

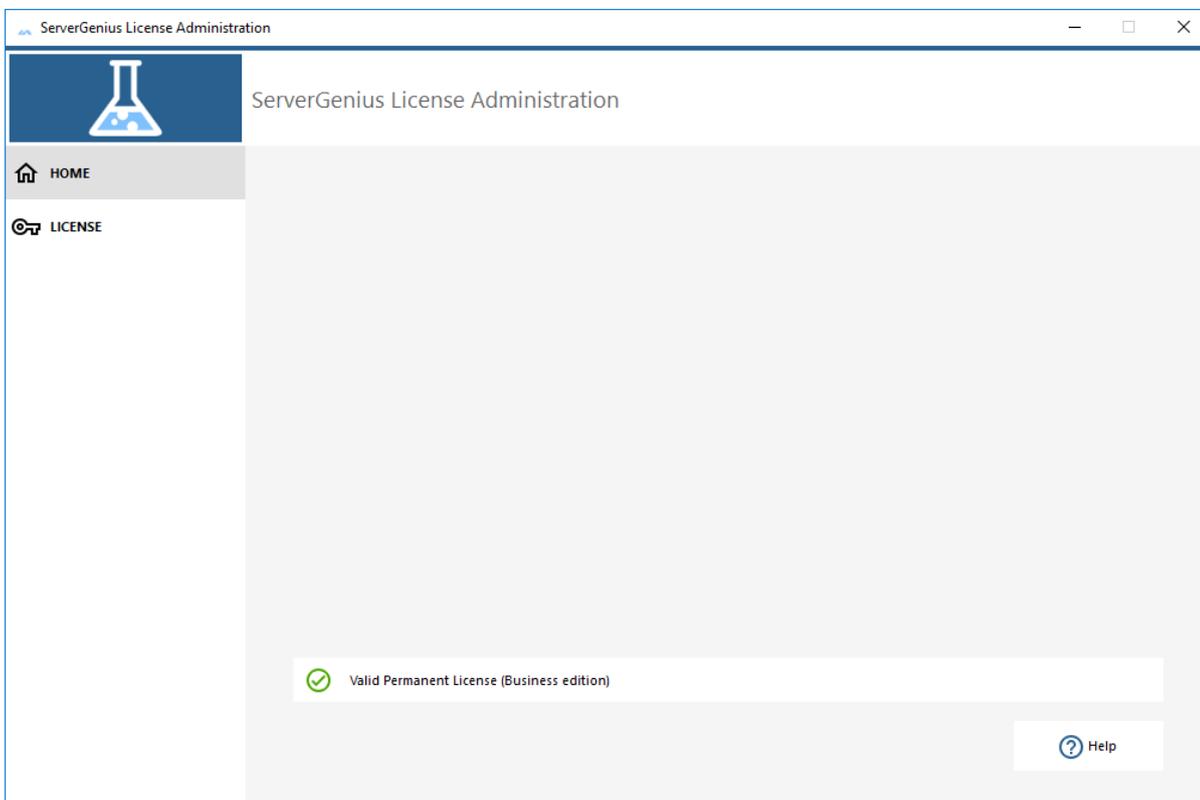
Activating your license

A License Administration Dashboard comes with Server Genius V4.

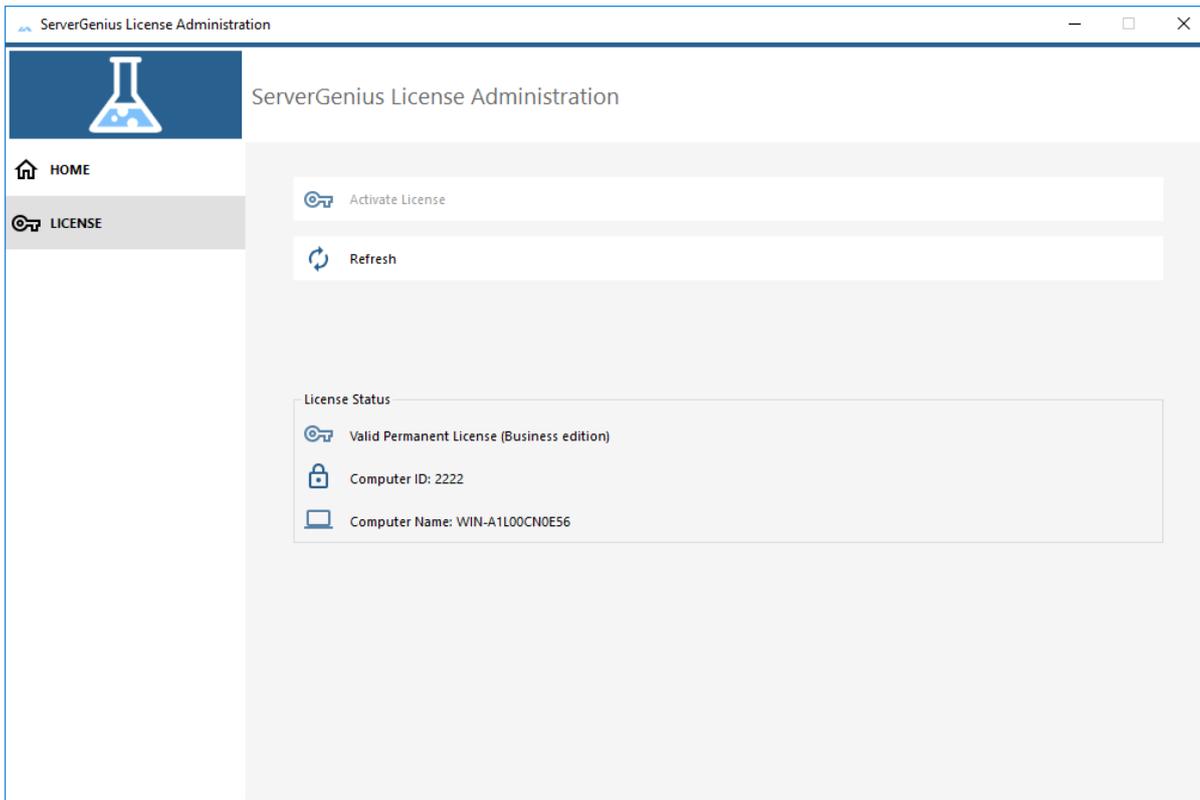
You can see that a shortcut had been created on your desktop :



On the Home tab, you can see the status of your License. Here it is a permanent Business Edition License:

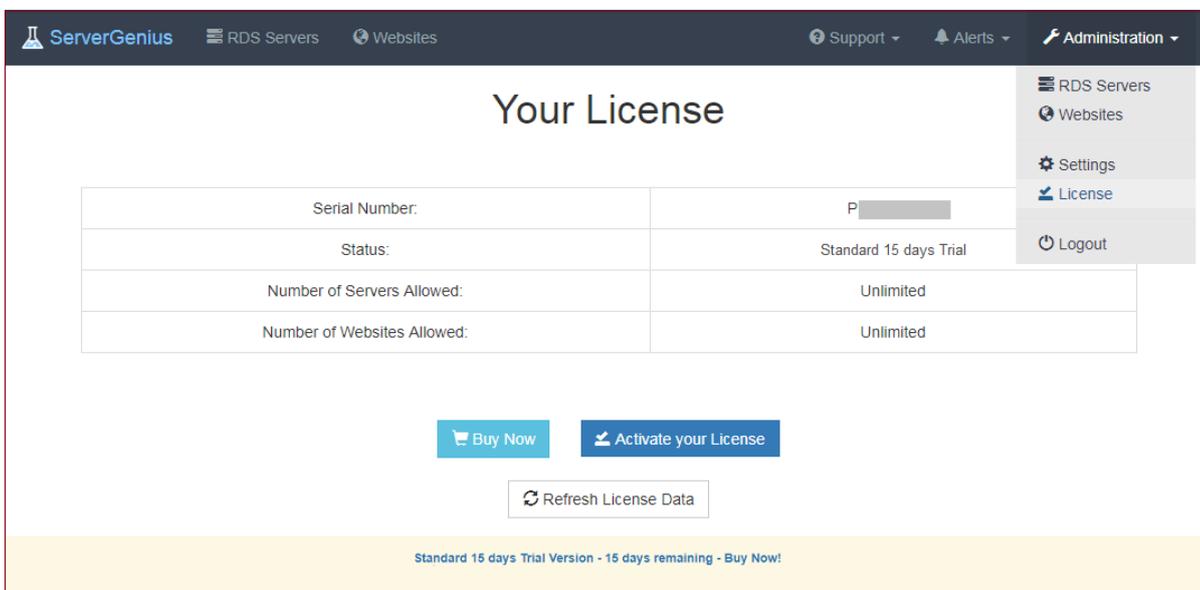


If you click on the License tab, you will be able to see your License status and information, with your Computer ID and Computer Name:



Click on the “Activate License” button or go to Server Genius interface on your web browser (<http://localhost:7777> by default) and click on the “Administration” > “License” menu.

The following page should be displayed:



In order to get your Activation Key, connect to our [Licensing Portal](#) and enter your Email Address and your Order Number:

[Download the Customer Portal User Guide](#) for more information about how to use it.

