



# SAMLite Installation and Initial Setup

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**Build 2.2.0.17**

**2018-07-25**

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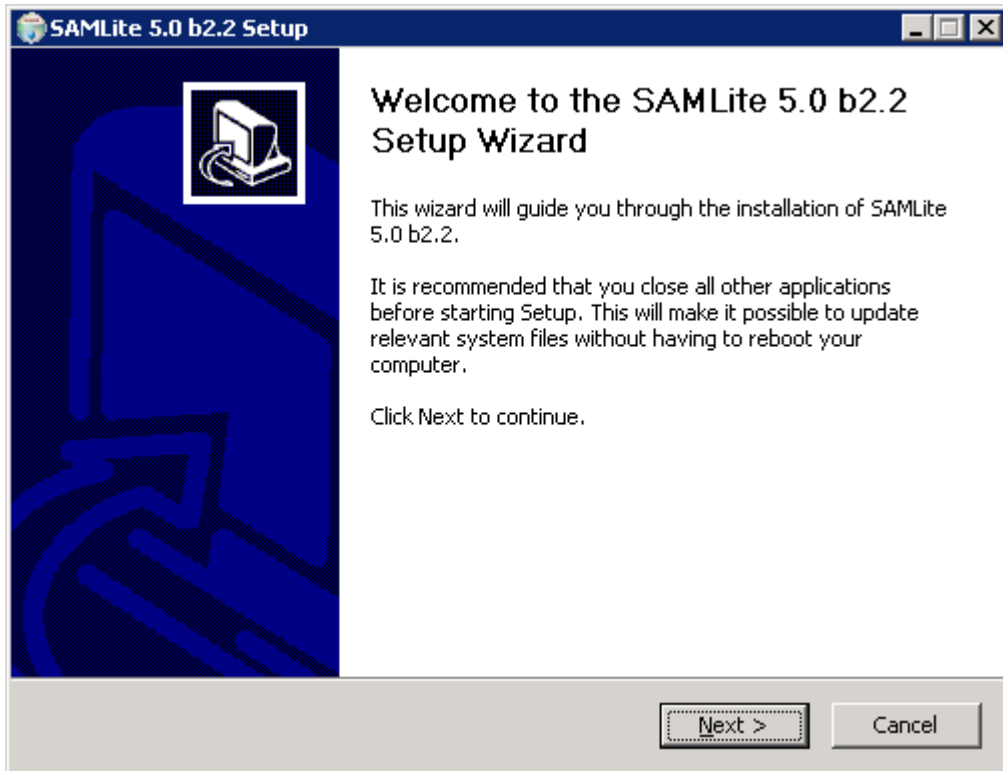
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## 1 SAMLite Installation

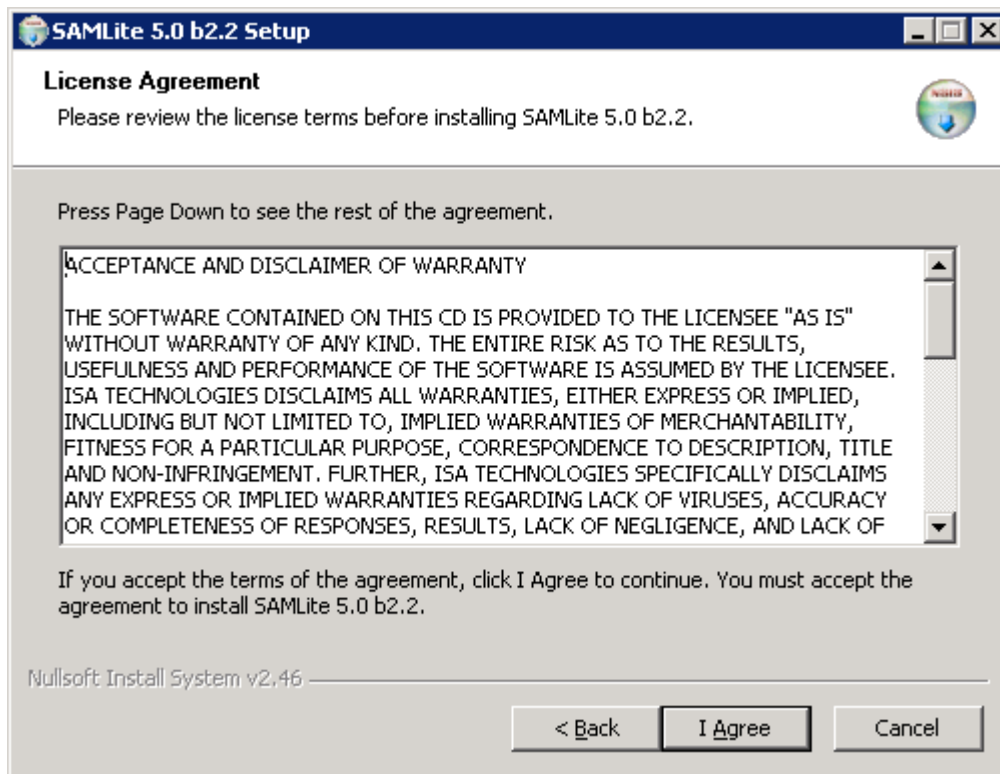
Before running the Installer please ensure that the SAMLite System Requirements are met. You can refer to the SAMLite Requirements.pdf for the SAMLite System requirements.

### 1.1 Running the Installer

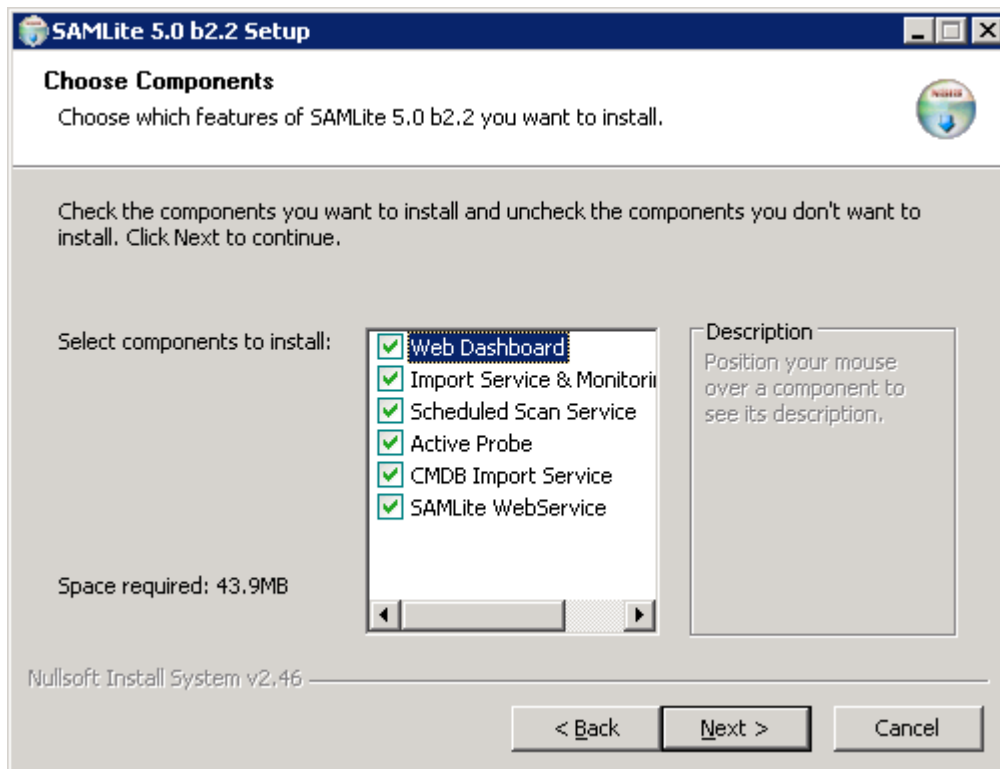
Run the SAMLite installer (e.g. SAMLiteSetup.exe )



