

This handbook will help you install the new version of AsycudaWorld

Welcome to this installation guide of the new version of AsycudaWorld. By the time you finish reading this, you will easily be able to install the new version of AsycudaWorld

We welcome your feedback. If you have any comments, questions or suggestions, please contact us by email: asycudaworld@namra.org.na. We're happy to answer your questions in the context of helping us to improve the introduction of the new Web base application.

Summary

This documentation aims to help the AsycudaWorld user to get started with the AsycudaWorld system.

It will help them to define and prepare the required environment for accessing the application without technical problems. Users will be able to benefit from the resources of the system if the environment is set correctly.

The first part of this handbook explains the prerequisites and software requirements. The second part assumes that the user has been provided with a username and digital signature for accessing AsycudaWorld. It explains how to access the system. The third part of this handbook explains how users can update their passwords and ensure that they have a profile correctly set with the right access rights and properties. It concludes with additional tips to empty the cache folder when required by the administrator.

Finally, the AsycudaWorld system is also known as AW.

Part I – Preparing the environment

A – Hardware requirement

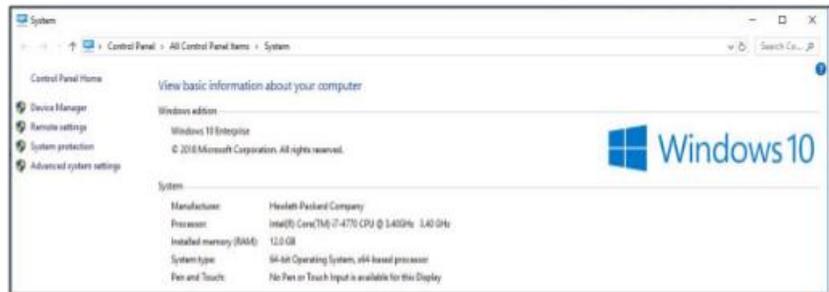
AW client runs on the most popular Java-enabled desktops such as Windows. Linux, Macintosh, Solaris, AIX and others and can be

started from any web browser. However, the users should have the minimum requirements on computers or laptops.

- Processor: 2Ghz or better
- Operating System: Any but preferably Windows 10
- Memory: 2GB or more
- Ethernet card: For Internet access

In order to check your hardware specifications, right click on your computer icon and then choose the properties option.

Example of a proper configuration



B – Internet Connection

Users must have a connection bandwidth larger or equal to 512Kbs in order to use AW adequately. If you are using a smaller bandwidth, the application will operate slower and declarations will take time to retrieve declarations. It is advisable to obtain a large bandwidth to work comfortably and benefit from all the systems' functionalities.

C – Software Requirement

AW is accessible from any browser. Some browsers are: Firefox, Internet Explorer, Google Chrome and Opera. Use the one you are comfortable with.

D – JAVA

AW runs on JAVA. It is therefore a requirement that it is installed on your computer or laptop. The NamRA ICT department is running on JAVA 1.8. It is strongly recommended to have the same version on

your device. You can download JAVA 1.8 from the Internet. It is free of charge.

How to know if Java is running on my computer?



In order to know if Java is running on my computer, kindly open a command prompt windows by:

- • Press the **window button**, then click on **all programs** then choose Accessories and finally select **command prompt**
- • Or press the **Window** key plus letter **R** together and then type **cmd**



At the DOS prompt, type the following command: **java -version**

```
GA Command Prompt
Microsoft Windows [Version 10.0.17134.1902]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\Judith.Munepapa>java -version
java version "1.8.0_121"
Java(TM) SE Runtime Environment (build 1.8.0_121-b13)
Java HotSpot(TM) 64-Bit Server VM (build 25.121-b13, mixed mode)

C:\Users\Judith.Munepapa>
```

If the system responds: **'java' is not recognized as an internal or external command, operable program or batch file'** then it means that java is not installed.

Any version of Java version 1.7.0_81 up to version 1.8.0_144 is correct.