You will be able to see and copy your activation key. Click on the “Activate your License” button and enter it:

 Buy Now

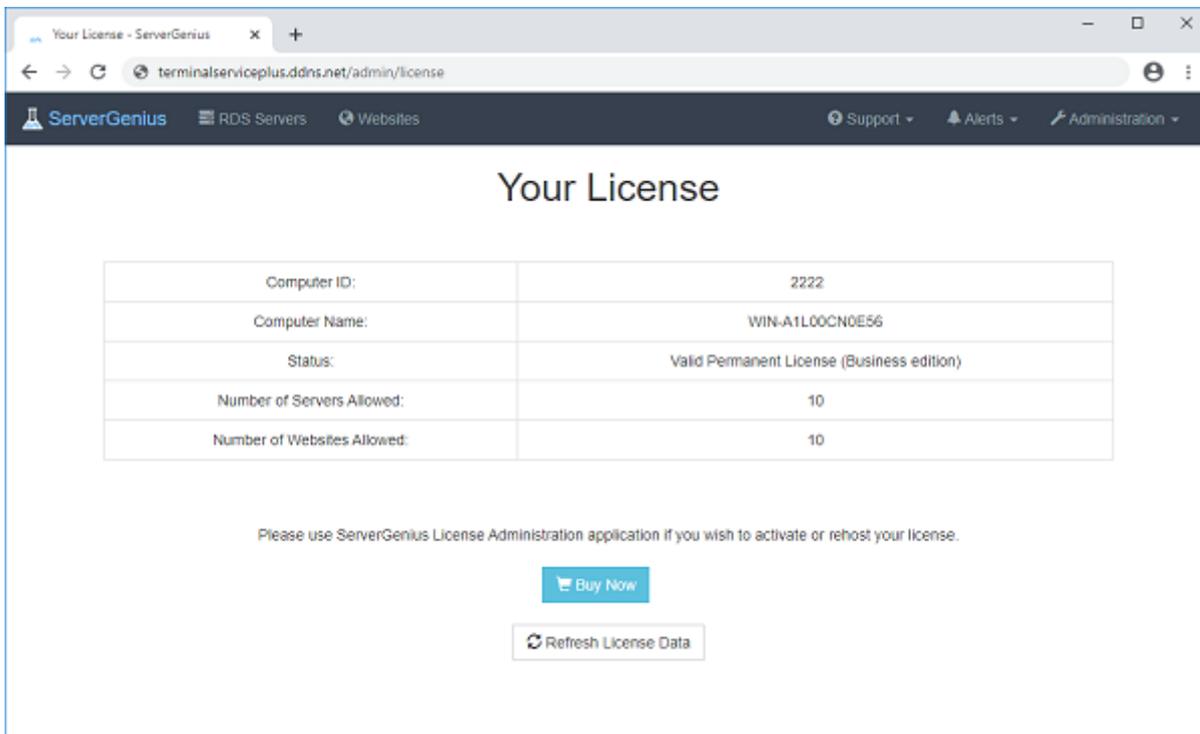
 Activate your License

 Refresh License Data

From now on, your License page will look like the one below, to confirm that you have indeed an activated license:



You can see the new status of your License by going back to your license details:



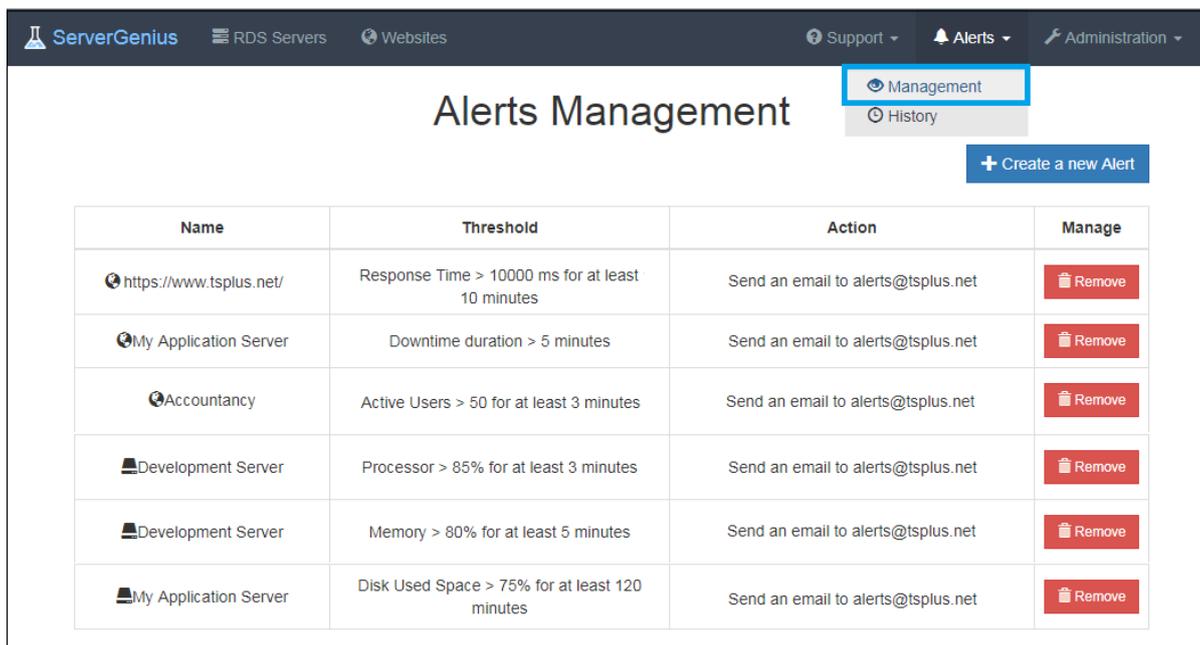
Refresh your License Data by clicking on the corresponding button at the bottom of the page, it will synchronize information with our Licensing Portal.

N.B: You can still download a license.lic file on the Licensing Portal for Server Genius Legacy Versions. [Download the Customer Portal User Guide](#) for more information about how to use it.

Thank you for choosing ServerGenius!

Alerts Management

You can access the Alerts Management by clicking on the “Alerts” tab on the Server Genius web interface, then on the “Management” menu item. Using the “Create a new Alert” button, you can add alerts on your Server Genius system.



| Name | Threshold | Action | Manage |
|---|--|------------------------------------|------------------------|
| https://www.tsplus.net/ | Response Time > 10000 ms for at least 10 minutes | Send an email to alerts@tsplus.net | Remove |
| My Application Server | Downtime duration > 5 minutes | Send an email to alerts@tsplus.net | Remove |
| Accountancy | Active Users > 50 for at least 3 minutes | Send an email to alerts@tsplus.net | Remove |
| Development Server | Processor > 85% for at least 3 minutes | Send an email to alerts@tsplus.net | Remove |
| Development Server | Memory > 80% for at least 5 minutes | Send an email to alerts@tsplus.net | Remove |
| My Application Server | Disk Used Space > 75% for at least 120 minutes | Send an email to alerts@tsplus.net | Remove |

For **servers**, alerts can be set on:

- Processor
- Memory
- I/O
- Disk used space
- Network Throughput In
- Active Users
- Downtime Duration

You can customize with your own values:

ServerGenius RDS Servers Websites Support Alerts Administration

Alert

Set a new alert on my :

When is higher than minutes

Then send an email to

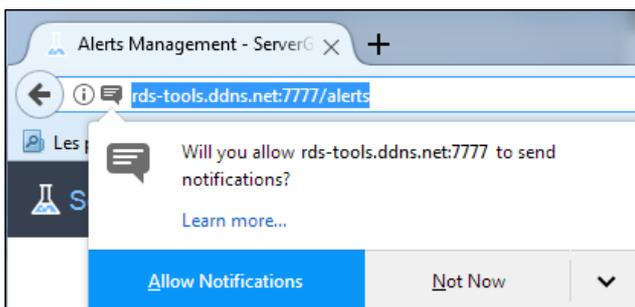
For **websites**, alerts can be set on Response Time or Downtime Duration.

Once you have configured an alert on your server or your website, Server Genius will closely monitor the chosen metric and send you an email as soon as the targeted threshold is reached or exceeded. Server Genius will of course also send you an email when the metric is back to normal.

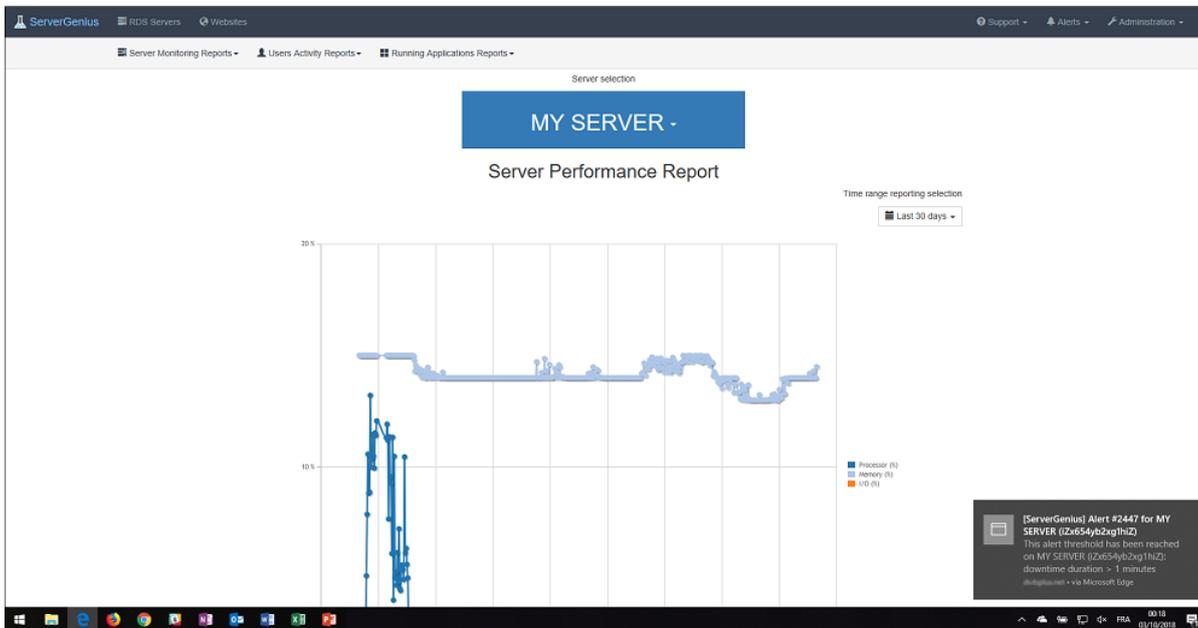
Notifications

Once you have configured an alert on your server or website, ServerGenius will closely monitor the chosen metric and send you an email as soon as the targeted threshold is reached or exceeded. Server Genius will of course also send you an email when the metric is back to normal.