Click on Next

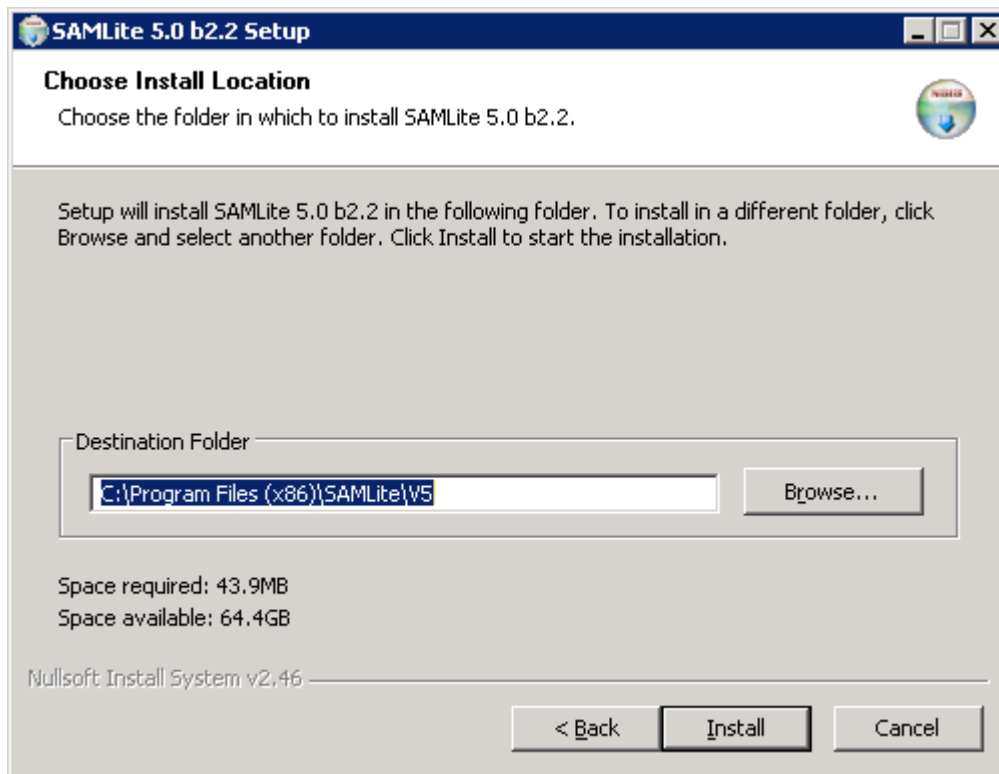


Click on I Agree if you agree to the terms.

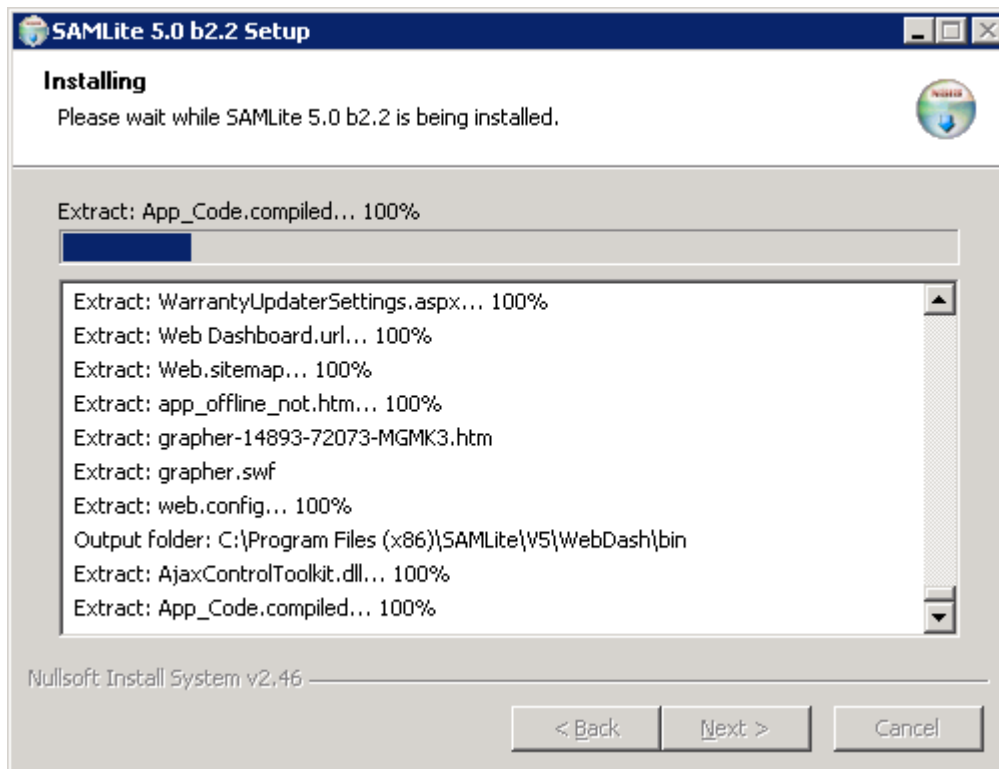


Click on Next

## SAMLite: Installation and Initial Setup

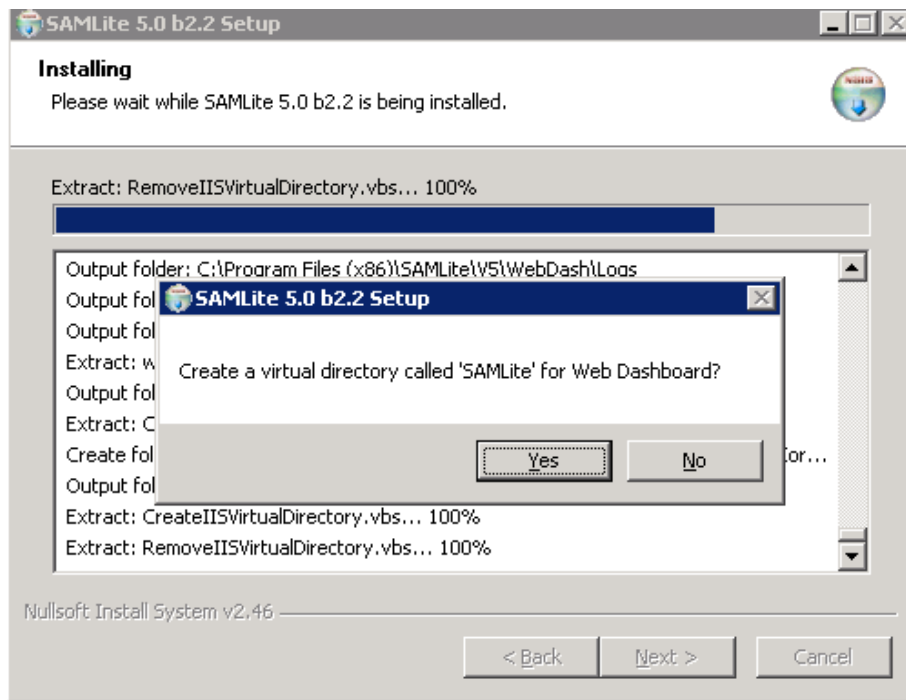


Set the Destination Folder or accept the default and click Install.

