

What is New in VeraLab 8.1.1

Release Date: 23-October-2017

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 Release Notes available on our News Page:

<http://www.veralab.com/news.jsp>

Enhancements

1. VeraLab version 8.1 Installer has both, VeraLab Standard Edition and Enterprise Edition installation options. This is the first official release of VeraLab Enterprise Edition. If you are upgrading from previous versions, you will be automatically upgraded to VeraLab Standard Edition. To learn more about Enterprise Edition, please review latest Documentation and FAQ pages on our web site.

Department Math Department Welcome, Administrator VeraLab

Setup Shift Board Lab Control Manager Board Licenses Reports Issues Student Portal Tools

Self-Service Stats

Lab Status

Room	Vacant	Occupied	Connected	Offline	Unavailable	Total
M100 Room	0	1	1	0	0	1

Lab Logins Statistics

Room	Today Total	Today Unique	Week Total	Week Unique
M100 Room	0	0	0	0
Total	0	0	0	0

[More Analysis...](#)
This task will display only rooms with Self-Service Sign-in Mode. If you do not see some of your rooms, go to Administrator->Rooms-> Edit [room] and modify Sign-in mode attribute to "Self-Service".

Users Currently Online

Username	Sign On IP Address
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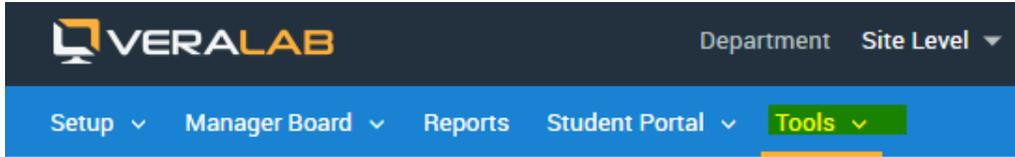
Real-Time Occupancy by Room

Occupied Vacant Offline

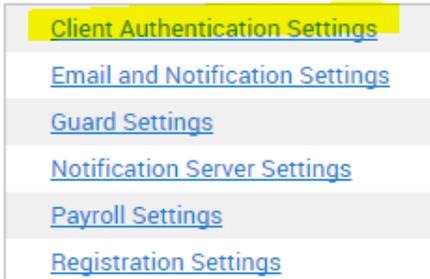
2. Remote login for LDAP-enabled clients (**Note: requires VeraLab client version 8.1 or higher**). This new functionality allows unlocking one or multiple client workstations remotely from VeraLab web application. It is useful for performing maintenance activities or when you need to

gain access to client sessions fast without logging in at each station. To enable it, please complete the following steps:

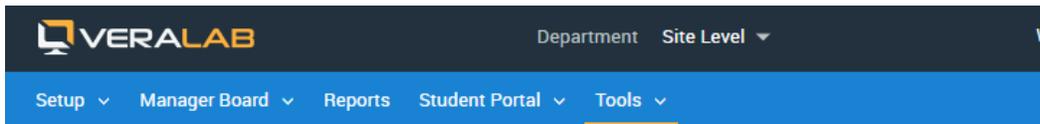
- a. Go to Tools -> Settings -> Client Authentication Settings.



Settings



- b. Set "Enable Authentication for clients running LDAP version of VeraLab Client" value to True.
- c. Set "Enable Maintenance Account" or/and "Enable Admin Accounts" values to True. You would use those accounts to logon remotely.



Edit Client Authentication Settings



Name	Value
Enable Authentication for clients running LDAP version of VeraLab Client	True
Enable Maintenance Account Maintenance Account is used to bypass LDAP authentication and grant access to client session in situations when connection to LDAP server is broken.	False
Maintenance Account Username	jsmith
Maintenance Account Password	nopass
Enable Admin Accounts (true/false)	True

VeraLab locally bypass used by LDAP d

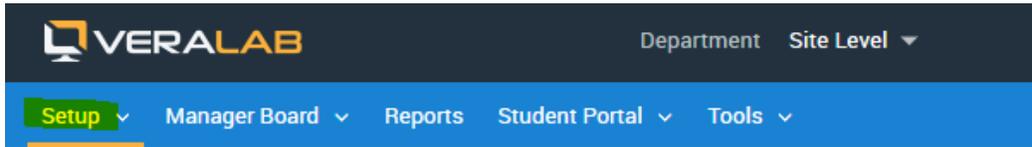
Admi

Admin allow t authen Account Admin default

Maini

Mainte with he accoun with pr future

- d. Configure “Maintenance Account” credentials on the “Client Authentication Settings” screen or add Admin Account(s) under Setup -> Admin Accounts.



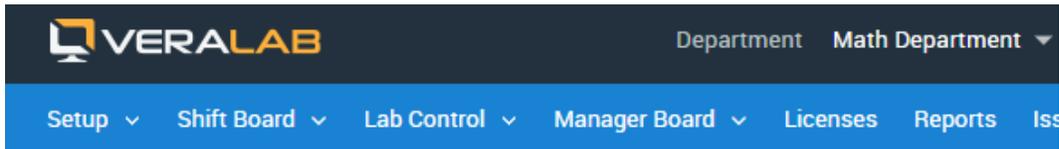
Admin Accounts Dashboard

+ Add Admin Account

Admin Accounts are cached on the clients and allow to login to client OS bypassing LDAP authentic

Username	Active	Department
adminuser	<input checked="" type="checkbox"/>	Global

- e. Go to Tools -> Diagnostics or Monitoring task, select one or more stations and you should see “Remote Login” option in the “Action” drop-down menu. Click “Execute”.



Monitoring Math Main Counter

Change Counter

Action: --Select-- [Execute] Wake-up All

Station s: --Select--
 Send Message
 Lock
 Unlock
 Remote Login
 Logout
 Shutdown
 Restart

Use Available Processes Screenshot V

Locally every 120 seconds. Last update: 24-October-2017 1:52:4

[Execute]

- f. A new window will pop-up where you need to enter Maintenance or Admin account credentials and click Login button. Station screens will be opened remotely.

Remote Login

Login *

Password *

You can use only maintenance account or one of admin accounts

3. VeraLab Client has improved upgrade process and includes Windows VeraLab Guard Service removal prior to upgrade. This enhancement is added to help resolving number of issues with remote update deployments.
4. VeraLab has been certified with the following OS versions: Windows 2016, Windows 10 Fall Creators, macOS High Sierra.

Bug Fixes

1. Username field has been truncated to 256 characters, to match MSAD sAMAccount field length.
2. Conditional (customers using VeraLab Aggregate Service, e.g. integrated with Mobile Apps).Fixed bug with Web Service resulting in empty XML file output due to usage of JSONP instead of JSON format.
3. Fixed applicable Struts 1.3 security vulnerabilities as reported here:
https://www.cvedetails.com/vulnerability-list/vendor_id-45/product_id-6117/version_id-121558/Apache-Struts-1.3.10.html.
4. VeraLab 8.1.1 comes bundled with Tomcat 8.5.23. This Tomcat version comes with a fix for serious security vulnerability as reported here:
https://bz.apache.org/bugzilla/show_bug.cgi?id=61542. There is no one off patch available and we strongly recommend upgrading to a latest VeraLab version.
5. Fixed a bug causing inconsistent results in "YTD Usage Stats with Totals", "Lab Logins Statistics" reports and Dashboards output.

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!