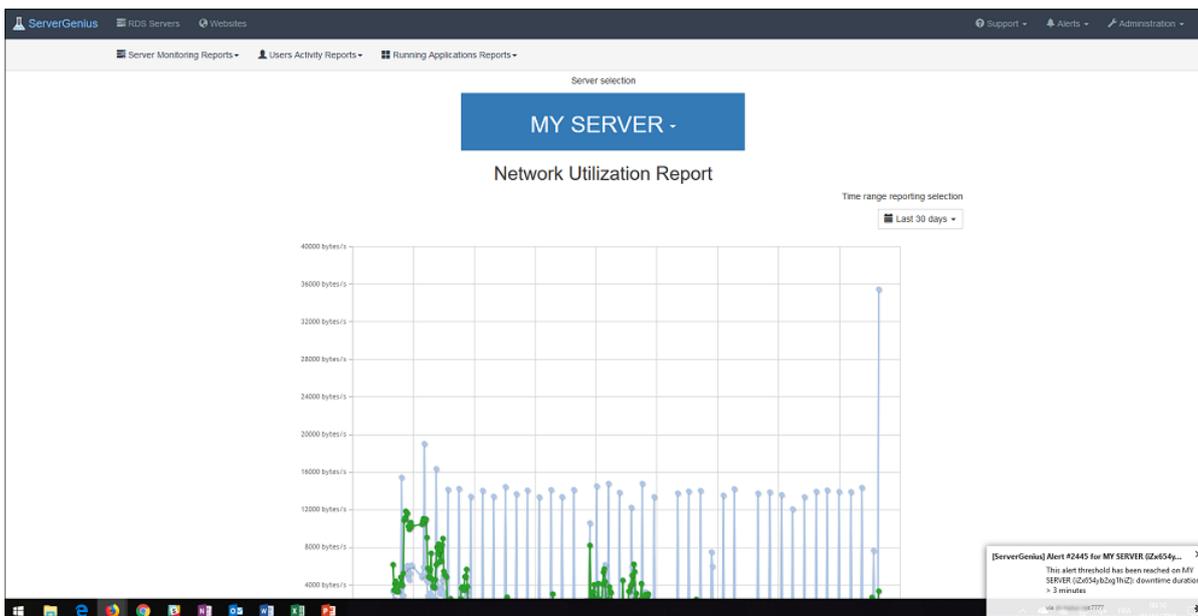
Since Server Genius 3.4 version, it is now possible to enable real-time web notifications by allowing them into your web browser:



On Microsoft Edge, it enables a Windows native notification display:



On Firefox, Chrome and Opera the web push is displayed at the same location than native notifications:



Finally, you can see a list of active and historic alerts by clicking on the “Alerts” tab on the Server Genius web interface, then on the “History” menu item.

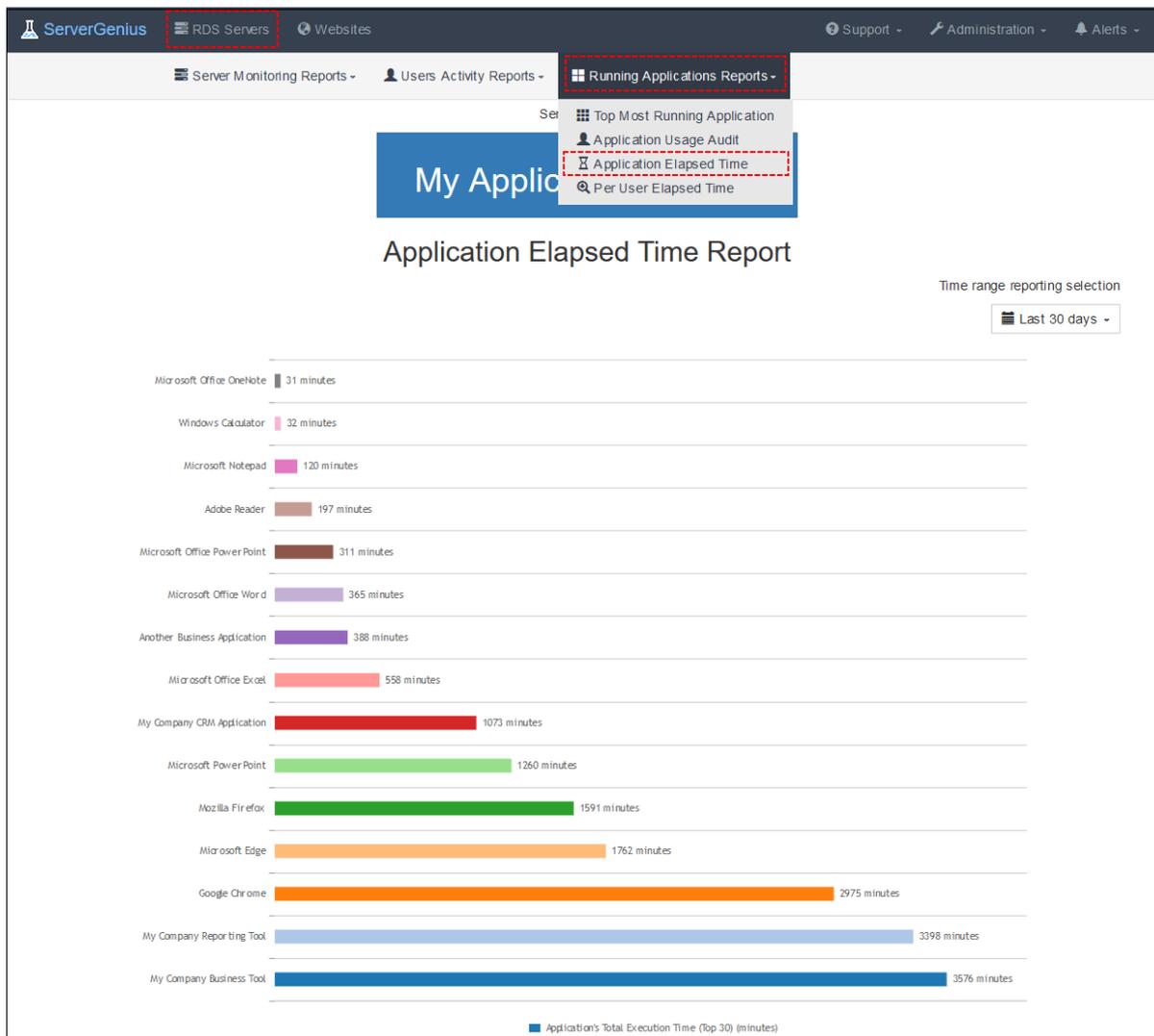
[Back To Top](#)

Application Elapsed Time Report

This report is available from the ServerGenius Web interface by clicking on the RDS Servers tab, then Running Applications Reports tab, and then Application Elapsed Time.

It displays the **application's total execution time**, in minutes, for the top 30 applications over the selected time range.

The date-range can be customized by using the date-range picker at the top right of the Web page.



[Back To Top](#)

Application Elapsed Time per User Report

This report is available from the ServerGenius Web interface by clicking on the RDS Servers tab, then Running Applications Reports tab, and then Per User Elapsed Time.

It displays the **application's total execution time per user**, in minutes, for the top 30 applications over the selected time range.

The date-range can be customized by using the date-range picker at the top right of the Web page.



[Back To Top](#)

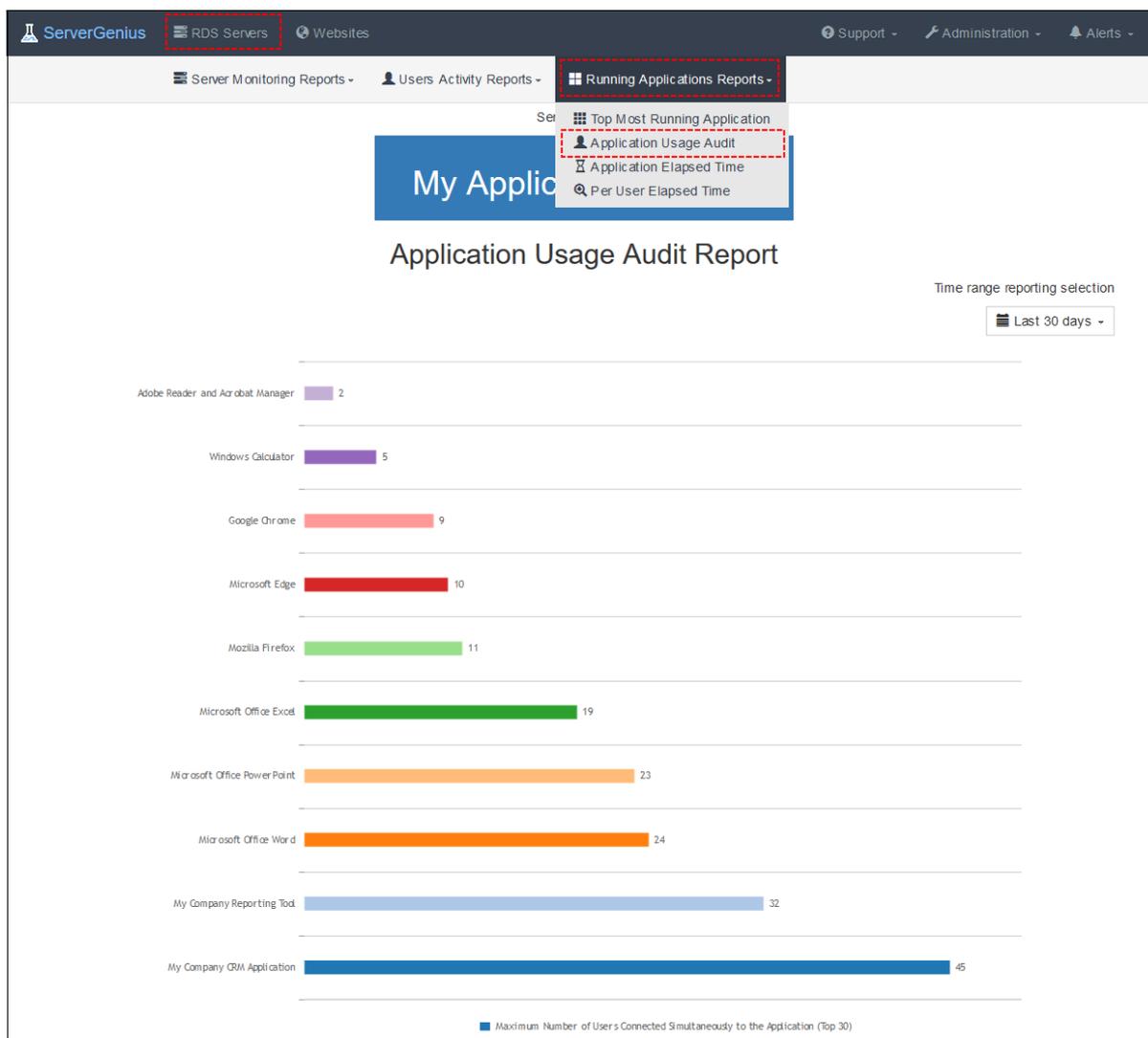
[Back To Top](#)

Application Usage Audit Report

This report is available from the ServerGenius Web interface by clicking on the RDS Servers tab, then Running Applications Reports tab, and then Application Usage Audit.