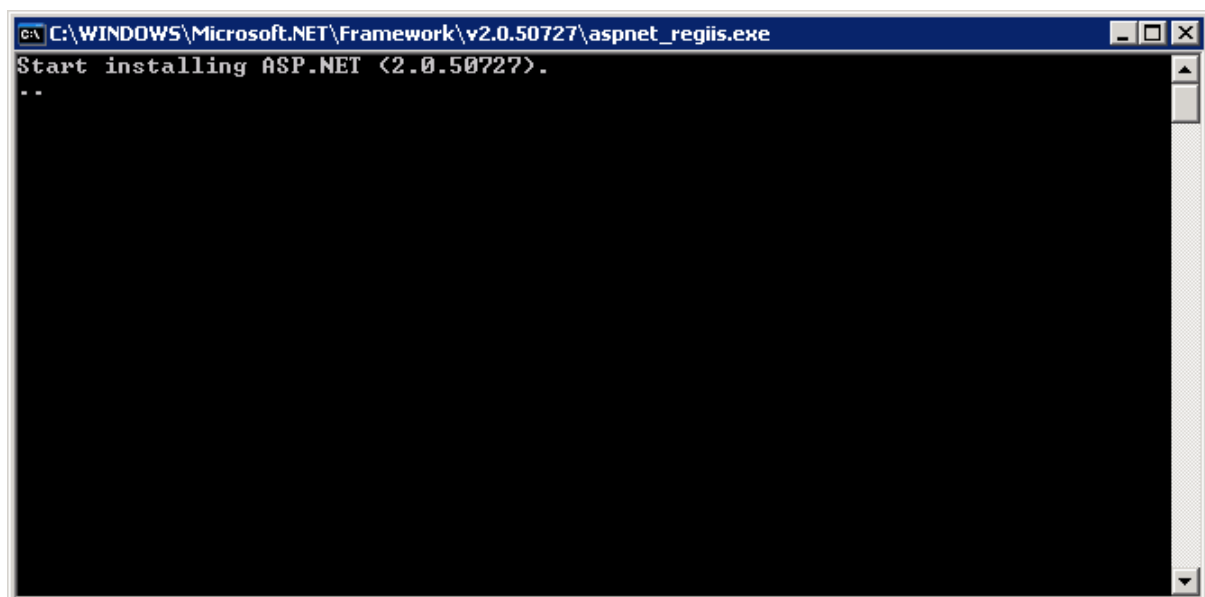


The extraction will start.

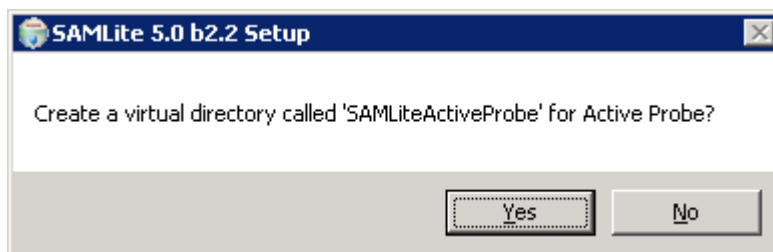
## SAMLite: Installation and Initial Setup



Click Yes

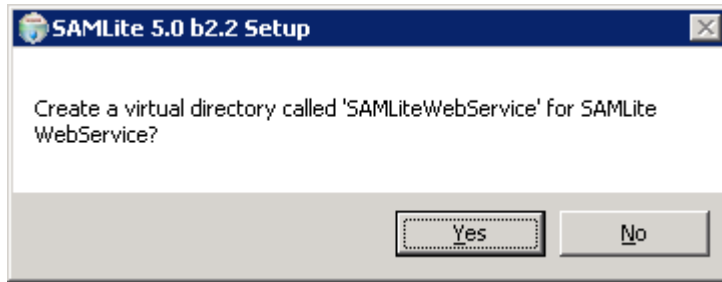


Please wait while ASP.Net is being set up.

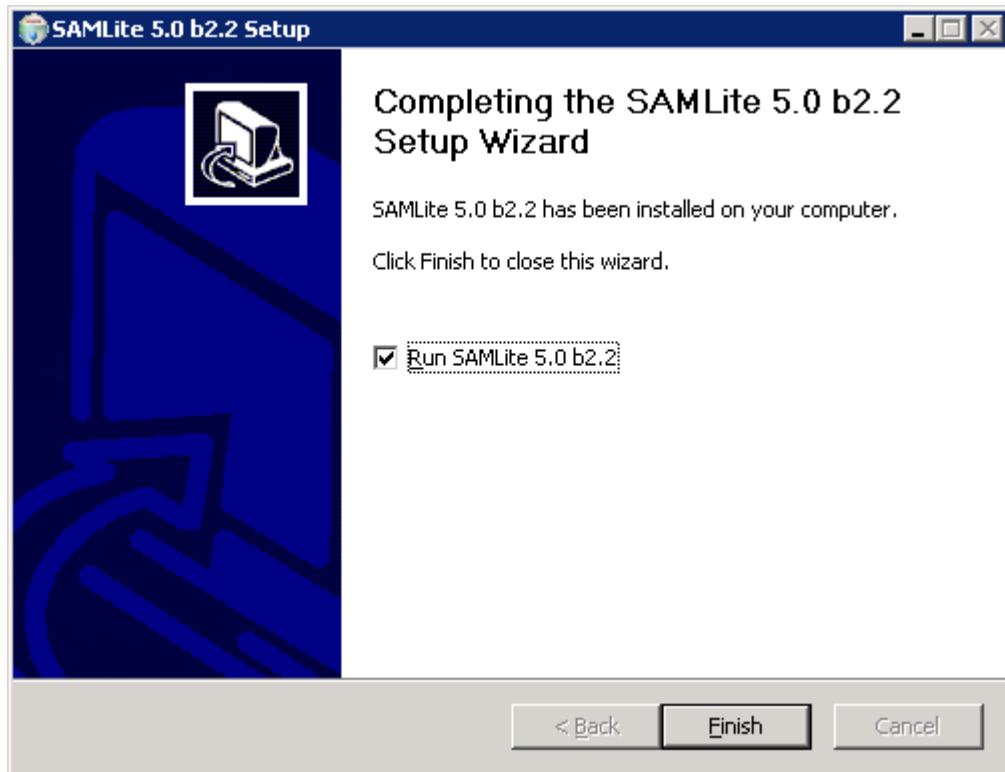


Click Yes.

## SAMLite: Installation and Initial Setup



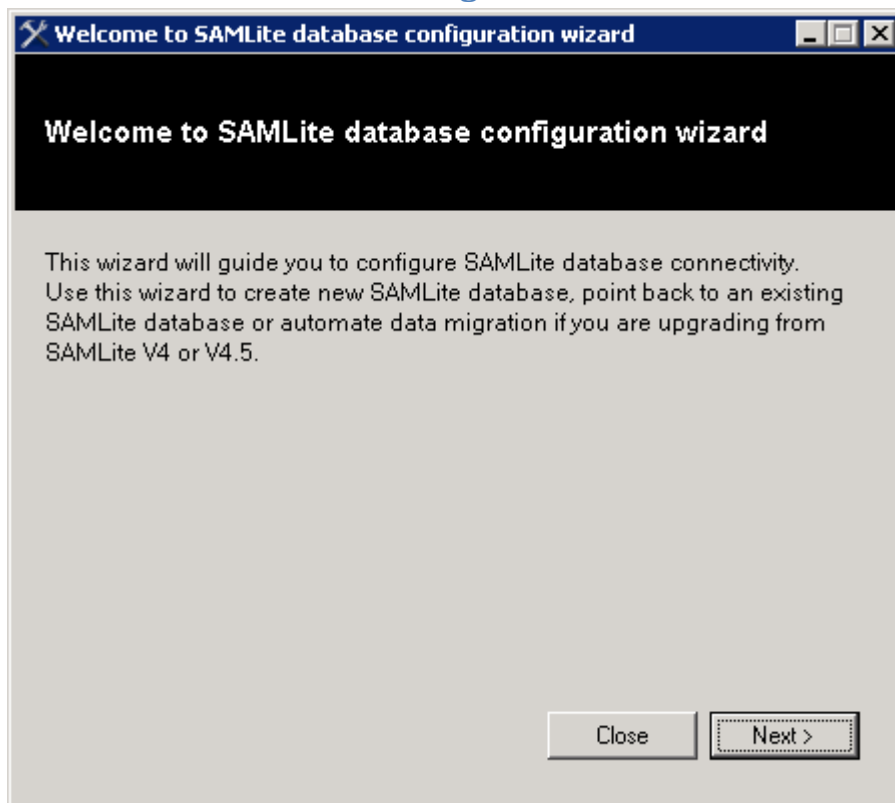
Click Yes.



