Appchkrs' Release Notes,
 for
appchkr, dbchkr, facilitychkr, networkchkr, securitychkr,
serverchkr, smbchkr, testchkr
By Nova Software, Inc.,   www.nova-sw.com

0.77   190114
    - added
    - changed
    - improved
    - removed
    - fixed -- minor update and rollback bugs in rel 0.76, copyright date update
    - new issues

0.76   190113
    - added -- Printing of alerts to a file
    - changed -- ConnectTimeOut and Retry to Setup keys for advanced types
            -- Uptime Report name to Uptime Summary Report.
    - improved
    - removed -- slight variations (a few secs.) in Intervals.
    - fixed --
    - new issues

0.75   181217
    - added -- Timestamp to start and stop alerts
    - changed – sohochkr to smbchkr
    - improved
    - removed
    - fixed -- minor update and rollback bugs, status report occasional internal error,
    - new issues

0.74   181028
    - added -- Date and time of the corresponding log message to alert error messages
            -- Table of contents to Advanced, Knowledge Base and Cfg documentation.
    - changed -- sort order of targets from ASCII to "natural" order.
    - improved -- Error logging for alert-on-up errors in selected types.
    - removed
    - fixed -- ability to use spaces on MSWindows in cfg file pathnames
            -- Other minor bugs and documentation issues.
    - new issues – intermittent internal error on reports w/o functional effect.

0.73   180621
    - added -- ERROR_UWI.txt file to flag a port number conflict on UWI startup.
            -- UWI uses uwi_port_number.txt file's value on startup without port number.
            -- Product icon in UWI browser tab
            -- Request for email address during install process.
            -- Confirmation of choices during install.
            -- Specialty types auto-select their type from numbered install files.
            -- HOW-TO-RUN.txt file
            -- Start menu shortcuts on Windows.
            -- Cfg alert added giving allocation of license count
    - changed
    - removed
    - fixed -- user input logic on install
    - new issues -- one loop executes after dynamically adding a target before the target
      is recognized and subscription license count allocated to it.

0.72   180512
    - added
    - changed
    - removed
    - fixed -- Bug for Subscribers auto updating on Windows.

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        - new issues


0.71   180509
     - added -- Error check on unzipping during update.
     - changed
     - removed
     - fixed -- A minor update issue on Linux with a watchdog running.
            -- Occasional internal error on uptime report restart.
            -- Bug requiring two update attempts on Windows.
     - new issues


0.70   180425
     - added
     - changed
     - removed
     - fixed -- Failure of the View:Log menu item in the UWI in MSWin10 v.1709 and later.
            Appchkers UWI on Linux and all core (non-UWI) Appchkrs functionality on
            either OS is not affected, nor is any Appchkrs UWI on Windows functionality
            prior to Win10 v.1709 affected.
            -- A rare bug causing installation to sometimes fail.
     - new issues

0.69   180321
     - added -- restartuwi commands, HOW_TO_INSTALL.txt file
     - changed
     - removed
     - fixed -- bug causing failure of certain commands after an update.
            -- bug causing failure of certain install and update commands on Linux when
               a carriage return alone, without a preceding character, was entered.
     - new issues -- Install may not exit on Windows if there is no network connection.

0.68   180212
     - added – KB note on how to verify Appchkr is running.
     - changed – default interval from 5.0 to 2.0 minutes.
     - removed
     - fixed – bug in app naming during install introduced in 0.67
     - new issues

0.67   171218
     - added – descriptive text to Appchkr types selected during install.
     - changed
 - removed
 - fixed
 - new issues

0.66   171127
 - added – samples
 - changed
 - removed
 - fixed -- misc minor issues, some install/update related.
 - new issues

0.65   171125
 - added
 - changed
 - removed
 - fixed -- misc minor issues, mostly security and subscription related.
 - new issues

0.64   171122
 - added
 - changed
 - removed
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- IPmethod cfg key -- switched back to using ipmethod in protocol key when needed.
- fixed
- Auto up/downgrade for normal PROD intervals
- Misc other minor functional and doc issues.
- new issues
- Report column alignment needs to account for 3 sequence digits added to
discovered targets names.

0.63 - 171119 Dynamic discovery changes removed and discovery limited to startup only.
(networkchkr, serverchkr, and appchkr only.)   Startup does not complete (startup
files fully written and available for reading) until discovery is complete which
can range from a few seconds to hours depending on cfg settings. Checking begins
following that. Also Minor bug fixes, empty alertmethod now allowed, some
documentation fixes, added alerting cfg samples.

0.62
    - 171114 Linux perl updated to match Windows and startup issues on each fixed.
      Discovery dynamic cfg changes and logging added, numerous minor fixes.

0.61
    - 171108 SW Updating working now on Win w/ perl 24.3, but no perl for linux
      in this release, so new installations won't run at all on Linux. Updates ok.

0.60
    - 171108 SW Updating on Win doesn't work due to SSL bug in Strawberry perl 20.x

0.59
    - 171101 In free mode a cfg file with more than 10 targets has the section
      of the 11th target showing in the log, without any of the rest of its cfg
      lines, and in spite of the fact that it is not used. No functional effect.
      Fixed by release 0.65 at least, possibly a little before that.

0.57
    - 171031 On some systems the UWI (user web interface) is slow to open the
      first time after startup, or may require two tries to open. Only affects
      the initial attempt to open the browser page.

0.54 and earlier
    - 170904 'The batch file cannot be found.' and similar messages at the end
      of install, update, and uninstall on MSWindows are due to a long-standing
      Windows bug. There is no associated error. Similarly some 'Could not
      find...' and similar messages are expected in these processes for files
      which are only occasionally present.

    - 170807 A mail server which uses only the GSSAPI mail client
      authentication mechanism (unusual) will not work with an Appchkr
      running on a Windows host. One work-around is to run the Appchkr on a
      Linux host instead should this occur: The same download works on either
      type of host OS. Appchkrs running on Linux can use the GSSAPI
      mechanism. Alternatively use a different email account on a different
      mailserver accepting a wider range of commonly-used authentication
      mechanisms.

    -170807 On MSWindows command prompt windows flash on and off briefly
      within a few seconds after startup of both Appchkr and the UWI. A
      long-standing MSWindows cmd script bug. No functional consequence,
      just annoying.

    - added
    - changed
    - improved
    - removed

- fixed
- new issues