If you have a different message, whether it is an earlier version or higher or java 1.8 then you have to remove it first and reinstall the correct one.

To remove an incorrect version of java, simply access your **control panel**, select **add or remove program** and then choose from the list, the java software to be un- installed.

How to download Java

Before you proceed, it is recommended that you disable your internet firewall. In some cases, the default firewall settings are set to reject all automatic or online installations such as the java online installation.

Therefore, if a firewall is not configured appropriately, it may stall the download/install operation of Java under certain conditions. Refer to your specific Internet firewall manual for instructions on how to disable it

Go to the following web page:

<http://www.oracle.com/technetwork/java/javase/downloads/java-archive-javase8-2177648.html>

Then choose the version Java SE Runtime Environment 8u144, accept the license agreement then download. Select the appropriate operating system. For example, a Windows 32 bits machine will choose [jre-8u144-windows-i586.exe](#) while 64 bits will use [jre-8u144-windows-x64.exe](#).

The file download dialog box appears prompting you to run or save the download file.

- To run the installer, click **Run**
- To save the file for later installation, click **Save**
- Choose the folder location and save the file to your local disk

Tip: Save the file to a known location on your computer, for example your desktop. Double click on the saved file to start the installation process.

The typical screens will be displayed while installing Java. Click the **install** button to accept the license terms and to continue with the installation.



A few brief dialog screens will be presented during the installation, **Click** close on the last dialog to complete the installation.

E – ADOBE ADOBE READER

Most of the printouts and reports in AsycudaWorld are available on PDF format. Installing Acrobat Adobe Reader will help you to access to these printouts and reports. Acrobat is available at:

<http://get.adobe.com/reader/>

In the printfile icon, which is located in your notification area (bottom right corner of your desktop). Select **Exit**.

F – NOTEPAD++ TEXT EDITOR

This tool is optional. It is not required for AsycudaWorld but it will help those who are using manifest in XML format and require to edit the file from time to time. Notepad++ is available at:

<https://notepad-plus-plus.org/downloads/v8.1.4/>

Part II – How to access the system

In this section, we will assume the following:

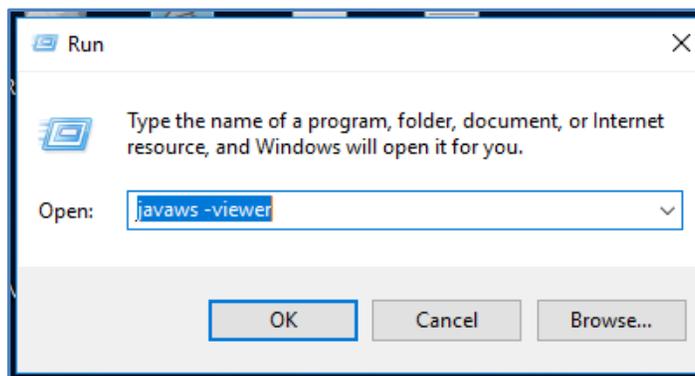
- You have obtained a user ID and password from the AW technical ICT Department.
- You have received AsycudaWorld training