It displays the **Number of users connected simultaneously to the application**, for the top 30 most utilized applications over the selected time range.

The date-range can be customized by using the date-range picker at the top right of the Web page.



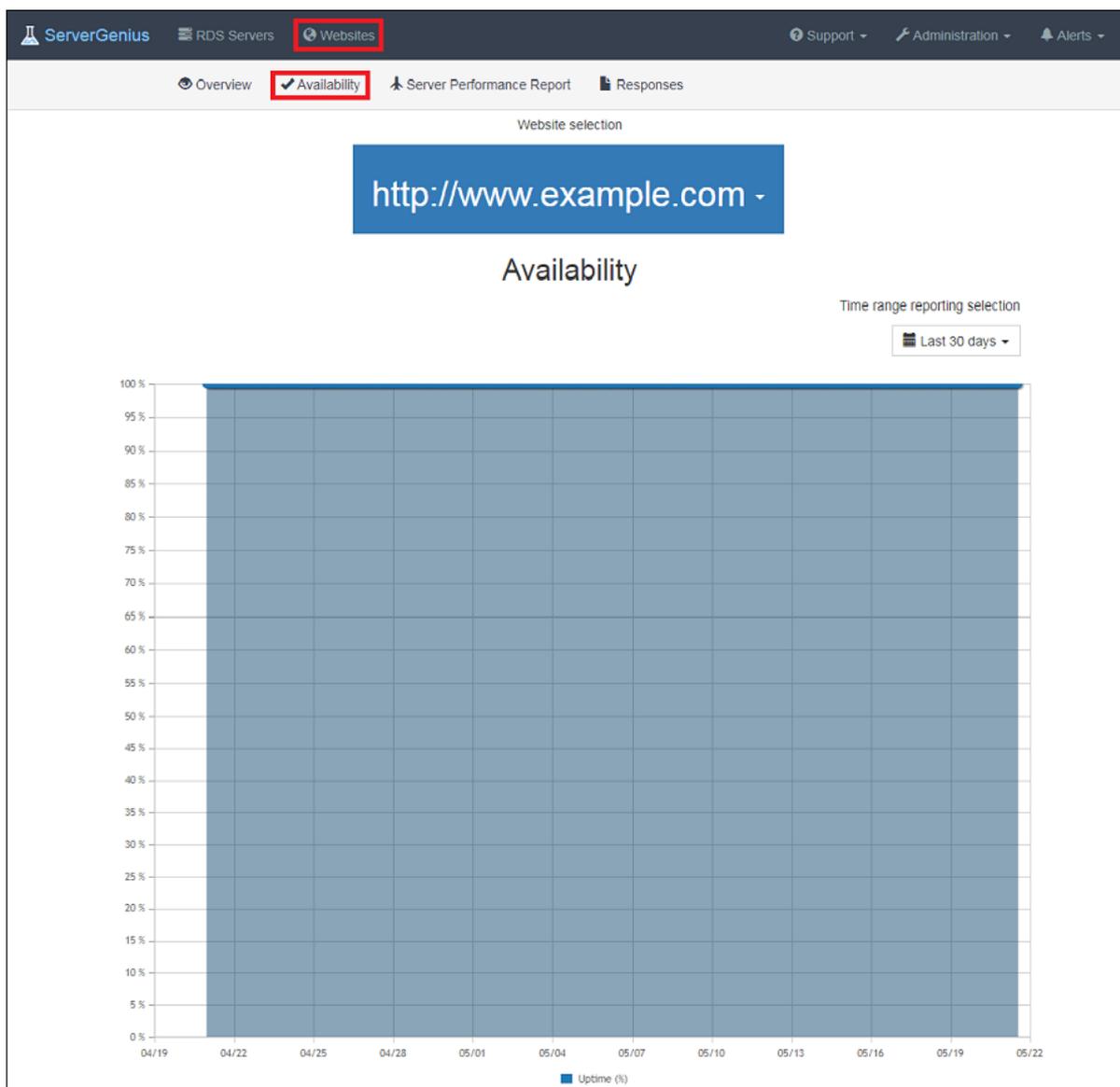
[Back To Top](#)

Website Availability Report

This report is available by clicking on the **Availability** tab from the **Websites** menu on ServerGenius web interface.

The **Website Availability Report** displays the uptime in percentage for the specified period of time.

The period of time can be customized by using the date-range picker at the top right of the web page.

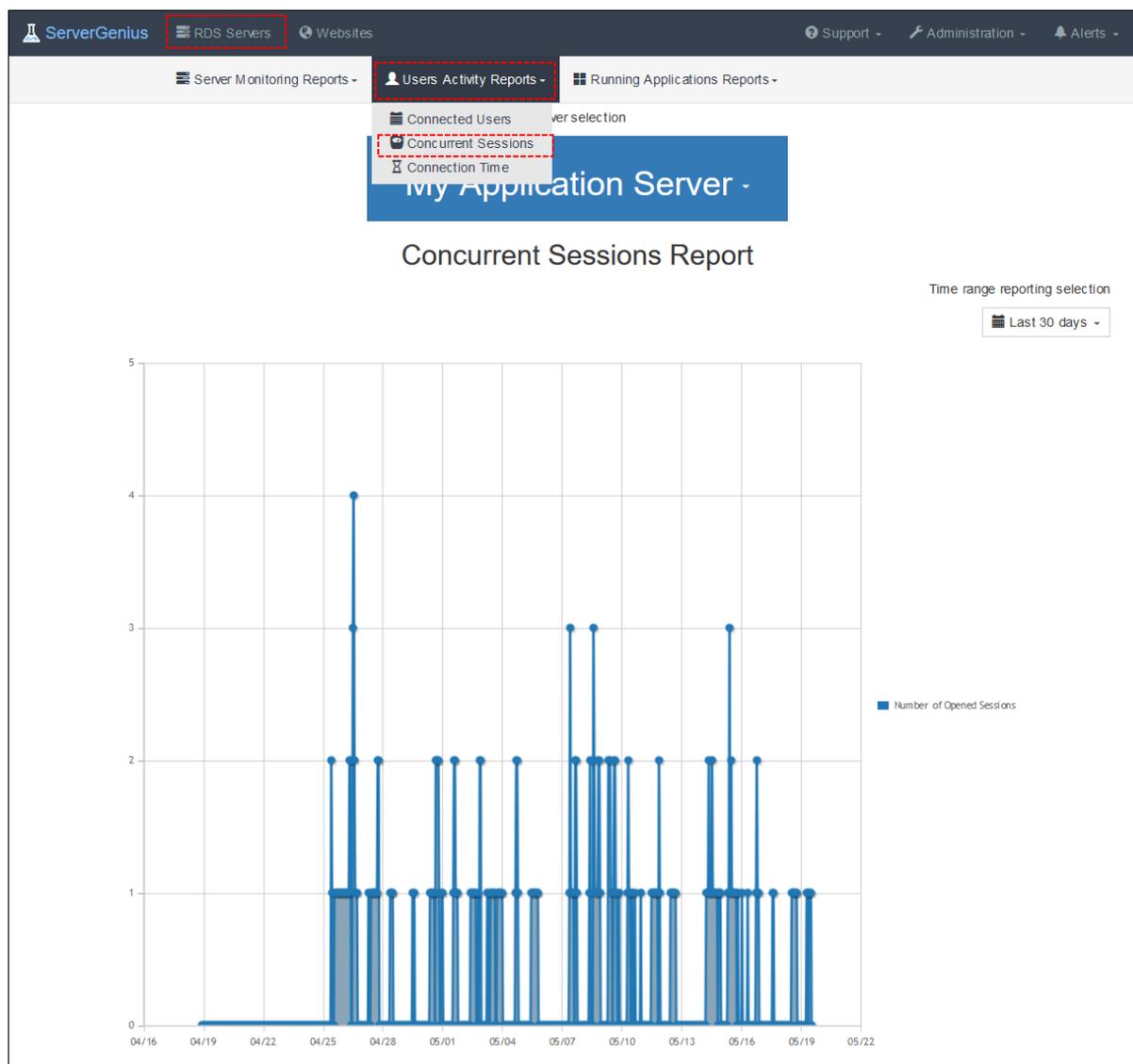


Concurrent Sessions Report

This report is available from the ServerGenius Web interface by clicking on the RDS Servers tab, then Users Activity Reports tab, and then Concurrent Sessions.

It displays the number of **opened Remote Desktop Services (RDS) sessions** for the selected period of time.

The date-range can be customized by using the date-range picker at the top right of the Web page.