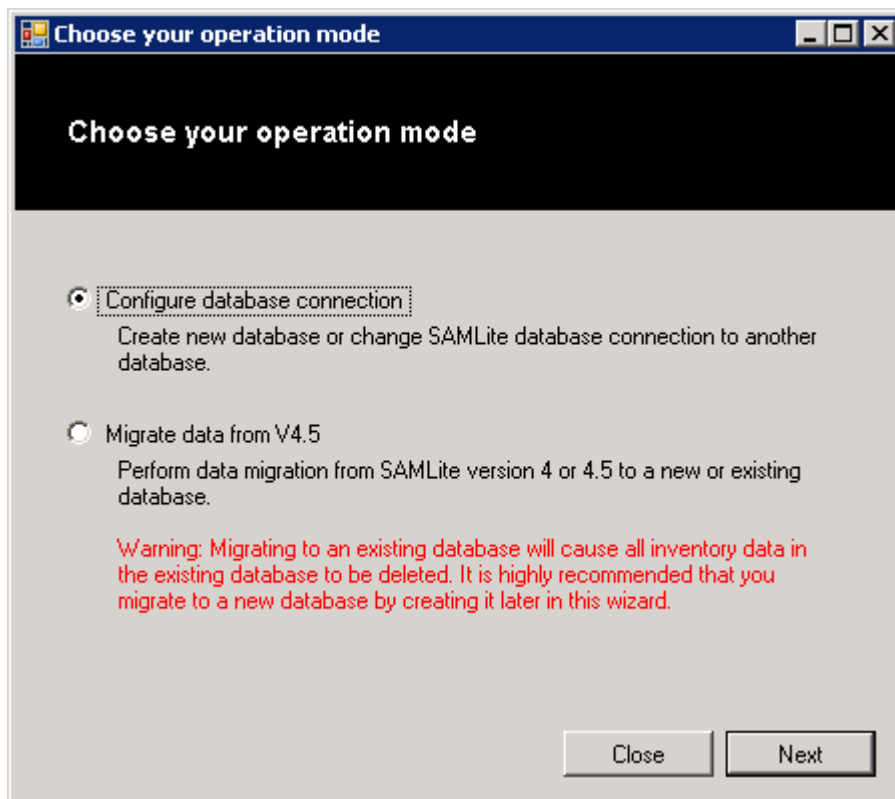
Click Finish.

You will now proceed to the SAMLite Database configuration step.

## 1.2 SAMLite Database Configuration

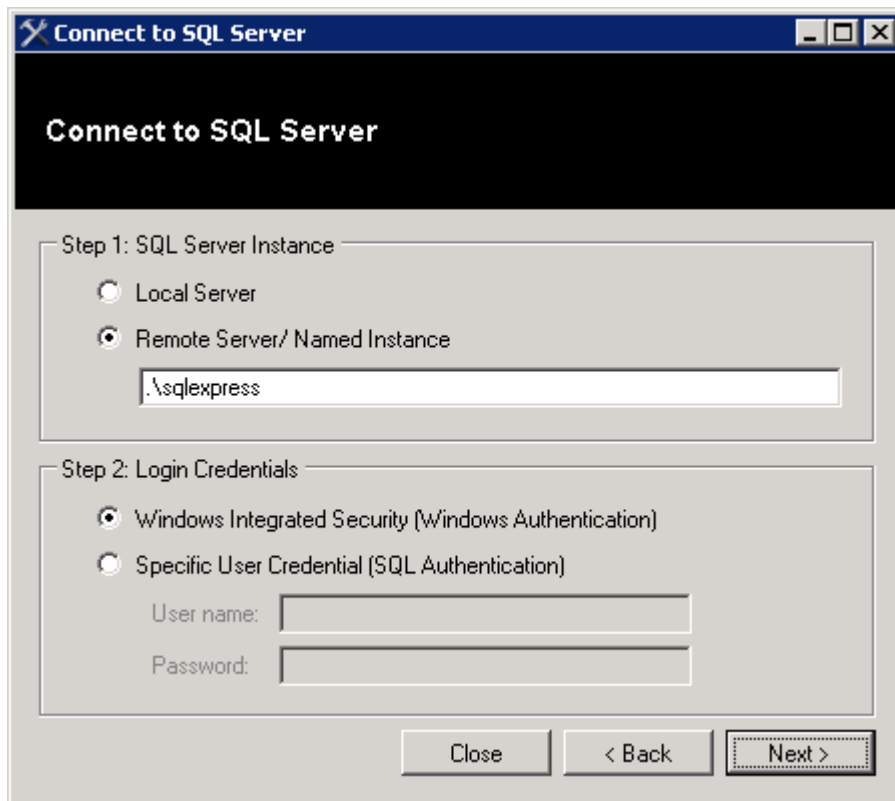


Click Next.



Click Next

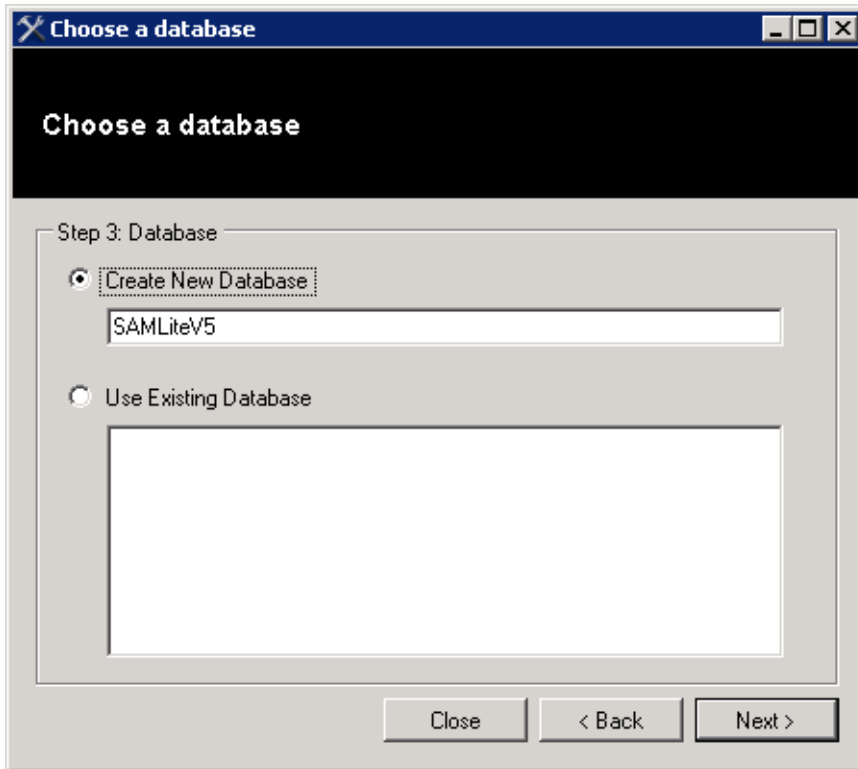




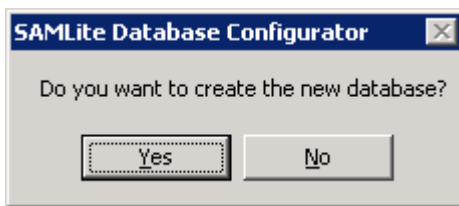
Keep the defaults and click Next if the SQL Server is the Express Edition and on the same machine.