A– HOW TO CONFIGURE YOUR JAVA WEB START PANEL

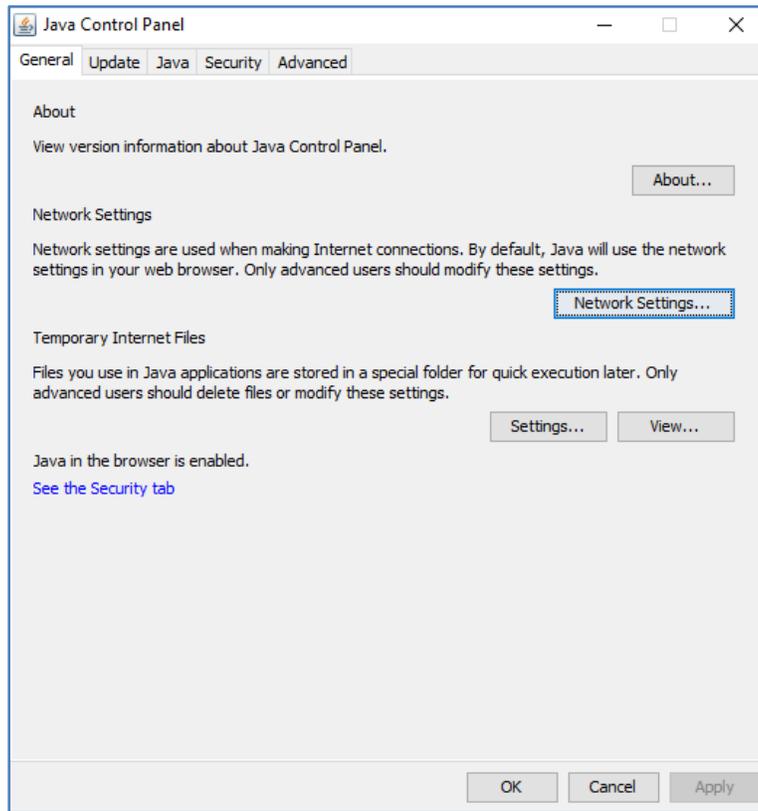
Before your start accessing the system, a last check should be done on your computer to configure the java web start panel if you are using a proxy or a direct connection.

To do so, press simultaneously the window button and the letter R to run the following command:

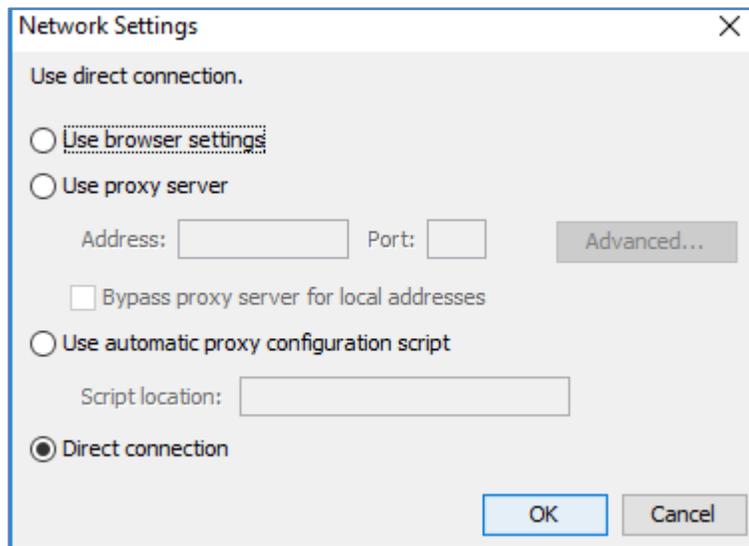
javaws -viewer



The following screen will appear:



Click on the General tab and Network Settings...



If you are a trader or a clearing agent or someone connecting from outside of the NamRA domain, you should choose the **Use Browser settings**.

If you are a NamRA employee or Customs officer connecting from within the NamRA network, a **Direct connection** should be selected.

B– ASYCUDAWORLD PORTAL

ASYCUDAWORLD is accessible through the link

<http://www.asycudaworld.mof.na:8080/asyw/>

The web page offers 2 kinds of connection to the application.

Namibia Customs staff: for those users who are under the NamRA network. This is usually the place for Customs officers and Government agencies.

Internet Users: This link is used for clearing agents, traders, brokers and all users who are out of the NamRA domain notably those connecting via an Internet provider.

By clicking on the full desktop computer screen, you will have access to AsycudaWorld.

