Document Approval

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Revision History

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<th>Date</th>
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<td>02 MAR 15</td>
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1. DCS Web Browser Configuration

It is known that not all systems and software versions are the same within the DoD. If experience does differ in following this guide it is recommended that the native application FAQ is referenced to identify any further needed steps to verify configuration. Please use local system help desks for assistance on software configurations that are not similar to those seen in this guide.

1.1. DCS Web Browser Requirements

Users require a web browser capable of running Flash 11.2. To check the version of flash, visit Adobe's Flash Version Check page.

As of Mac OS X 10.6, Apple stopped updating Flash. If a Mac user is running an out-of-date version of Flash, the version can upgraded by visiting the get Flash player page at Adobe (if permissible by local system admin policy).

To run the desktop sharing, the presenter (and only the presenter) needs to have Java v7u45 installed and configured to web browsers on their system. You can test that Java is installed by visiting Java Test Page (there are download links on this page if you need to install Java).

For bandwidth, we recommend at least 1Mbits download and 0.5 Mbits upload speed. Users can test their actual bandwidth using speedtest.net.

For hardware, we recommend a Dual-core CPU with at least 2G of memory. For Mac, we recommend any Mac running Mac OS X operating system.

- If unable to verify your local versions of Adobe Flash and Java, contact your local system or network administrator.
- If experiencing Java applet load failure or blocked event verify with local system or network administrator that “*.apps.mil” is added to the trusted site list.

1.2. Internet Explorer

- Open the Options panel and locate plug-in and add-ons options location.
Figure 1 Option Menu - Trusted Sites

Figure 2 List of Trusted Sites
• Verify that Java is enabled within the browser.

![Image of IE Internet Options]

Figure 3 IE Internet Options

• From Internet Explorer options page, select “Manage add-ons”

![Image of Options - Manage Add-ons]

Figure 4 Options - Manage Add-ons
• Ensure that the options for java are enabled

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<td>Microsoft Corporation</td>
<td>Enabled</td>
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<td>Enabled</td>
<td></td>
</tr>
</tbody>
</table>

Figure 6 Java Enablement

Trouble shooting:
- If the above operations are correct please contact your network administrator to coordinate further policies requirements.
- Reference the CYBERCOM TASKORD 15-0019 for Ports and Protocol configuration requirements.

1.3. Firefox
For use with most identified FireFox versions, the SSL state with associated CAC must be set correctly upon initiation of the browser and periodically reset to ensure that the prompt for authentication does not prevent access to DCS activities.

• Open the Options panel and locate plug-in and add-ons options location.
• Select the Add-ons button to open a new tab for plugin configuration
• Ensure the Plugins tab is selected.

Figure 9 Firefox Plugins

• Identify if the Java plugin is present and set to Always Activate

Figure 10 Firefox Java presence

• Ensure that the options for java are enabled

Trouble shooting:
- If the above operations are correct please contact your network administrator to coordinate further policies requirements.
- Reference the CYBERCOM TASKORD 15-0019 for Ports and Protocol configuration requirements.
1.4. Chrome

Chrome

- Enter `about:plugins` in the search field.

![Chrome Plugins Access](image)

- In the Plug-ins list, look for **Java** and check whether Java is enabled (if the Disable link appears, Java is already enabled)

![Chrome Java Enabled](image)

- Click on the **Enable** link (if available)
- (Optional) Check the **Always allowed** box to stop additional Chrome warnings when running Java content

Trouble shooting:
- If the above operations are correct please contact your network administrator to coordinate further policies requirements.
- Reference the CYBERCOM TASKORD 15-0019 for Ports and Protocol configuration requirements.