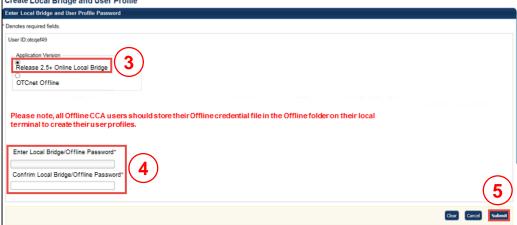


Appendix E: Creating the OLB Profile



Creating the OLB Profile





	Creating the OLB Profile Checklist
1	Click the Administration tab
2	Select Manage Users then Create Local Bridge and User Profile
3	Click the Release 2.5+ Online Local Bridge radio button
4	Enter your Local Bridge Password, and confirm your Local Bridge Password
(5)	Click Submit



The second radio button on this page, OTCnet Offline, applies to OTCnet Offline Check Capture Administrator (CCA) users only.



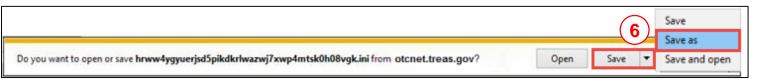
Note that the password criteria will be displayed on the page when you enter and confirm your Local Bridge password.

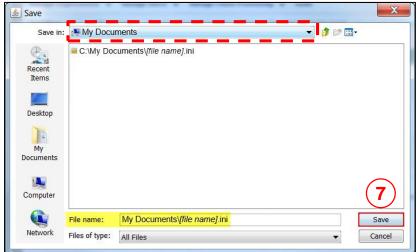


When you click **Submit**, the system generates the OLB credential file based on the application version selected.



Creating the OLB Profile (Cont.)





Creating the OLB Profile Checklist Click Save, and then select Save as Choose the location where you want to save the OLB credential file, and click Save

Note that when you save the OLB credential file, **do not** rename the file as the file name must remain the same as it was generated. If the file name is changed, the OTCnet application will not run.

you can save the OLB credential file to any folder in which you have the ability to save a file (e.g., **My Documents** folder, **Desktop** folder).

If you forget your OLB password, or if you attempt to enter an incorrect password three times (or more), you will have to recreate an OLB credential file through the *Create Local Bridge and User Profile* page and save the file again. You will also have to import your OLB credentials again, which is the next step in the OLB startup process.



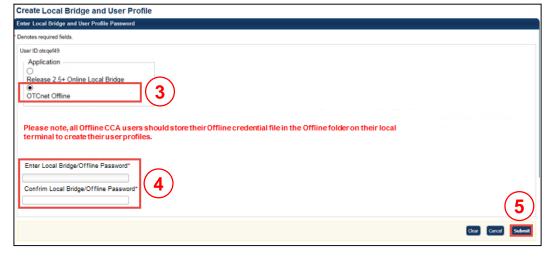
Appendix F: Creating a Check Capture Administrator Offline Logon Profile





Creating a Check Capture Administrator Offline Logon Profile





	Creating the CCA Offline Logon Profile Checklist
1	Click the Administration tab
2	Select Manage Users then Create Local Bridge and User Profile
3	Click the OTCnet Offline radio button
4	Enter your Offline Password, and confirm your Offline Password
(5)	Click Submit



The first radio button on this page, <u>Release 2.5+</u> <u>Online Local Bridge</u>, applies to OTCnet Online CCA users only.



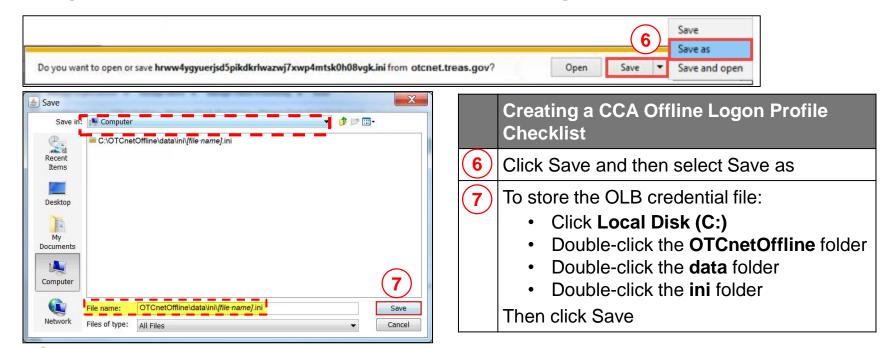
Note that the password criteria will be displayed on the page when you enter and confirm your Local Bridge password.



When you click **Submit**, the system generates the OLB credential file based on the application version selected.



Creating a Check Capture Administrator Offline Logon Profile (Cont.)



Note that when you save the Offline logon profile credential file, **do not** rename the file as the file name must remain the same as it was generated. In addition, you **must** store the Offline logon profile credential file in the OTCnet Offline folder on the terminal. If the file name is changed, or if the file is saved in the wrong folder location, the OTCnet application will not run.

If you click **Save**, the Offline logon profile credential file will be saved in the appropriate folder on the terminal (C:\OTCnetOffline\data\ini\[file name].ini).

If you forget your password, you will have to recreate an Offline logon profile credential file through the Create Local Bridge and User Profile page and save it again to the OTCnet Offline folder on the terminal.



