Nova Software

Appchkrs' Release Notes,   www.appchkr.com
 for
appchkr, Inetchkr, networkchkr, serverchkr
dbchkr, facilitychkr, securitychkr, smbchkr, testchkr,

By Nova Software, Inc.,   www.nova-sw.com

1.30 201005 Replaces all previous releases – requires reinstall.
   - added -- Yearly and One-time purchase license types
   - added -- https to the User Web Interface (UWI)for security
   - added -- enciphering email passwords to the UWI menus
   - added -- license activation to the UWI menus
   - added -- UWI login account creation to the UWI menus
   - added -- http access to the UWI for Realtime Status Panel display and updates
   - changed -- Pricing by target-count ranges to per-target pricing
   - improved -- the User Web Interface usability on mobile devices
   - removed --
   - fixed -- Two minor Appchkr commandline option bugs
   - new issues

1.21 200622 Updates rel. 1.20 and on.
   - added -- History reporting to Inetchkr
   - added -- error details on email failure to connect
   - changed -- auto restart name in Windows task scheduler
   - improved -- Some documentation, WW_tracker10.cfg, XOAUTH2 issue
   - removed
   - fixed -- missing cfg descriptions, other minor bugs in Inetchkr
   - new issues

1.20 200615   Updates rel. 1.10
   - added -- Inetchkr type & cfgs for Internet Performance Tracking
   - added -- Links to reports in the UWI Realtime Status Panel
   - added -- Code signing certificate to install
   - changed
   - improved -- Some documentation elements
   - removed
   - fixed -- a couple very minor issues
   - new issues

1.10   200530 Updates rel. 0.71 and on.
    - added -- UWI: Cfg file download, and Realtime Status Panel.
    - changed -- Focus to ease-of-use, without sacrificing power.
    - improved -- Install process to be more automatic & user friendly.
    - removed --
    - fixed -- Heartbeat data when reports do not run every loop.
    - new issues -- Heartbeat data may be inaccurate after a dynamic reconfig.

1.09 skipped – No release.

1.08   200320 Updates rel.0.71 and on.
    - added -- Autorestart option on host machine restart for privileged users.
    - changed --
    - improved -- Install and uninstall process
    - removed --

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      - fixed --
      - new issues --


1.07   200121  Updates rel0.71 and on.
      - added -- 'Default' option to list the saved cfg file names for running.
             -- 'Run default cfg' item to UWI 'Running...' menu.
             -- 'Default cfg file names' item to UWI 'Info/Configure...' menu.
             -- Starting multiple instances with a single action (subscribers)
             -- Windows shortcut to run checking with the default cfg.
      - changed -- Startup (run) command to use and save default cfg file names.
      - improved -- Software update and rollback processes.
      - removed --
      - fixed -- running with cfg files with absolute file paths
      - new issues -- SW update now works only with recent releases defined above.
                   -- UWI sw update message refers to 'restartall' command, should be
                      'restartuwi'


1.06   191124
      - added -- Install and startup notes about using MSWin 'switch user' mode.
             -- Logging of release number periodically
             -- Uninstall shortcut to Windows Start Menu
      - changed -- Protocol name smtp_s to smtp_secure
      - improved -- Documentation and messages
      - removed --
      - fixed -- 'LogFilePath' cfg param missing from networkchkr in rel 1.04.
      - new issues --


1.05 - No release, skipped.