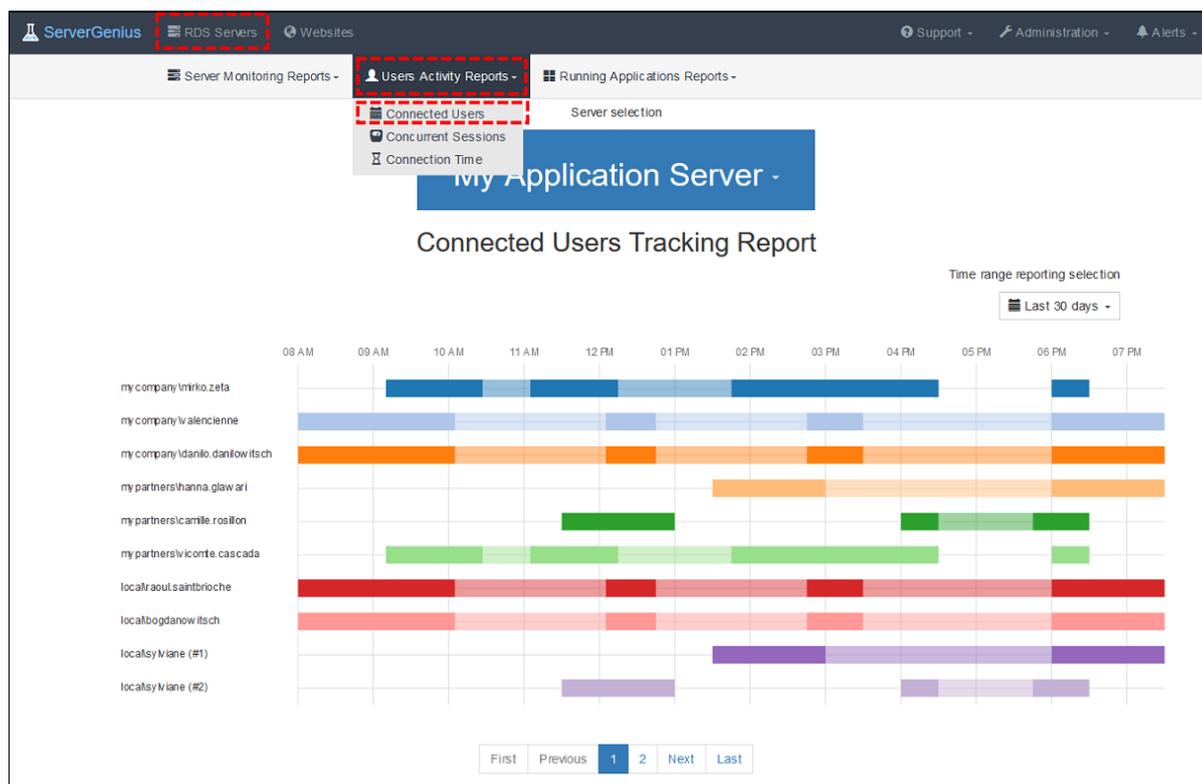
[Back To Top](#)

Connected Users Tracking Report

This report is available from the ServerGenius Web interface by clicking on the RDS Servers tab, then Users Activity Reports tab, and then Connected Users.

It displays the log of the **opened Remote Desktop Services (RDS) sessions** for the selected period of time.

The date-range can be customized by using the date-range picker at the top right of the Web page.



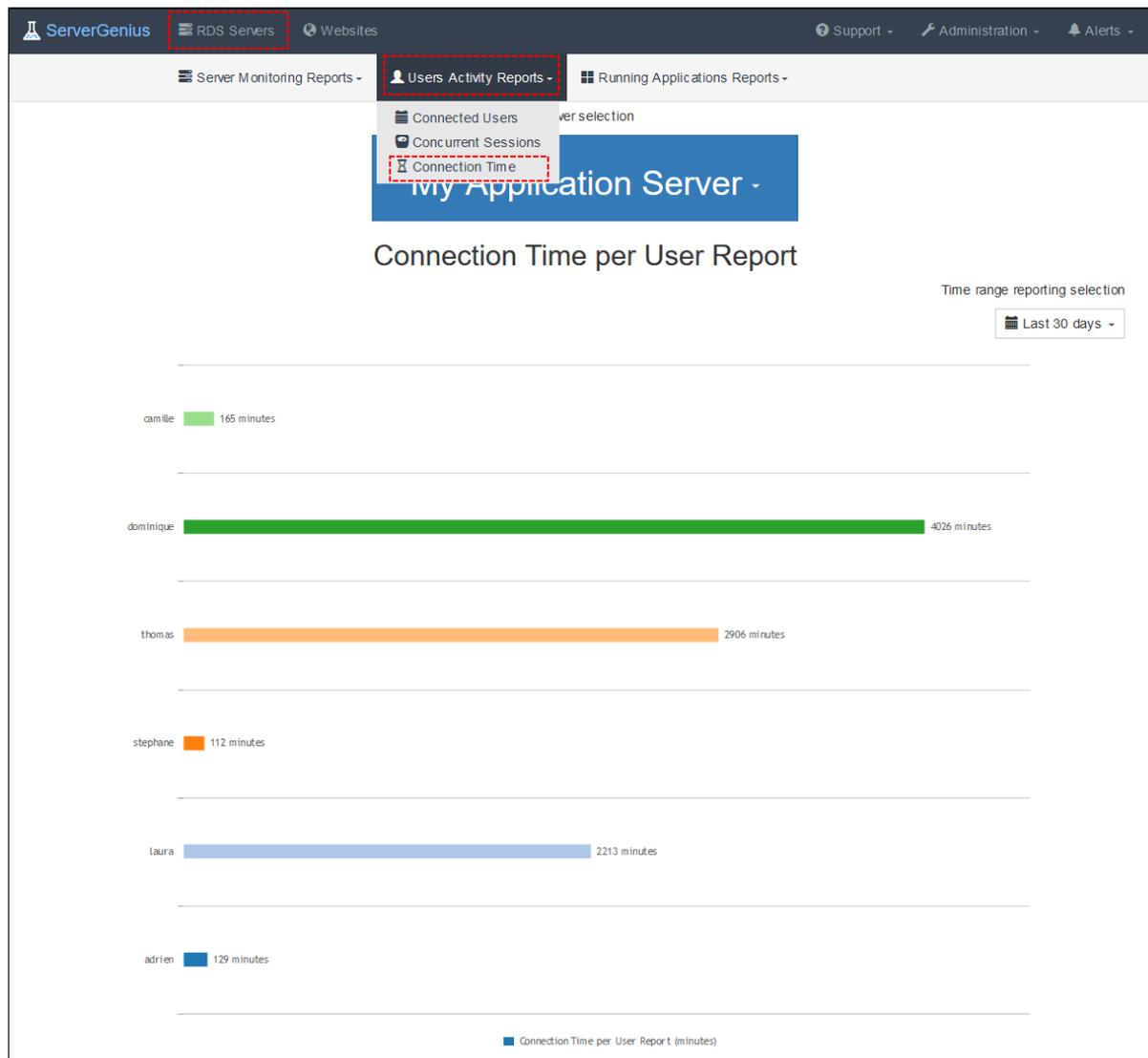
[Back To Top](#)

Connection Time per User Report

This report is available from the ServerGenius Web interface by clicking on the RDS Servers tab, then Users Activity Reports tab, and then Connection Time.

It displays the **number of minutes each user was connected to the server through a Remote Desktop Services (RDS) session** for the selected period of time.

The date-range can be customized by using the date-range picker at the top right of the Web page.



[Back To Top](#)

How is data saved and can I access it from my own applications?

In ServerGenius, all your data is saved in an open format. We use a PostgreSQL database to store both global and servers and websites specific data.

The PostgreSQL database files are stored in the “db” directory inside ServerGenius setup directory.

Even if you can access these files both in read and write mode, we recommend that you always use read-only access mode, in order to avoid any conflict between ServerGenius and your own applications.

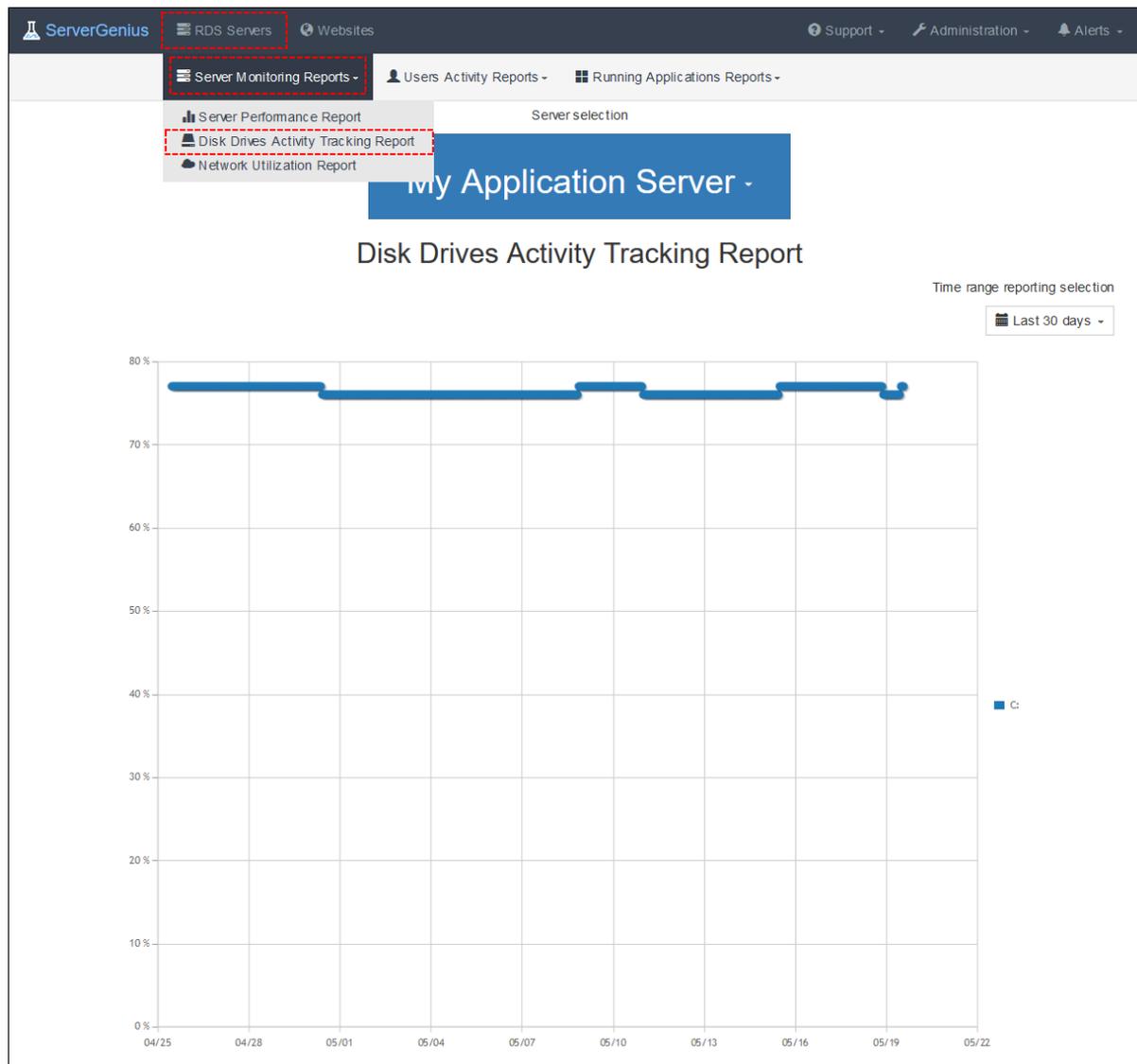
Do not hesitate to contact us if you want to know more on developing your own applications using ServerGenius data.

