

## Table of known issues for MD2014 with IE11 and / or Java 1.7

Nigel has asked me to supply the latest table of currently known issues for MD2014 with IE11 or Java 1.7.

We have implemented workarounds for most of the issues.

For IE11 this is using either Enterprise Mode or Compatibility View to view the web page as either IE8 with Enterprise Mode or IE7 with Compatibility View.

Enterprise Mode is preferable as we can set individual web sites or pages to view as though being viewed with IE8 rather than IE11, and updates can be applied almost immediately. Compatibility view can only be for a whole site, such as staff.shu.ac.uk, which would mean every page within this site would display as IE7, whether this is required or not.

If neither Enterprise Mode nor Compatibility View work then the next option is to use an alternative browser, and then finally to use IE9 on the affected workstations, so the resolutions are as below:

- Enterprise Mode
  - Compatibility View
    - Alternative browser
      - Use IE9 on affected workstation

you will see from the table, Corporate Systems and departments have tested all of the core services and talked to suppliers regarding their services and support for IE11 which is much appreciated and not easy I suspect with some suppliers, but if issues are reported with using IE11 then please let the Desktop Team know in N&I and we will investigate using the workarounds.

I'm sure there are some services and web pages used by lecturers for T&L outside of IS&T's control and that haven't been tested as yet that might have issues.

If you're wondering why we have moved to IE11 given the above, IE9 is now quite an old browser and doesn't have the same security model or functionality as IE11.

Both Google and Microsoft don't support IE9 for accessing Google Docs or Office 365, with Google actually showing a warning message about using an old an insecure browser, and some web pages require, or work better with IE11, including SHUPlayer.

We also require IE11 for Teaching and Learning, such as for developing web pages within ACES.

Java 1.7 is slightly different, and we haven't had as many issues reported.

MD2013 uses Java 1.6 which is old and unsupported, and has numerous security flaws that are being actively exploited.

With Java 1.7 during testing we have seen some services display a warning message about the Java applet being used not being trusted. We can suppress this message by using an exceptions file for for the web page and have already added the sites discovered during testing. Again, if this is reported please let the Desktop Team know.

We have had Java 1.7 requested for Teaching & Learning by ACES, of course, but also by at least one student who was using an external service that requires Java 1.7.

Java does get updated throughout the year in order to patch security flaws in the code and so we will have to do this through the normal MD update process.