C– CONNECTING TO ASYCUDAWORLD

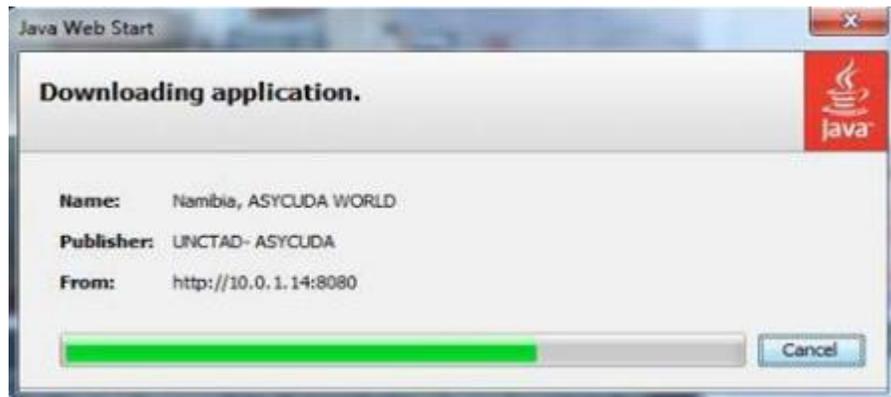
If you have installed the prerequisites software as well as entering the correct web address, you will be able to download the application. A similar link should appear:



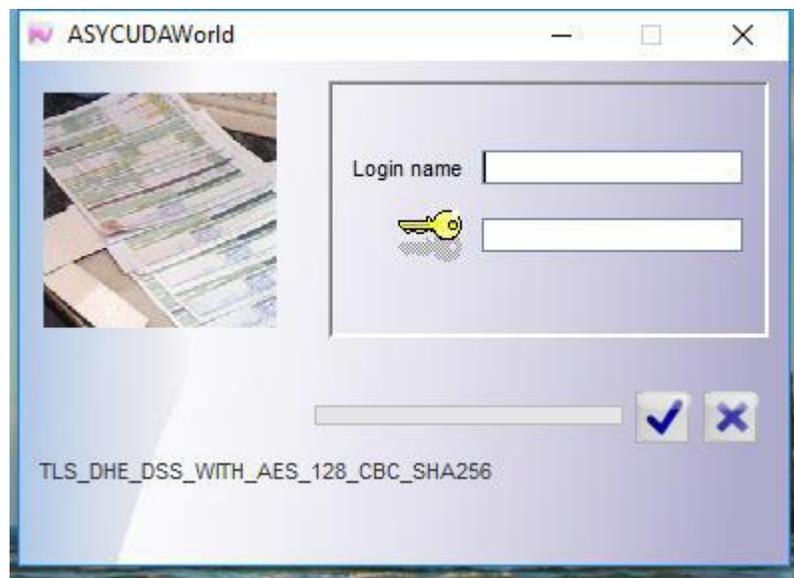
By clicking on the right link of either the Namibia Customs Staff or Internet Users, the system will start to download the application. You should always keep the file to allow the application to RUN or if you have a security warning, you should always trust the content from this publisher.

The system will now download the application. It is done only the first time when you connect from your workstation/laptop. However, if updates are available, they will be downloaded as well.

The following process will appear



After downloading the application, the AsycudaWorld welcome panel will be displayed. Insert your username and password. You should note that the system is case sensitive on both username and password.



After entering the correct credentials, a similar screen will appear:



Congratulations! You are *connected* to AW!

Part III – Frequently asked questions

A– SHOULD I KEEP MY USER CONNECTED TO THE APPLICATION?

It is highly recommended that before you leave the office, you close the application and disconnect from the system for security reasons and also to avoid the administrator of AW to terminate your session while doing maintenance.

B– HOW TO SAVE MY WORK WHEN THE CONNECTION TO THE SERVER IS LOST

Sometimes, users lose their connection to the server while they are processing a declaration. The system will display an error message that the communication between the server and the computer has terminated and request that you exit.

In order not to lose your unsaved work, you should answer **no by clicking on the red cross**. If you pressed otherwise, the session will be closed and will your work. Until the communication is restored, the system will put you on a standby mode until the connection is up. When the communication is restored, the system will automatically detect the connection and ask you to provide your password.