Otherwise click on Local Server if the SQL Server is the Standard Edition and on the same machine.

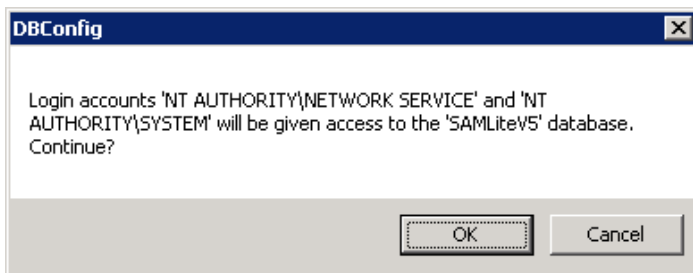
Or enter the path to the SQL Server Instance and the appropriate credentials to connect to it.



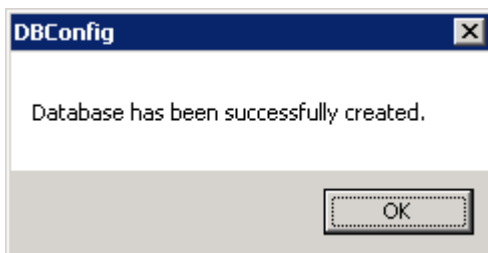
Click Next.



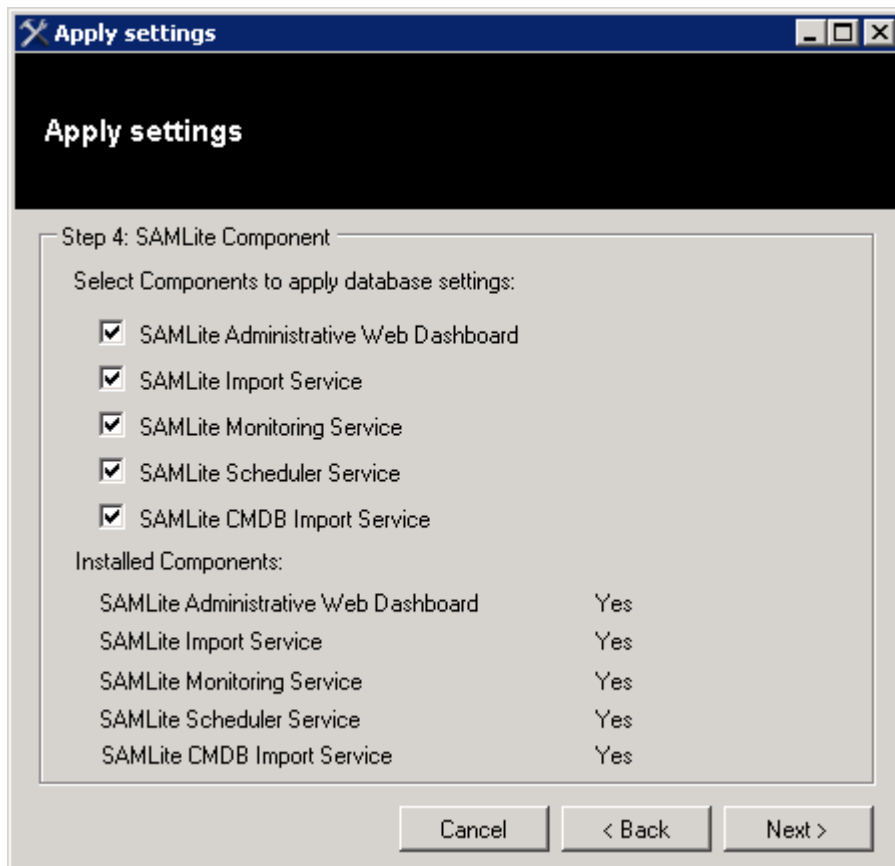
Click Yes



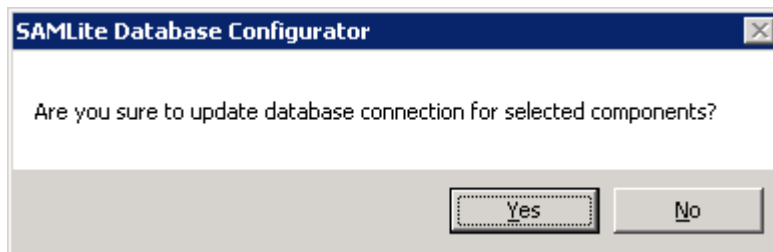
Click OK.



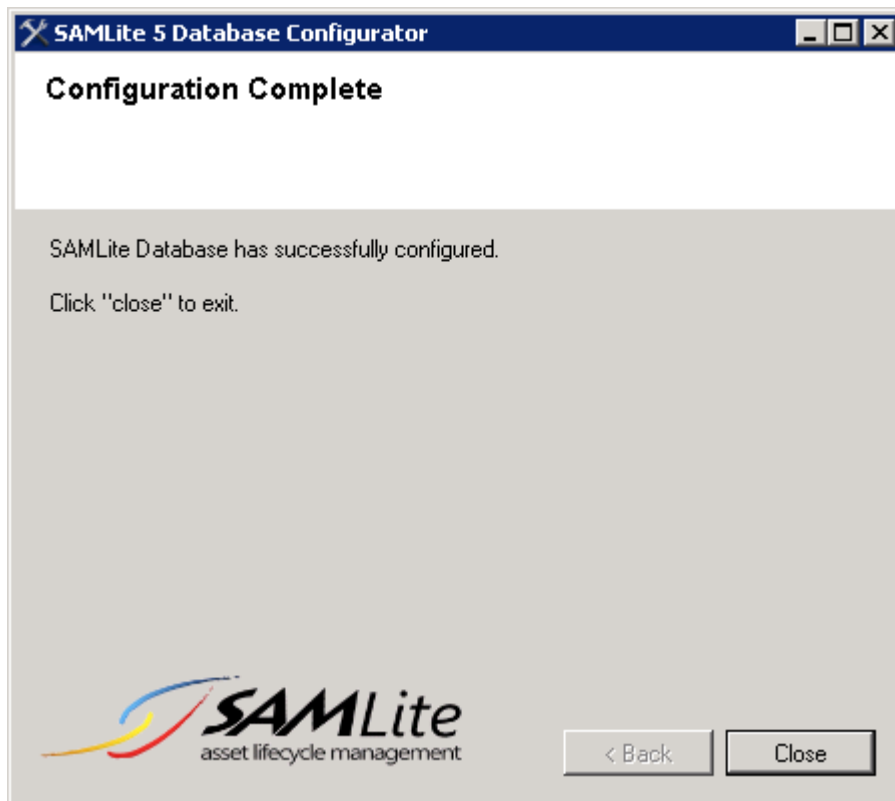
Click OK.



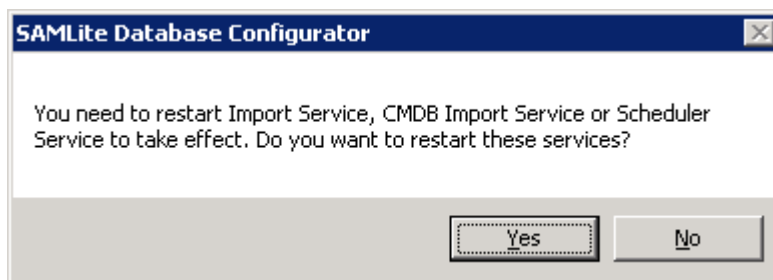
Click Next to apply the DB settings to the SAMLite modules.