Disk Drives Activity Tracking Report

This report is available from the ServerGenius Web interface by clicking on the RDS Servers tab, then Server Monitoring Reports tab, and then Disk Drives Activity Tracking Report.

It displays the **Disk used space**, in percentage of the total available disk space

The date-range can be customized by using the date-range picker at the top right of the Web page.



[Back To Top](#)

Error

This page does not exist.

[Return to the home page](#)

Table of Contents

Planning and Managing Server Genius

- [Get Started with ServerGenius](#)
- [Pre-requisites](#)
- [Installation](#)
- [Updating ServerGenius](#)
- [Activating your license](#)
- [Servers Management](#)
- [Websites Management](#)
- [Settings](#)
- [Choose a nickname for your servers](#)

Reporting Features

Server Monitoring Reports

- [Performance Report](#)
- [Disk Drives Activity Tracking Report](#)
- [Network](#)

Users Activity Reports

- [Connected Users Tracking Report](#)
- [Concurrent Sessions Report](#)
- [Connection Time per User Report](#)

Running Applications Reports

- [Top Most Running Applications Tracking](#)
- [Application Usage Audit Report](#)
- [Application Elapsed Time Report](#)
- [Application Elapsed Time per User Report](#)

Websites Reporting Features

- [Website Overview Report](#)
- [Website Availability Report](#)
- [Website Performance Report](#)
- [Website Responses Report](#)

Monitoring Features

- [Alerts Management](#)

Advanced Features

- [Enabling HTTPS \(SSL\)](#)

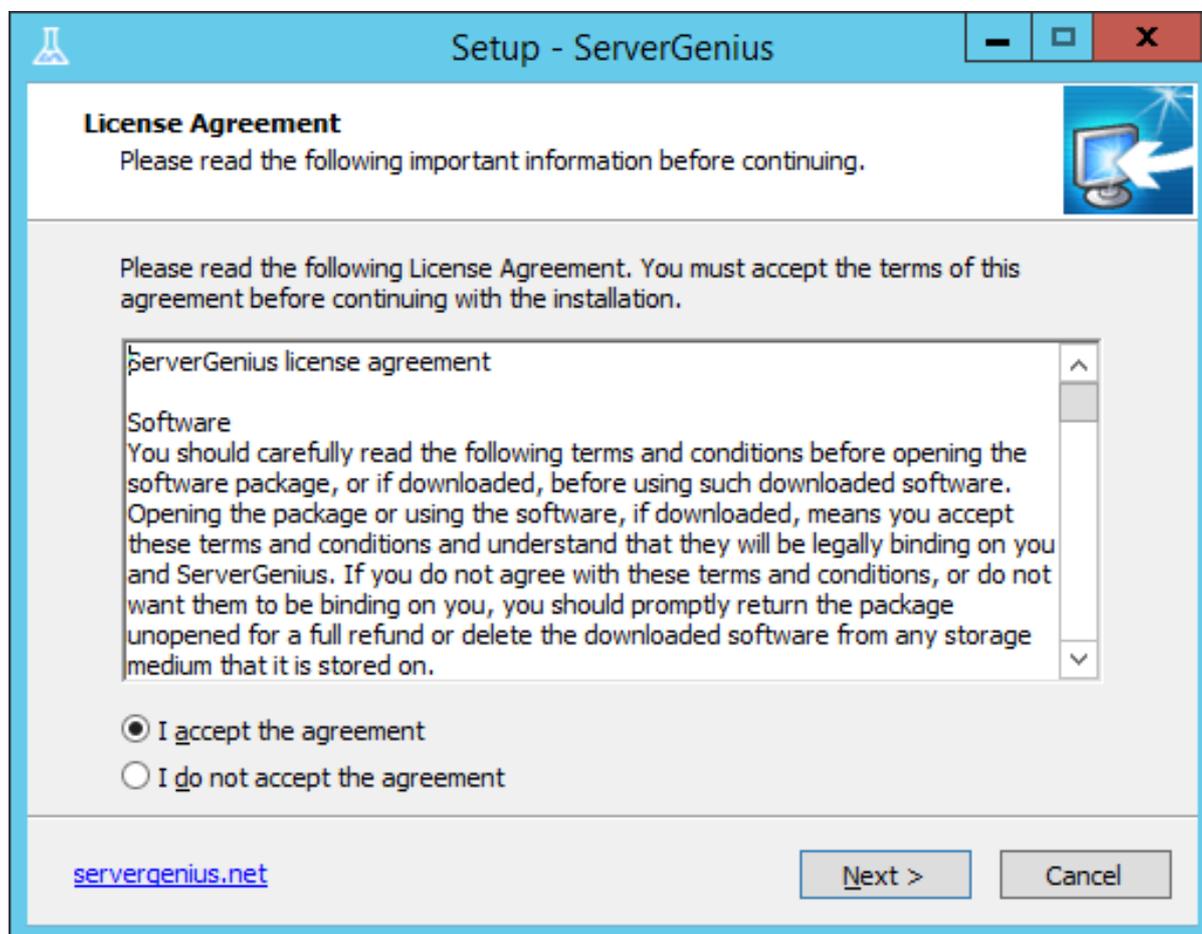
Frequently Asked Questions

- [How is data saved and can I access it from my own applications?](#)
- [ServerGenius CPU consumption is above expected. What can I do?](#)

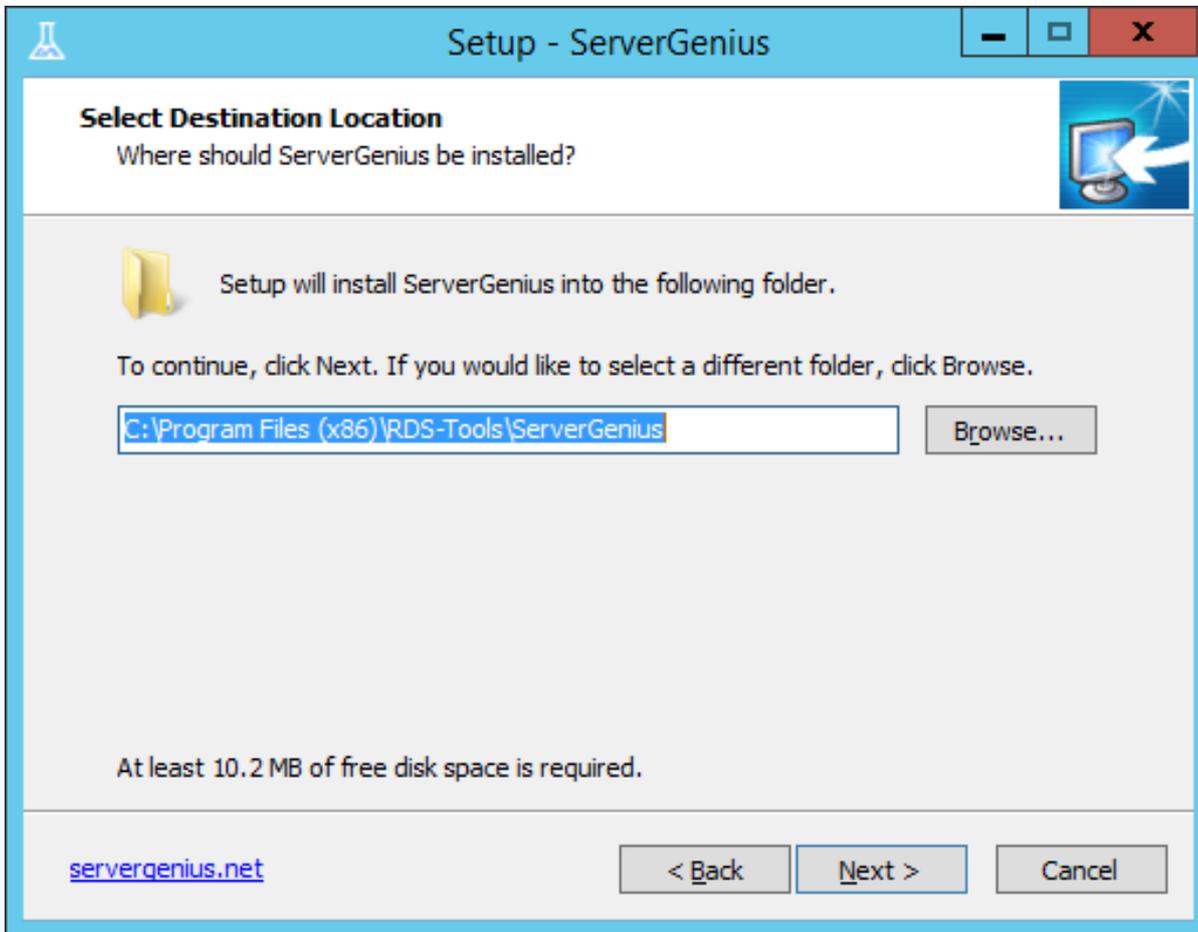
Installation

Run ServerGenius Setup program and then **follow the installation steps**.