1.04   191101
      - added -- Option to lookup SMTP server URL from email address, for use in cfg.
             -- Date and time to CFG alerts.
             -- Run command simplification (see doc for -run option)
             -- File alerts to specialized types
      - changed --
      - improved -- Documentation
      - removed --
      - fixed --
      - new issues --


1.03   191006
      - added -- Install process and doc improvements
             -- SSL(TLS) from the start for Email (port 465)
      - changed --
      - improved --
      - removed --
      - fixed --
      - new issues --


1.02   190925
      - added -- Restart of *.cttimes file every day (leading types only)
      - changed -- Some latency cfg defaults and ranges - see cfg doc.
      - improved -- Connect Time Latency documentation
      - removed --
      - fixed -- *W1* to appear when configured as 'WarnOnFirst' = 1.
      - new issues --
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1.01   190918
    - added -- Connect time capture and logging to the microsecond – all types
            -- Connect time latency reports and alerts in the 3 leading types.
            -- Display changes to Uptime History – see doc.
    - changed -- Interval default to 1.0 for the leading 3 types.
              -- **W1** to *W1* to indicate a warning rather than error for WarnOnFirst.
    - improved -- 'WarnOnFirst' operation – see the cfg info for this key in this
                  release's documentation.
    - removed -- 'NoUptime' cfg key, replaced with 'UptimeOn' key. See cfg doc.
    - fixed -- UptimeDataSave operation for 3 leading types only.
            -- Reports not updating in realtime in the UWI in rel0.91
            -- Listing of target names in the History report to match checking order.
    - new issues -- On the first run of a cfg file, or with a change of the report
      directory path, an ERROR will be logged about missing *.*times files. This is
      expected since no such files have yet been written in the directory, and will be
      eliminated after the first checking loop completes and thereafter. (leading 3 types
      only.)

0.92 – 1.00 These release numbers have been skipped. Release 1.01 follows 0.91.

0.91   190814
    - added -- 'All' option to Uptime History report to show all targets
            -- More details to History report header and footer.
    - changed --
    - improved -- Uptime History report to show only targets with changes by default.
    - removed --
    - fixed -- Creation of group uptimes file and raw data file backups (*.prv)
    - new issues

0.90   190703
    - added -- Realtime saving of a new raw uptime data file
            -- Interactive realtime Uptime History Graphical Report
            -- ReportPeriod info restored to Status Report (removed in 0.82)
    - changed --
    - improved -- Update process to include more 'Start...' and 'Stop...' command files,
                  especially on Linux.
              -- Clarity of numerous minor documentation points
    - removed
    - fixed -- Minor cfg validation escapes
            -- 'Stopall' function in the UWI when user path does not include '.'
            -- Several very minor bugs and functional issues
    - new issues -- History graphs in the UWI may not resize when the browser window is
                    resized while the graphs are being viewed. (Resize the window first,
                    then open the graphs.)

0.83 – 0.89 These release numbers have been skipped. Release 0.90 follows 0.82.

0.82   190602
    - added -- Viewing of Alerts files in the UWI
            -- StopAll function in the UWI 'Running...' menu.
    - changed -- 'OnlyWarnOnFirst' cfg key to 'WarnOnFirst' to avoid ambiguity.
    - improved
    - removed -- Report Period info from Status Report as not relevant
    - fixed -- A minor bug in updating on Windows, and several other very minor issues

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        - new issues

0.81   190506
    - added -- User configurable titles and subtitles to uptime and status reports
            -- Sample cfg file that checks Google, Facebook, MS, Apple web servers.
    - changed -- Connect timeout lower limit from 1.0 to 0.1 sec.
            -- cfg key name MaxLifeTime to MaxRunHours,
            -- cfg key name WarnOnlyOnFirst to OnlyWarnOnFirst,
            -- saved log file name from *.log_old to *.prv.log
    - improved -- Report period 5 to show as 'Weekday' or 'Weekend'
    - removed
    - fixed -- minor logging and alerting time reporting bug
    - new issues

0.80   100505 Do not use.

0.79   190323
    - added
    - changed
    - improved -- Multi-user handling on the UWI
    - removed
    - fixed -- minor bugs in activation, UWI and documentation.
    - new issues

0.78   190123
    - added -- WarnOnlyOnFirst cfg key to advanced types for first down alert
    - changed
    - improved
    - removed
    - fixed -- minor bug fixes to logging, install, update and uninstall.
    - new issues

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
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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.
    - 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.
            Appchkrs 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
 - 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