Click Yes to confirm.

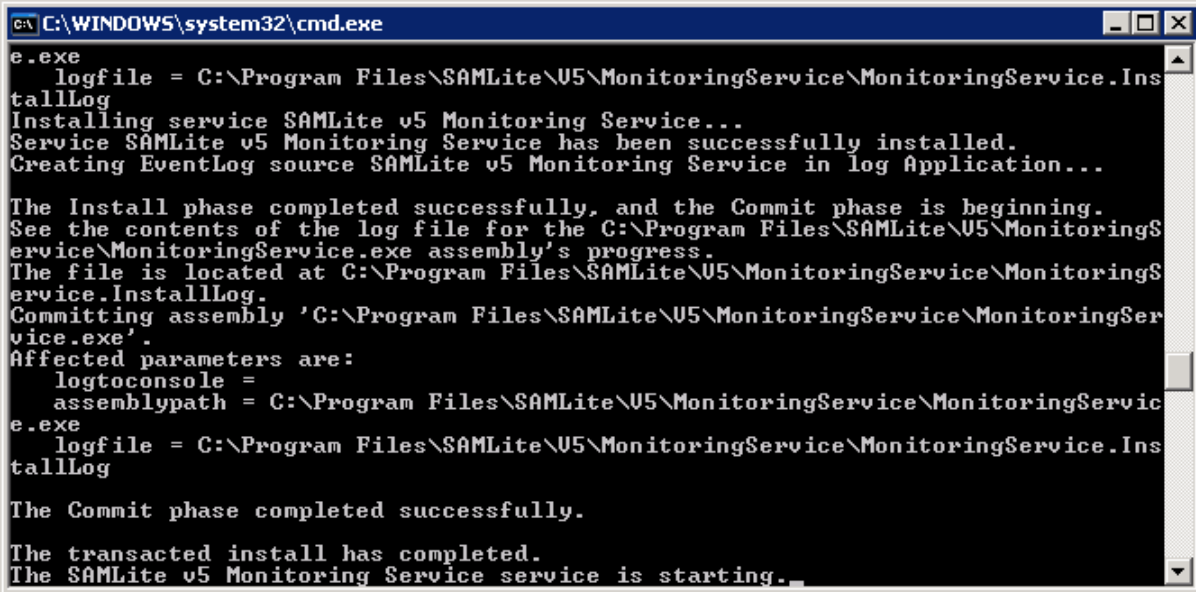


Click close



Click Yes

## SAMLite: Installation and Initial Setup

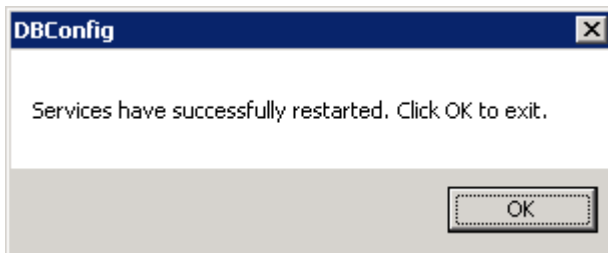


```
C:\WINDOWS\system32\cmd.exe
e.exe
logfile = C:\Program Files\SAMLite\U5\MonitoringService\MonitoringService.InstallLog
Installing service SAMLite v5 Monitoring Service...
Service SAMLite v5 Monitoring Service has been successfully installed.
Creating EventLog source SAMLite v5 Monitoring Service in log Application...

The Install phase completed successfully, and the Commit phase is beginning.
See the contents of the log file for the C:\Program Files\SAMLite\U5\MonitoringService\MonitoringService.exe assembly's progress.
The file is located at C:\Program Files\SAMLite\U5\MonitoringService\MonitoringService.InstallLog.
Committing assembly 'C:\Program Files\SAMLite\U5\MonitoringService\MonitoringService.exe'.
Affected parameters are:
  logtoconsole =
  assemblypath = C:\Program Files\SAMLite\U5\MonitoringService\MonitoringService.exe
e.exe
logfile = C:\Program Files\SAMLite\U5\MonitoringService\MonitoringService.InstallLog

The Commit phase completed successfully.
The transacted install has completed.
The SAMLite v5 Monitoring Service service is starting.
```

You will see messages like the above, this is normal.



Click OK.

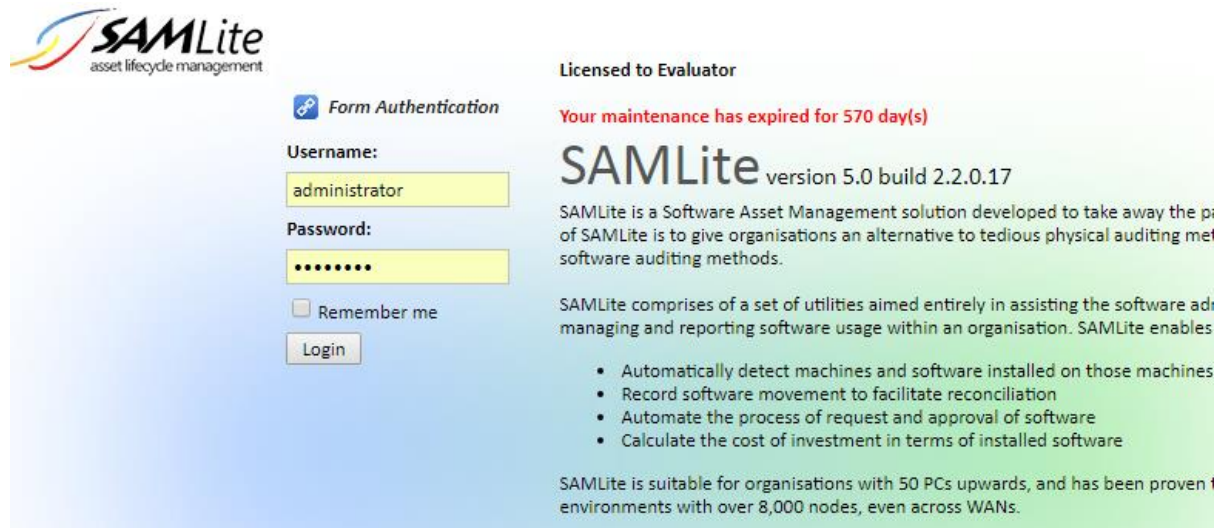
You have now completed the SAMLite installation and the SAMLite database configuration.

## 2 The SAMLite Web Dashboard

The SAMLite Web Dashboard is the web-based interface for using SAMLite.

To go to the **SAMLite Web Dashboard** open <http://TheSAMLiteServerAddress/SAMLite/>

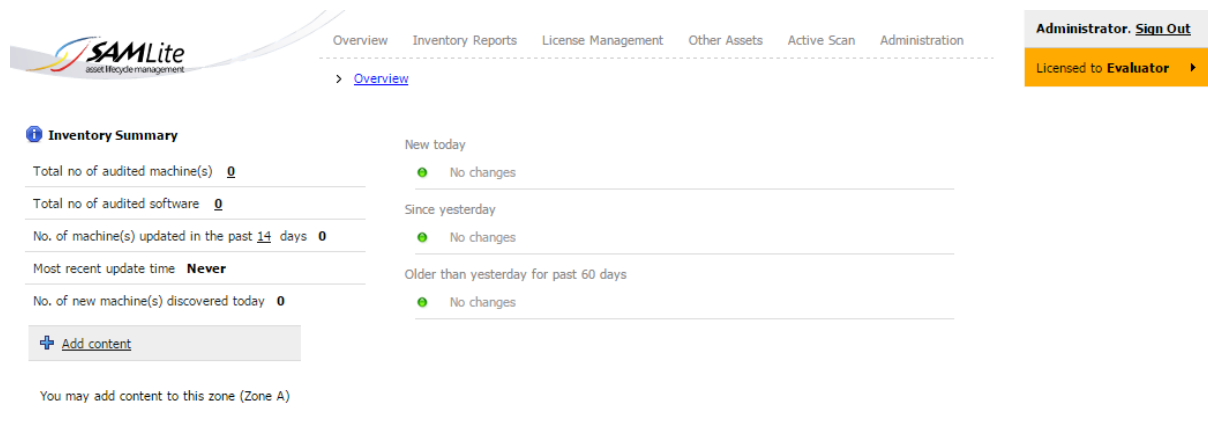
(replace TheSAMLiteServerAddress with the address of the SAMLite server).