You will be able to see your last declaration without losing the data. However, you **cannot use/register** it but you can save it by exporting it into an xml file format.

C- REMOVING THE CACHE FOR MAINTENANCE

It is advisable to clean your cache folder and cache application where it is required by the Administration team of AW. In order to perform this, you must be disconnected from AW application. Once disconnected, access to your user folder or simply press simultaneously on the window button plus the letter R and insert the character . (dot).

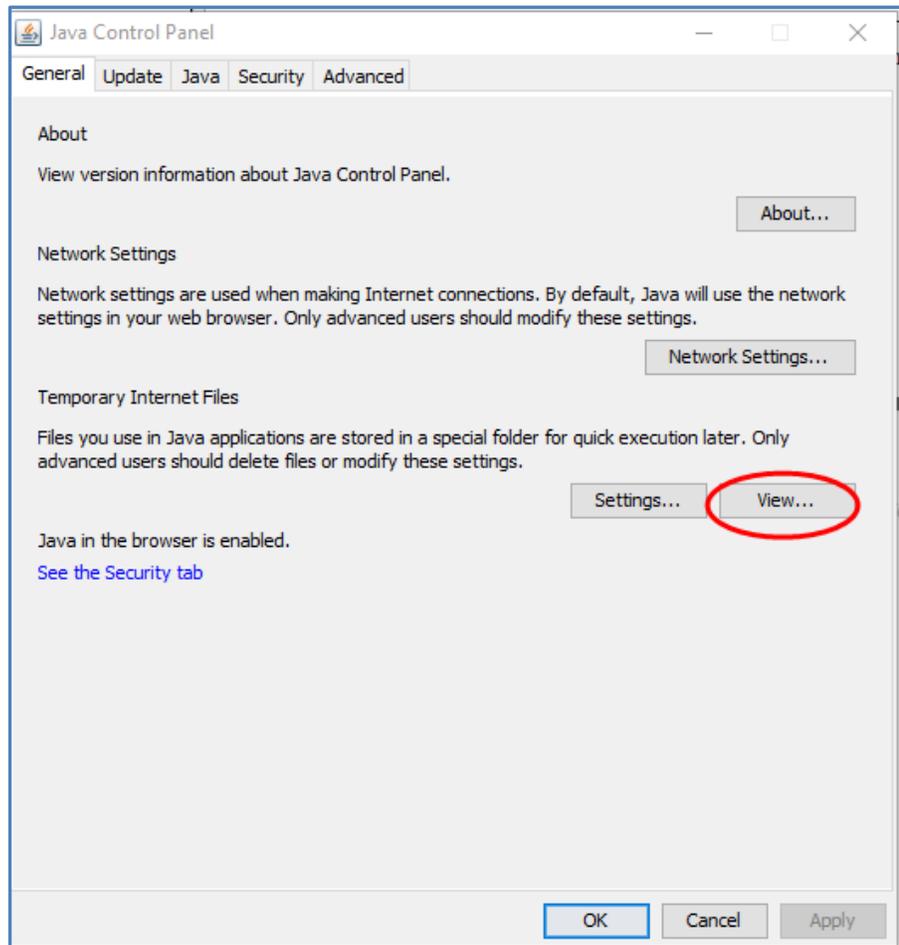


The window will display a folder called **.SOClassCache .** Simply delete it and then connect again to the application.