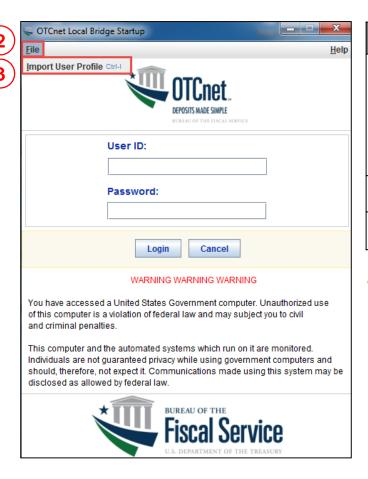
Appendix G: Importing OLB Credentials





Importing OLB Credentials





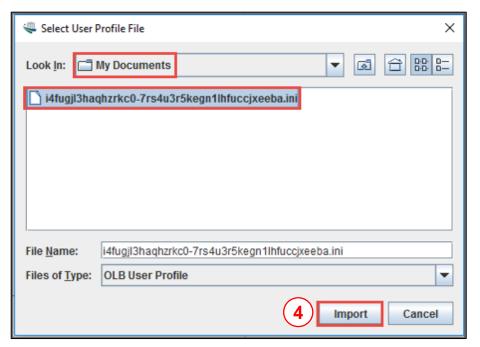
Importing OLB Credentials Checklist Double-click the OTCnet OLB icon located on the terminal's desktop Or Click Start>Programs>Start OTCnet Local Bridge Click the File menu Click Import User Profile

If you forget your OLB password, or if you attempt to enter an incorrect password three times (or more), you will have to recreate an OLB credential file through the Create Local Bridge and User Profile page and save the file again. You will also have to complete this step again – import OLB credentials.





Importing OLB Credentials (Cont.)





Importing OLB Credentials Checklist (Navigate to the location on the terminal where the OLB credential file was saved. Select the file, and click Import

Click OK

Note the default location on the Select User Profile File window is the user's My Documents folder.

Once users have successfully imported OLB credentials, they can proceed with starting the OLB application on the terminal.



Appendix H: Starting the OLB Application

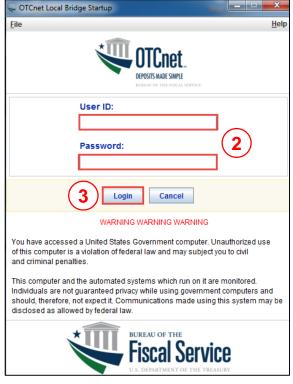




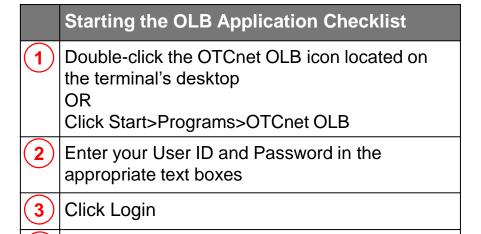
Starting the OLB Application













Click OK

Note that this password is the same password entered when you created your OLB profile.



When you click OK, if you have already started the OLB application, you will receive an Application already running message.



There is no "timeout" with the OLB application (i.e., a suspension or break in OTCnet activity). Therefore, the OLB application will stay connected unless one of the following occurs: the user logs out of the workstation (Windows session), the terminal is restarted or rebooted, or a user stops the OLB application on the terminal.



Once you have successfully started the OLB application, you can proceed to log in to OTCnet Online.





Appendix I: Stopping the OLB Application





Stopping the OLB Application







Stopping the OLB Application Checklist

- Double-click the Stop OTCnet OLB icon located on the terminal's desktop OR Click Start>Programs>Stop OTCnet **OLB**
- Click Yes



If you click No, the Are you sure you want to stop the OTCnet Local Bridge Application? message closes, and the OLB application remains running.



Stopping the OLB application ensures the application is completely closed and that your OTCnet session is terminated securely.



Before you can uninstall the OLB application, you must first stop the OLB application. If the OLB application has been started on the terminal, ensure that it is stopped before uninstalling the application.



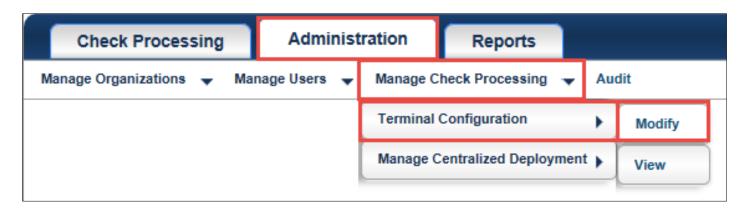


Appendix J: Configure a Check Capture Terminal Online





Configure a Check Capture Terminal Online





If you are configuring a check capture terminal, you must first start the OLB application.



Before starting the OLB application, ensure the following steps have been completed:

- The Check Capture Administrator downloaded the OLB application
- The OLB application has been installed on the terminal
- · The user created their OLB profile
 - Did not rename the OLB credential file (the file name remained the same as it was generated)
 - Saved/stored the OLB credential file in the OLB application folder on the terminal



If you are configuring a check capture terminal and you have not started the OLB application, you will receive the following message: Terminal detection failed. Please ensure that the OLB application is running.



Appendix K: Capture a Check Online – OLB Communication

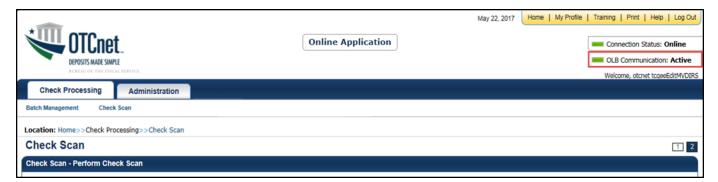




Capture a Check Online – OLB Communication Indicator



The OLB Communication indicator informs users whether communication with the OLB application is active or inactive. This indicator is located in the upper right-hand corner of the screen, under the Connection Status indicator. The indicator will either be green and show Active, or it will be red and show Inactive. Checks can only be scanned when this indicator is active.





If communication with the OLB application is not active, the Start Scan button will be disabled. The OLB communication status must be active in order to scan a check.

