What is New in VeraLab 8.6.1

Release Date: 30-August-2020.

If you are upgrading from previous version, hit Ctrl + F5 key combination in your browser before logging into web application after the upgrade. This will force browser cache refresh. If you are upgrading from a version prior to 8.0.1, please review previous 8.0.1 and 8.2 Release Notes available on our News Page: http://www.veralab.com/news.jsp.

VeraLab Enhancements

1. Remote Access to Lab's workstations. If enabled users will be able to invoke remote connectivity to available (non-occupied) stations in the labs on campus via Remote Access Page or via LiveMaps. Detailed steps are listed in the **VeraLab Remote Access Guide**. Please note that Operating System column does not detect client OS automatically, the value is retrieved from the "Image OS " attribute defined for that image.

2. If you are a customer with Book App module, you will need to request a new license key before upgrading to this release. Contact us at sales@veralab.com.
3. This version contains new tech stack See Tech Stack Updates section below.
4. Remote Client Update supports remote update of LDAP-enabled clients. Go to Tools -> Remote Client Update -> Add new Job to submit client update from VeraLab server. Review instructions on that page – client executables must be placed into update directory on the server.

Remote Client Update

PC clients:	Mac clients:
No update package(s)	No update package(s)

Warning: remote upgrade is supported for VeraLab Guard versions 6.0 and higher!
In order to use this functionality with newly released VeraLab clients, you must download latest client package from www.veralab.com (if you have non-customized implementation of VeraLab) or request a customized version from support@veralab.com. Copy PC (.exe) or/and Mac (.dmg) files into C:\Veralab\tomcat\webapps\veralab\update\ directory on the server before running this update.
Please select exe or dmg file with new version of VeraLab Guard for remote upgrade. Once you make necessary selections in this wizard and click on the "Start Upgrade" button on the last page an upgrade process will begin and it will continue even if you close the browser. If client is turned off at the time when upgrade was initiated, it will start upgrade process first thing after connecting to VeraLab server. Therefore upgrade may take from several minutes to days and comprises the following cycles: new files are pulled from the server by selected and compatible PC or Mac stations as long as they are connected to the server; upgrade process is triggered by one of VeraLab events on the client, e.g. session log off/on, monitored software was started, etc.; once upgrade is completed, station will transmit its status to the server. This is an asynchronous process and will continue until all selected stations report their status back to the server. To avoid cyclic dependencies, only one cycle of upgrade is attempted.

◉ Update all compatible stations
○ Select stations on the next step

☑ Autologon account credentials for LDAP-enabled clients. This account is used on LDAP-enabled clients to automatically login to windows without password.

Username [   ]
Password [   ]

Notice: this feature only works with windows LDAP clients version 8.5.4 and higher.

5. To troubleshoot performance issues with application server a new button "Create Heap Dump" has been added to VeraLab Server Manager.

Tech Stack Updates

VeraLab version 8.6.1 comes embedded with the following updated tech stack components.

- JDK - AdoptOpenJDK 11.0.8.
- PostgreSQL 10.14.
- Tomcat 8.5.57, addressing CVE-2020-1938.

Bug Fixes

VeraLab version 8.6.1 includes minor bug fixes discovered in version 8.5.x and interim updates released after 8.5.1.

Reporting a Bug

Found a bug? Please submit a bug to support@veralab.com.

Thank you for using VeraLab and for taking the time to send us your feedback!