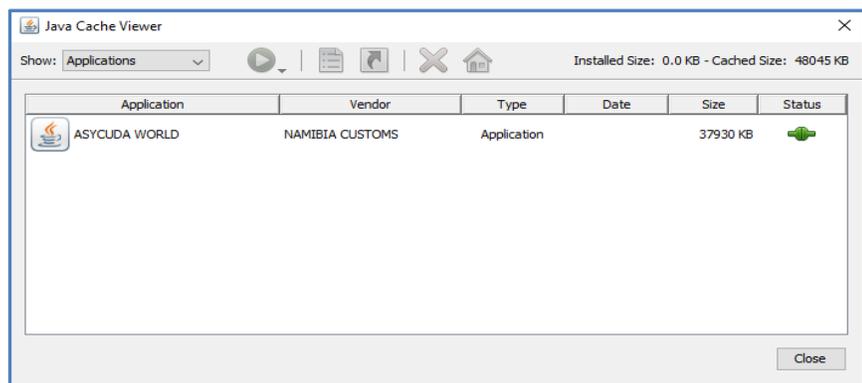
D- REMOVING THE CACHE APPLICATION

It may arise that the Administrator of AW requires that you remove the cache application from the java cache viewer panel. This will ensure that the next time you connect to AsycudaWorld you download the entire application.

To do so, run the command **javaws -viewer** from the run window box.



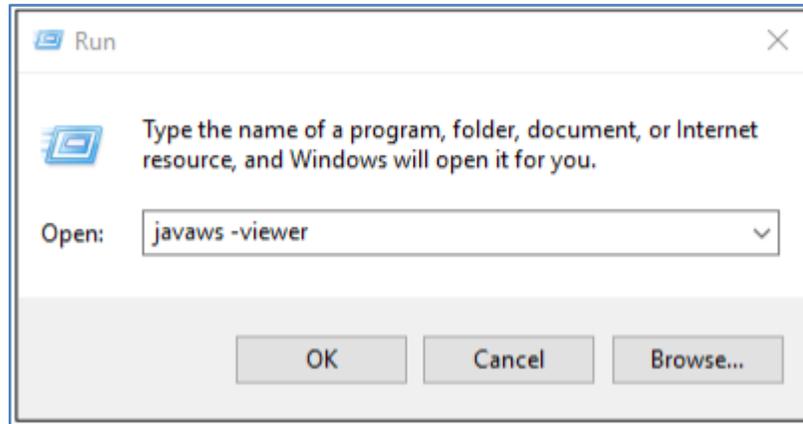
Click on View.



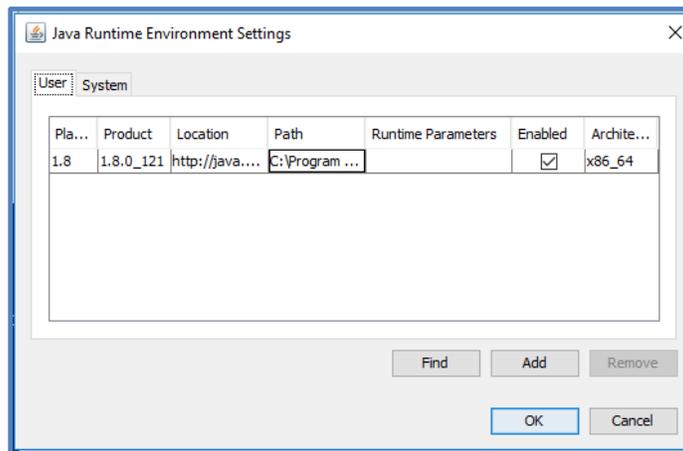
Select Namibia, ASYCUDA WORLD and click on X (delete). If there is more than one, delete them one by one.

E- INCREASING JAVA HEAP MEMORY TO IMPROVE PERFORMANCE (For advanced users)

To do so, run the command `javaws -viewer` from the run window box.



2. Open the java configuration tool



3. Switch to the "Java Tab" and click the "view" button
4. In the runtime Parameters text box enter `-Xmx#m` where # is replaced by a number following the guidelines below

The following settings are based on the available memory on your computer.

System Memory (RAM)	Setting Value	EG
512 MB	256	-Xmx256m
1GB	1024	-Xmx1024m
2GB	2048	-Xmx2048m
3GB	3072	-Xmx3072m
4GB	4096	-Xmx4096m

Please note, the setting beginning with a minus sign and ends with a m. no blank spaces between characters.

5. Press **"TAB"** to move on the field and then Click **"OK"** setting the parameter value. **Please enter the value exactly as shown in the examples**
6. There is no need to restart the computer.