The default admin credentials are: Administrator and password

Enter them and click on Login.

You should see something like the following:



## 2.1 Changing the Administrator password

To change the password, click on Administration, and look for the Users & Roles section

### Users & Roles

Create a user

Edit or delete a user

Add or remove a user's role

Allow user access to department

Allow user access to location

Then click on Edit or Delete a user

#### Edit/Delete Users

User Account
<a href="#">Administrator</a>

User Name   
Rename

Full Name

Email

Phone no.

Fax no.

Address/Location

Is locked out

Select Administrator

**Edit/Delete Users**

<b>User Account</b>	
<b>Administrator</b>	

User Name	Administrator
	Rename
Full Name	Administrator
Email	
Phone no.	
Fax no.	
Address/Location	
Is locked out	<input type="checkbox"/>
<input type="button" value="Save"/> <input type="button" value="Delete this user"/> <input type="button" value="Reset Password"/>	

Select Reset Password

**Edit/Delete Users**

<b>User Account</b>	
<b>Administrator</b>	

User Name	Administrator
	Rename
New password	.....
Repeat New password	.....
<input type="button" value="Save Password"/> <input type="button" value="Cancel"/>	

Enter the new password and confirmation, and click on Save Password.



**X Password has been successfully reset**

User Name   
Rename

Full Name

Email

Phone no.

Fax no.


Address/Location

Is locked out

## 2.2 Configuring the SAMLite Shared Folder

The SAMLite Shared Folder is where all the scan report files are written to.

Go to Administration, System Settings

-  **System Settings**
- Configure share folder
  - Configure email notification
  - Configure maintenance settings
  - Configure machine status
  - Configure inactive machine deletion
  - Configure database log truncation
  - Configure database indexes re-build
  - Manage SAMLite licenses

Select Configure Share Folder

## SAMLite: Installation and Initial Setup

**Configure Share Folder**

Share folder path is already configured. You may update the path by clicking the change link and alter the path value.

Path  [Change](#)

If the SAMLite server address/name is not correct click on Change and change it and then click Save.

### 2.3 Installing and using a SAMLite Server license file.

If you have a SAMLite license file you will need to install it to use it.


Go to Administration, System Settings

#### System Settings

- Configure share folder
- Configure email notification
- Configure maintenance settings
- Configure machine status
- Configure inactive machine deletion
- Configure database log truncation
- Configure database indexes re-build
- Manage SAMLite licenses

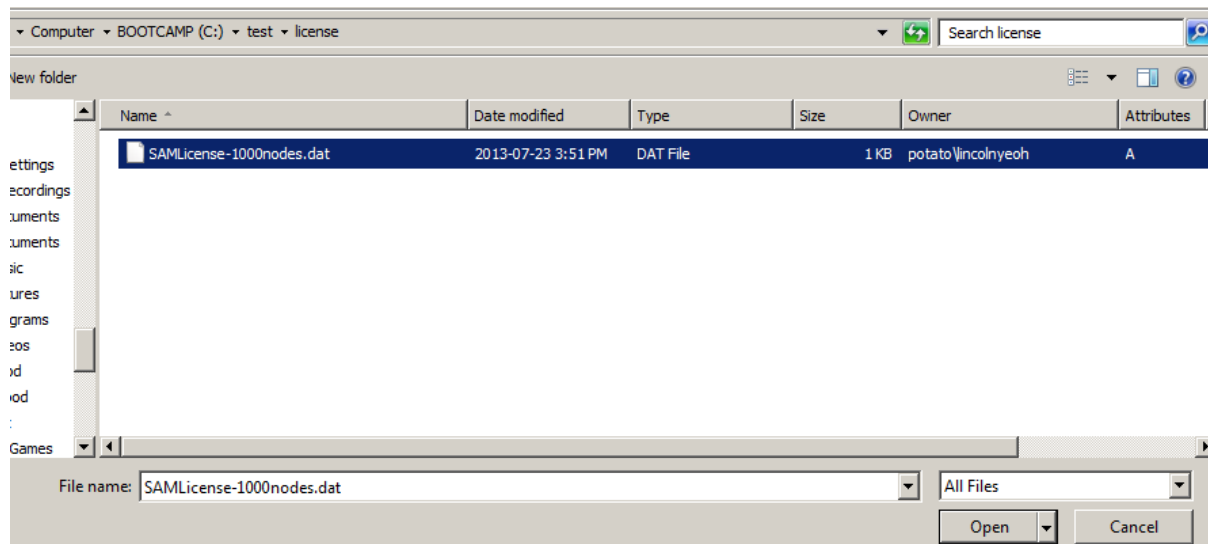
Select Manage SAMLite licenses

Manage SAMLite Licenses

Choose file No file chosen  Upload License  Delete Licenses

<input type="checkbox"/>	Active	ID	Organization Name	Nodes	Type	Expiry Date	Maintenance Expiry	Updated	size	Action
<input type="checkbox"/>	1	1	Evaluator	5	Permanent		17 Jul 2013	27/02/2014 7:13:31 PM	632	<a href="#">Download</a> <a href="#">Select</a>

Click on choose file



Locate the SAMLite license file and click open



Manage SAMLite Licenses

Choose file SAMLic...es.dat  Upload License  Delete Licenses

## SAMLite: Installation and Initial Setup

Click  Upload License.

Manage SAMLite Licenses

Choose file No file chosen  Upload License  Delete Licenses



**License uploaded**

<input type="checkbox"/>	Active	ID	Organization Name	Nodes	Type	Expiry Date	Maintenance Expiry	Updated	size	Action
<input type="checkbox"/>	1	1	Evaluator	5	Permanent		17 Jul 2013	27/02/2014 7:13:31 PM	632	<a href="#">Download</a> <a href="#">Select</a>
<input type="checkbox"/>	0	2	ISA Innovation	1000	Permanent		23 Jul 2015	27/02/2014 7:16:45 PM	800	<a href="#">Download</a> <a href="#">Select</a>

The license should be uploaded. Now click on Select to use the uploaded license.

Select and use this license?

Click OK.

Choose file No file chosen  Upload License  Delete Licenses Select License: last completed at 27/02/2014 7:18:23 PM

**License selected successfully**

<input type="checkbox"/>	Active	ID	Organization Name	Nodes	Type	Expiry Date	Maintenance Expiry	Updated	size	Action
<input type="checkbox"/>	1	2	ISA Innovation	1000	Permanent		23 Jul 2015	27/02/2014 7:16:45 PM	800	<a href="#">Download</a> <a href="#">Select</a>
<input type="checkbox"/>	0	1	Evaluator	5	Permanent		17 Jul 2013	27/02/2014 7:13:31 PM	632	<a href="#">Download</a> <a href="#">Select</a>

After a short while the license should be selected.

