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QLIKVIEW V11 TO V12 UPGRADE CONSIDERATIONS
NOTES AS OF QV NOVEMBER 2017

Many of the enhancements and features available in QV 12 and QV 12.10 are covered in the release notes for the respective releases. This document highlights changes that in my experience, QV 11 customers should consider in planning an upgrade to QV 12. Some of these items may be mentioned in the release notes, some may not. **It is recommended to review the official product release notes.**

UPGRADE CONSIDERATIONS

1. QV12 Desktop and Server are available in 64bit only.
2. Product help files are not installed locally.
    a. Using the Help menu item will take you to the on-line site help.qlik.com.
    b. For offline help, PDF guides may be downloaded from http://help.qlik.com/en-US/qlikview/12.1/Content/Guides.htm.
3. The quarantine period for a named CAL is increased from 24 hours to 7 days (QV12.10).
4. Invalid mapping table name in ApplyMap() will throw script error (QV12.10)
5. Invalid fieldname in an Exist() function will throw a "field not found" script error.
6. Script functions that operate on files will respect the current Directory statement. See http://qlikviewcookbook.com/2016/01/qv12-qvd-functions-respect-directory/ The affected functions are:
    a. Qvd*() functions e.g. QvdCreateTime, QvdNOfFields, etc.
    b. $(Include=filename).
7. (QV12.10) Beginning with QV12.10SR1, Qvd*() functions will throw a script error If the specified filename is not found. An exception to this is QvdCreateTime().
8. Some QV Power Tools no longer function with QV12.
9. The SilentErrorInChart setting introduced in QV11.2 SR11 has been removed.
10. The mechanism for authorizing the script Execute statement has changed. See http://qlikviewcookbook.com/2016/12/qv-12-10-can-execute-external-programs-is-back/

11. Server: File "C:\Program Files\QlikView\Distribution Service\QVDistributionService.exe.config" contains two new settings:

```
<!-- If the CPU usage % goes above this value the machine is considered overloaded and no new tasks will be started. -->

    <add key="CpuOverloadLimit" value="75" />

 <!-- If the memory usage % goes above this value the machine is considered overloaded and no new tasks will be started. -->

    <add key="MemoryOverloadLimit" value="90" />
```

Note that on smaller servers that host both QVS and QDS, the default MemoryOverloadLimit may be reached and tasks will not start.

12. QV12 Does not write the script log to disk until script execution completes. This may be overridden by use of the LocalScriptLogging switch. See the QV12.10SR2 release notes for full details.

13. No <LineageInfo> elements for hidden script statements. Files used in hidden script will no longer appear in the QV Governance Dashboard or any scanner that uses <LineageInfo>.

14. The contents of REM statements will be obscured with "****" in the Document Log. The script statement:

```
REM This is a comment;
```

will appear in the log as:

```
REM **** **** ****
```

15. QV12 has changed the rules for how variables with equal signs are calculated when using Alternate States. See the release notes and http://qlikviewcookbook.com/2017/09/qv12-variables-with-alt-state-fix/

16. QV12.10 ConvertToLocalTime() does not consider DST (daylight savings time) when a placename parameter of "GMT-nn:nn" or "UTC-nn:nn" is used. Locale placenames such as "Eastern Time (US & Canada)" will use DST as in QV11.

17. (Nov 2017) Script contains macro module references will fail with syntax error unless BNF script mode is turned off. See the release notes for options to turn off BNF mode.

MISCELLANEOUS IMPROVEMENTS

1. A script STORE statement with a missing directory will now throw a proper error message.
2. WeekDay() function has optional second parameter to specify first day of week.