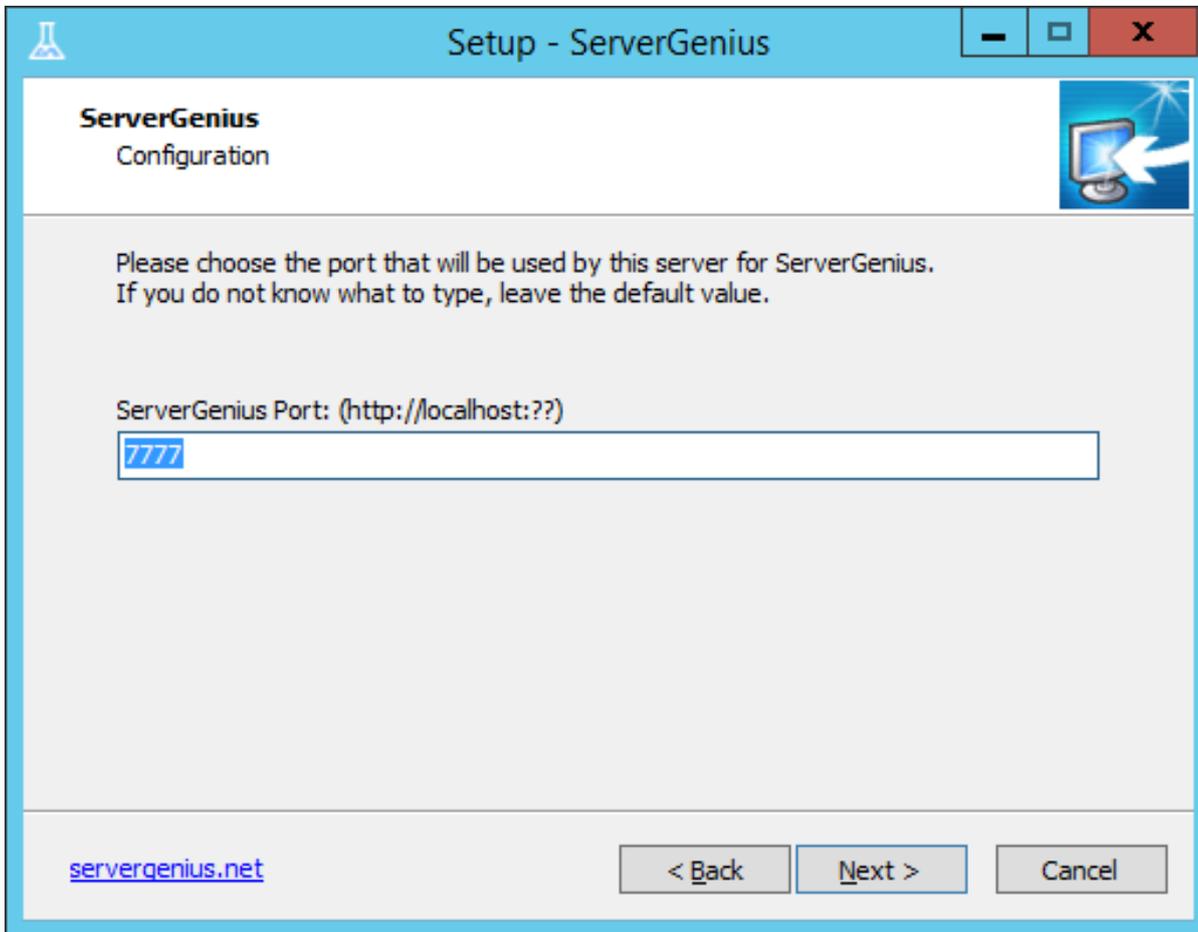
Please note that you must run this Setup as an Administrator, but don't worry, Windows will automatically require it.



Click on "Next" if you agree to the license.



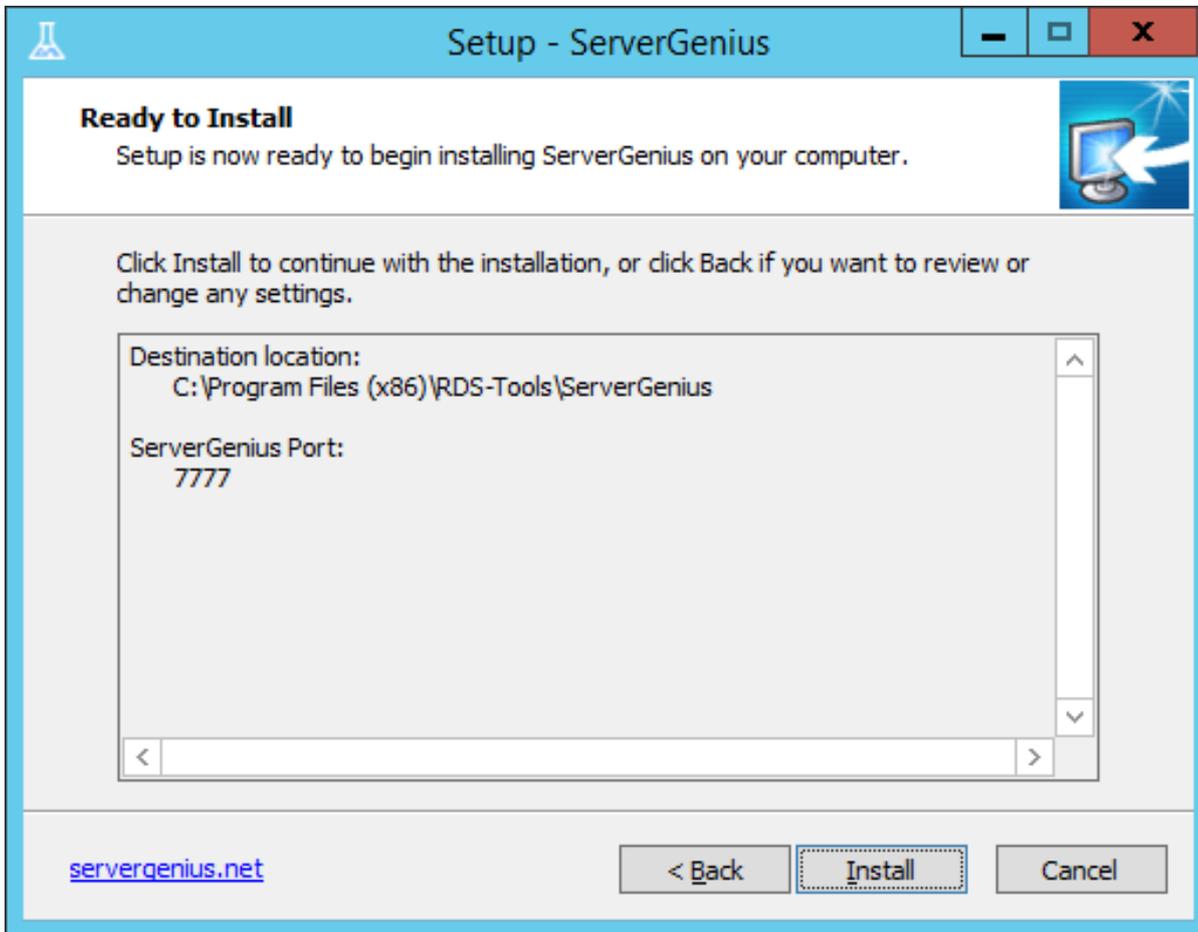
Choose where to install ServerGenius on your computer (we recommend to use the default path).



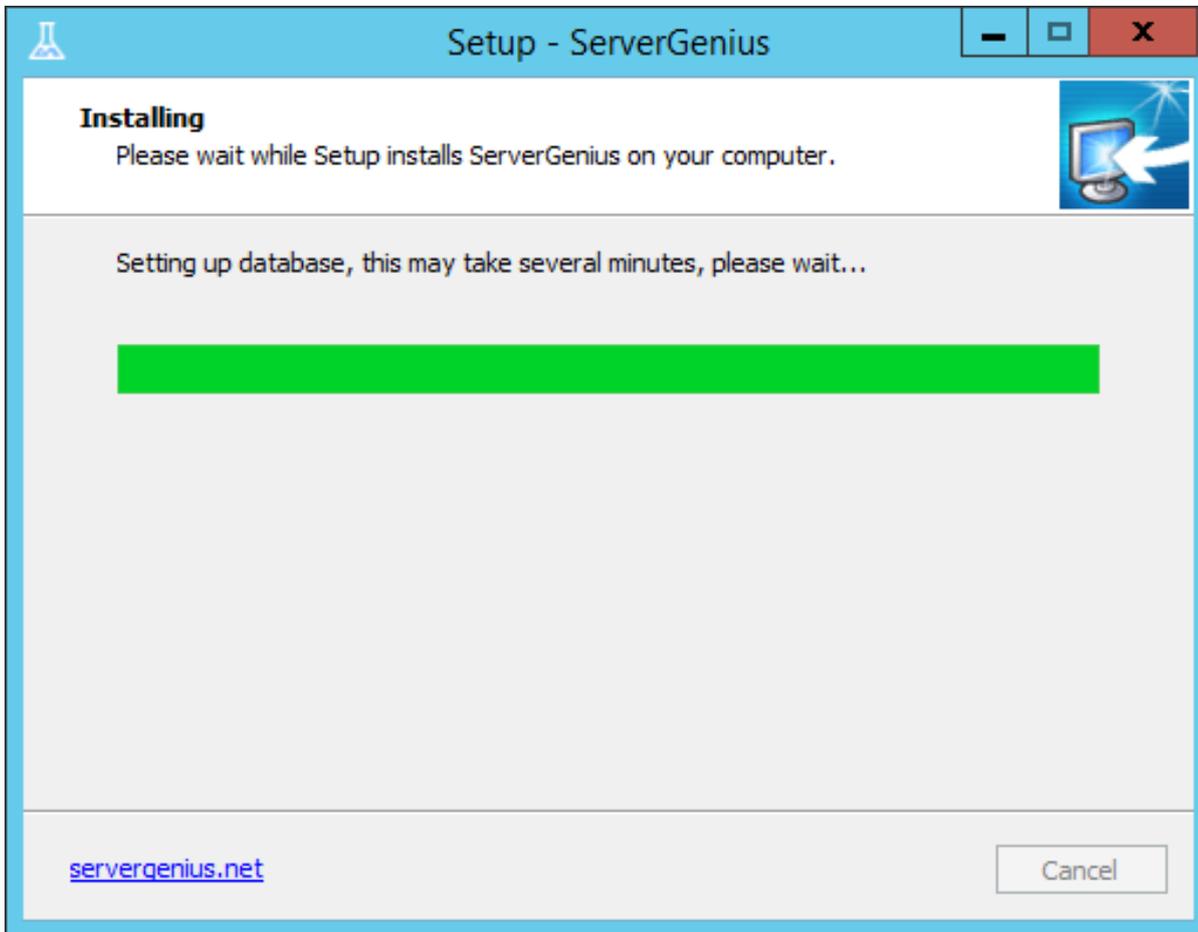
Choose the port on which ServerGenius will publish its web interface.

