genua Remote Secure Integration (genuReSI) App Changelog

Version 1.17

- With this version, L2TP functionality is no longer supported.

- Amended the path to the online manual.

Version 1.16

- The installation of the Microsoft Loopback driver (required for S7 forwarding) is now possible directly from genuReSI.

- Rendezvous Box cluster support

- A configuration update via the GUI button could cause an error message. The problem is fixed.

Version 1.15

- Bug fixes for YubiKey and RADIUS authentication

- Local remote maintainer configuration updates can now be executed via GUI button for all maintenance associations

- The display of maintainers in the operator view is now configurable.

Version 1.14

- OpenID Connect support

- Login dialog support for multi factor authentication (e.g., combined YubiKey and RADIUS authentication)

- FBZ and service boxes are sorted alphabetically now

- Update to Microsoft .NET 4.8

- SSH.NET: Vulnerability CVE-2022-29245. The problem is fixed

- Empty files produced by a download while archiving an infected file. The problem is fixed.

Version 1.13

- New genua design and renaming to genuReSI

- Accelerated app startup

- Auto update functionality via genua support portal

- Remote maintainer authentification via SSH key + RADIUS

- Crash after installation of a defective plugin The problem is fixed.

Version 1.12

- New genua signature for the executable

- Update maintainer configuration even if the connected maintenance association was removed

Version 1.11

- Delayed loading of translations during startup of version 1.10. The problem is fixed.

- Display virus scanner results if a virus scanner is used to scan recmote file transfers

- Operators are no longer asked if session recording and file transfer should be enabled if these options are marked as permanent in the genucenter.

- Recmote shared disk drives not displaying file names containing umlauts. The problem is fixed.

- A memory leak in the maintainer and operator SSH connections has been fixed

Version 1.10

- Support for maintainer and operator challenge response authentication

- Maintainers and operators have to agree to the recording of a remote maintenance session before the VNC window is displayed.

- On keyboards with a German layout, some key combination containing the Alt Gr button (e.g., | or ~ did not work as expected. The problem has been fixed.

Version 1.9

- Support for SSH host keys und private keys using ECDSA (NIST 256, 384, 521) and Curve25519

- Default timeout for genubox SSH commands was extended to 5 minutes. In addition, SSH timeouts may be changed via the settings now.

Version 1.8.1

- The VNC widget did send too many update requests to the service box. This caused display errors.

- A problem concerning SSH connections that, e.g., caused the SSH server to send a SSH global message on keep alive has been fixed.

Version 1.8

- The SSH library was renamed to avoid conflicts with other installations.

- Added a toggle button for windows scaling to the VNC window

- Problems concerning special characters in the VNC widget fixed

- Support for Windows system health check via Windows Security Center

Version 1.7

- Support for rendezvous SSH with LDAP

- Support for API version 5.5

- Support for display and manipulation of maintenance session duration

- Support for environment variables in command names and arguments

- Occasionally, mapping addresses were not removed from the loopback adapter on exit

Version 1.6.1

- Support for port lists

- Operator view displays service box storage utilization now

- Bug that caused the `enter` command to be executed twice during recorded SSH maintenance sessions. The problem is fixed.

Version 1.6

- During auto update of the remote maintainer configuration the SSH port is taken into account now

- Support for API version 5.4

- Support for PKCS#11

- Forwarding host and port for NAT or RDR gateways (like genugate or TCP relay)

- HTTP proxy support for SSH

Version 1.5.1

- Reset the local forwarding address if the genucenter has by mistake configured an S7 address as the local forwarding address

Version 1.5

- Operators can use the GUI to save maintenance session log information directly to a file

- Support for recmote access control

- On startup, a warning message is displayed if an obsolete .NET version is used. Using an obsolete .NET framework may lead to unexpected behavior or crashes

Version 1.4.1

- Application crash after using an imported connection for the first time fixed

Version 1.4

- Display name and description of maintenance targets

- Support of SSH mapping addresses on Microsoft loopback devices. This is used for protocols which do not accept localhost addresses as a target, e.g., Siemens Simatic Manager for S7

- Auto import of new maintenance relationships and targets for the maintainer during runtime

Version 1.3

- Multiple improvements and bugfixes

- Support for portable mode

- Introducing plugins (commands and themes)

- Support for optional 2FA via Yubikey

Version 1.2

- Multiple improvements and bugfixes

- Support for file transfers

- SSH hostkey verification using genucenter information

- New icon set with colored icons

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