If you click on the arrow in the top right you can see the license details:

Administration **Administrator. [Sign Out](#)**

Licensed to **ISA Innovation** 

**Full License Details**

Organization Name: **ISA Innovation**

Total nodes: **1000**

License Type: **Permanent**

Start Date:

Expiry Date:

Organization Address: **Suite 2.02 Level 2, 1 First Avenue  
Utama, 47800 Petaling Jaya, Selangor  
Malaysia**

Contact Person:

Phone No:

Email:

Maintenance Start Date: **23/07/2013**

Maintenance Expiry Date: **23/07/2015**





Description: **Licensed for ISA Innovation use**

### 3 The SAMLite scan script

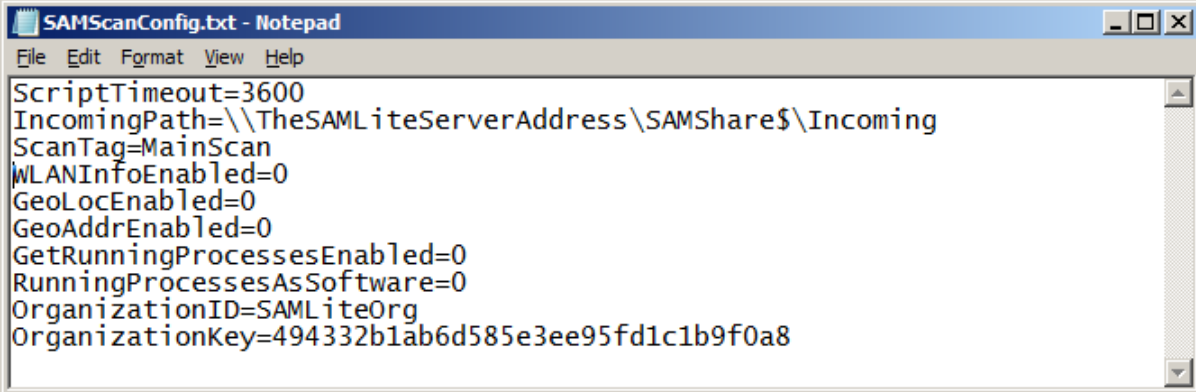
You can download the latest SAMLite scan script from:

<http://www.samlite.net/samlite/downloads/SAMLiteScan.zip>

Unzip the SAMLiteScan.zip to a folder

Name ^	Date modified	Type	Size
 localscan.vbs	2018-07-17 10:40 AM	VBScript Script File	108 KB
 SAM.bat	2017-07-10 3:15 PM	Windows Batch File	1 KB
 SAMScanConfig.txt	2018-07-25 4:14 PM	Text Document	1 KB
 wifihelper.exe	2017-02-02 6:22 PM	Application	175 KB

Then edit **SAMScanConfig.txt**



```
ScriptTimeout=3600
IncomingPath=\\TheSAMLiteServerAddress\SAMShare$\Incoming
ScanTag=MainScan
WLANInfoEnabled=0
GeoLocEnabled=0
GeoAddrEnabled=0
GetRunningProcessesEnabled=0
RunningProcessesAsSoftware=0
OrganizationID=SAMLiteOrg
OrganizationKey=494332b1ab6d585e3ee95fd1c1b9f0a8
```

Change `IncomingPath` so that it is using the SAMLite server address. Save the changes.

As of Build 2.2.0.17 you can also specify a URL to the SAMLite Web Service.

For example:

```
IncomingPath=http://SAMLiteServerAddress/SAMLiteWebService/WebSvc.asmx/SubmitXML
```

Note: if you want to use https (recommended) you will have to get a valid HTTPS certificate for the samlite server's address and configure IIS to use it for the SAMLite web apps.

These three files are then used for scanning machines.

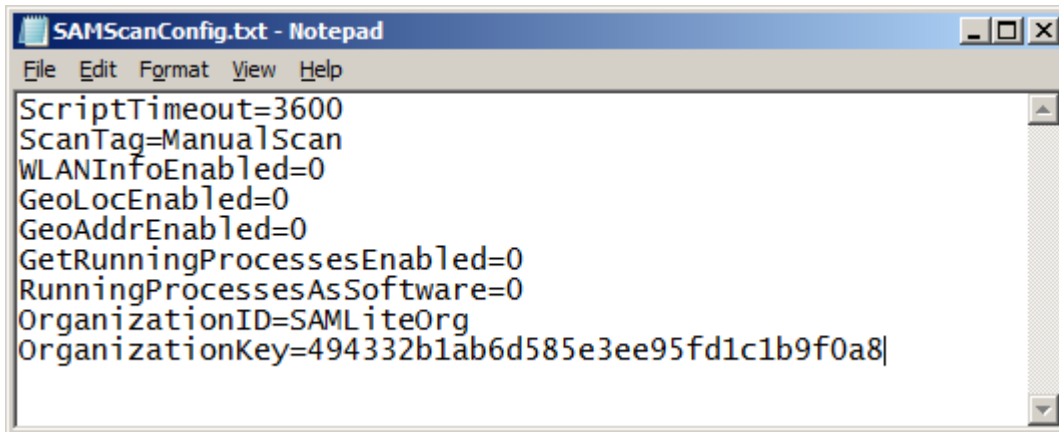
1. The `localscan.vbs` file is the actual scanning script.
2. The `SAMScanConfig.txt` is the configuration file that the `localscan.vbs` uses to get configuration information such as where to write the scan result files. See Section 3.2 for more information about the different parameters.
3. The `sam.bat` is a batch file that calls the `localscan.vbs` file (for convenience).

If you copy these three files to a folder on a file share or USB drive then run `sam.bat`, the machine that you run `sam.bat` on while be scanned and the scan results will be copied to the `IncomingPath`.

To use these files as logon scripts or scheduled tasks in Active Directory consult the “**Active Directory Configuration**” documentation.

### 3.1 Scanning unconnected machines

To scan machines that are not connected to the network or cannot reach the SAMLite server, edit the SAMScanConfig.txt file and remove the IncomingPath line (you may also wish to change the ScanTag so that you know that the scanning is done manually):



Next create a Data folder:

Name ^	Date modified	Type	Size
Data	2018-07-25 5:29 PM	File folder	
localscan.vbs	2018-07-17 10:40 AM	VBScript Script File	108 KB
SAM.bat	2017-07-10 3:15 PM	Windows Batch File	1 KB
SAMScanConfig.txt	2018-07-25 4:22 PM	Text Document	1 KB
wifihelper.exe	2017-02-02 6:22 PM	Application	175 KB

Next copy these files and Data folder to a USB drive. Then plug in the usb drive to each machine and run sam.bat

The scan results will be stored in the Data folder.

Name ^	Date modified	Type	Size
POTATO_20160628193445.xml	2016-06-28 7:33 PM	XML Document	67 KB

You can then move/copy the xml files to the SAMLite Server’s IncomingPath and they will be processed as normal.

### 3.2 SAMScanConfig.txt parameters

Parameter Name	Description
ScriptTimeout	The maximum number of seconds the scan script is allowed to run before it is forced to stop
IncomingPath	Where the scan result files are to be submitted
ScanTag	Some text to help you distinguish between types of scans
WLANInfoEnabled	Set to 1 to scan for WiFi Access Points (required for GeoLocation). 0 to not scan for WiFi Access points.
GeoLocEnabled	1 = Enable GeoLocation (get latitude and longitude from WiFi info)
GeoAddrEnabled	1 = Get street address from latitude and longitude
GetRunningProcessesEnabled	1 = Gather information about Running Processes
RunningProcessesAsSoftware	1 = Report the Running Processes like other Software
OrganizationID	Change to your Organization Name/ID and ensure the OrganizationID setting in the SAMLiteWebService's Web.config file matches
OrganizationKey	Change to a random string and ensure the OrganizationKey setting in the SAMLiteWebService's Web.config file matches.