This is the network port on which you will browse to see ServerGenius reports, alerts, administration panel, etc.

If you do not know what to enter, we recommend you to use the default port. You can change it after the installation if you need to.

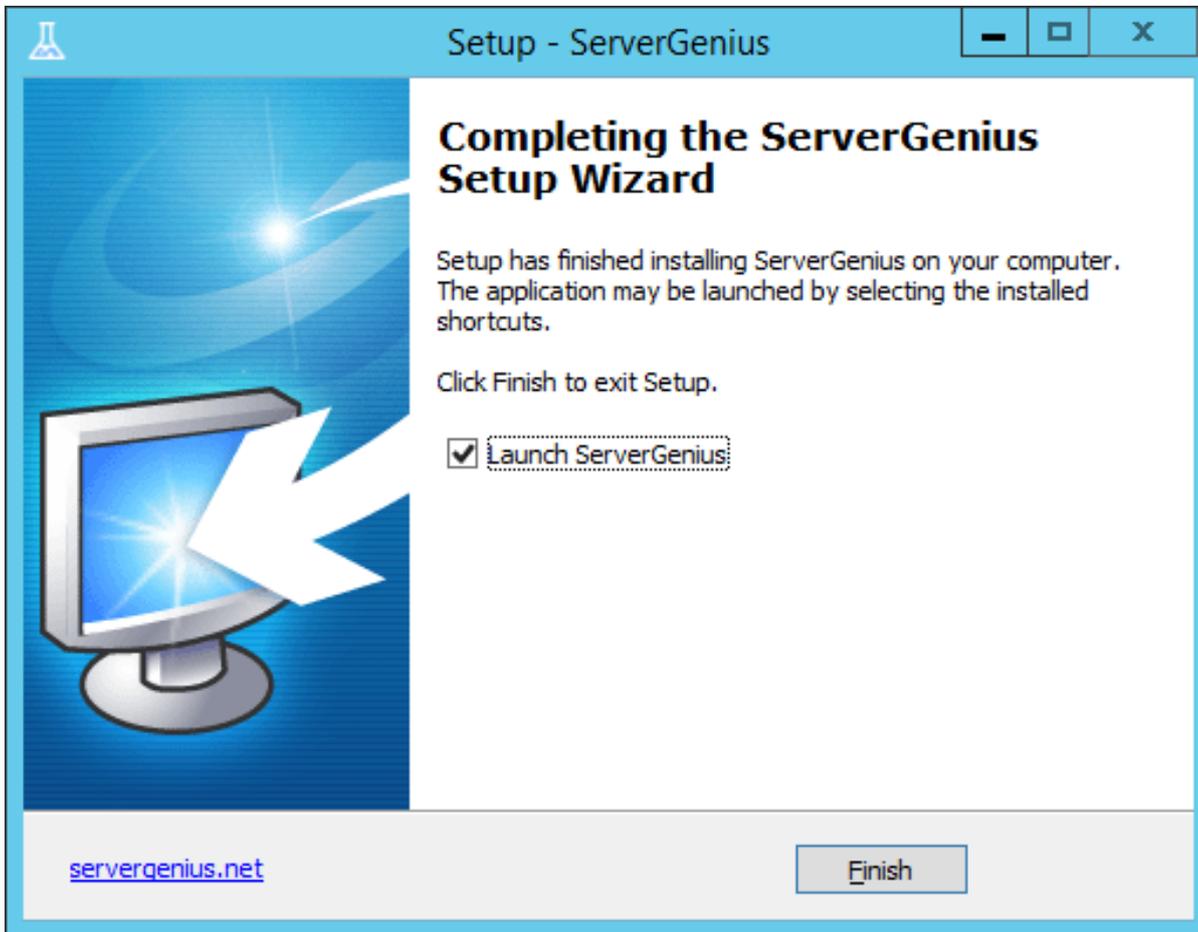


The Setup is now ready to install ServerGenius on your computer. Click on "Install" to start the actual installation.



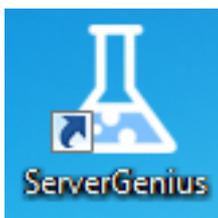
A progress bar is displayed and allows you to follow the installation progress.

Please be patient, as it can sometimes take up to a few minutes to fully install the software.

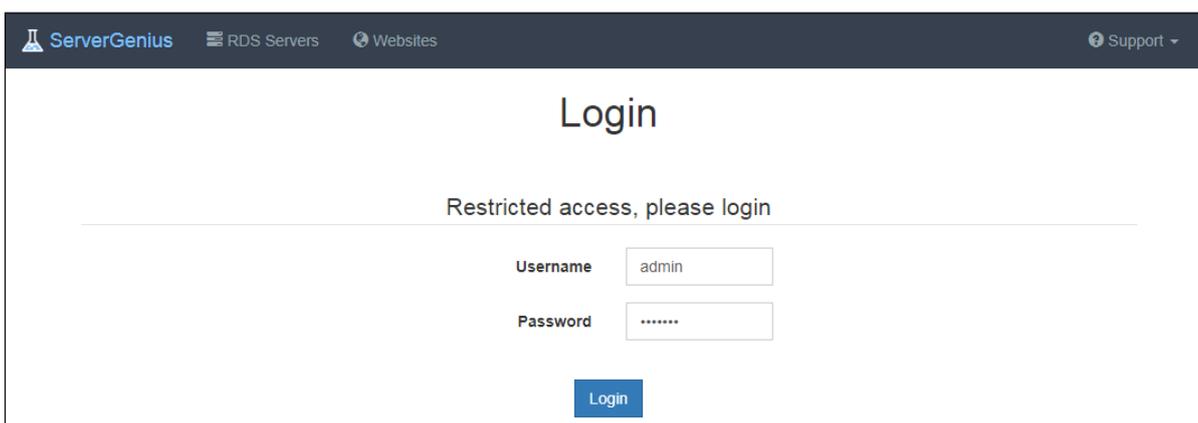


The installation is now finished and ServerGenius is already running in the background on your server.

You can now start using ServerGenius by double-clicking on its icon on your Windows desktop:



or by opening your browser and browsing to ServerGenius address (<http://localhost:7777> by default):



The free trial version is fully featured for 2 weeks.

Network

This report is available by clicking under the Servers tab → Network on the Server Genius web interface.

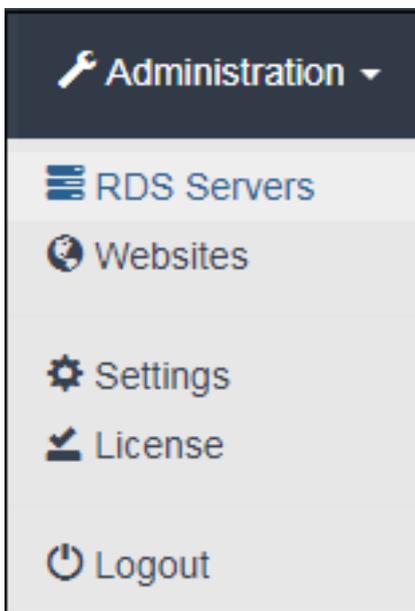
It displays the Network usage with data sent and received in bytes/second for each hour, per server:



The date-range can be customized by using the date-range picker at the top right of the web page.

Choose a nickname for your servers

Sometimes, the server computer name is not the easiest way to distinguish your monitored servers. ServerGenius enables you to choose a nickname for your servers and easily identify them.



From ServerGenius homepage, select **Administration** and then, click on **RDS Servers**.

A screenshot of the 'Servers Management' page. At the top, there is a large heading 'Servers Management' and a blue button with a plus sign and the text '+ Add a new Server'. Below this is a table with four columns: 'Server Nickname', 'Computer Name', 'Edit Nickname', and 'Remove'. The first row of data shows 'DESKTOP-EEDE997' in both the 'Server Nickname' and 'Computer Name' columns. In the 'Edit Nickname' column, there is a button with a pencil icon and the text 'Edit'. In the 'Remove' column, there is a red button with a trash can icon and the text 'Remove'.

From the list of monitored servers, click on **Edit** in order to give a nickname to the corresponding server.

Server Nickname Edition

Edit Server Nickname

Server Alias

My Applica

Save

Type a **nickname** for your server, and then click **Save**.

Servers Management

+ Add a new Server

| Server Nickname | Computer Name | Edit Nickname | Remove |
|-----------------------|-----------------|--|--|
| My Application Server | DESKTOP-EEDE997 |  Edit |  Remove |

Your server has been renamed in ServerGenius and will be displayed using the specified nickname in the reporting sections.

Website Overview Report

This report is available by clicking on the **Overview** tab from the **Websites** menu on ServerGenius web interface.

The **Website Overview Report** provides the following information:

- An **heat map** highlighting the website health for the past years. A red square indicates that the website was subject of one or multiple outages during the day. An outage means that the website was unreachable by ServerGenius or the website response code is an error code.
- **Availability** panel presents the calculated uptime and downtime in percentage for the specified period of time ; as well as the number of outages registered and the outages total duration in minutes.
- **Performance** panel displays the latest, average, minimum and maximum response time in milliseconds for the specified period of time.
- **Responses** panel list the number of responses by response category.

The period of time can be customized by using the date-range picker at the top right of the web page. Please note that the heat-map will display the complete years corresponding to the selected period of time.

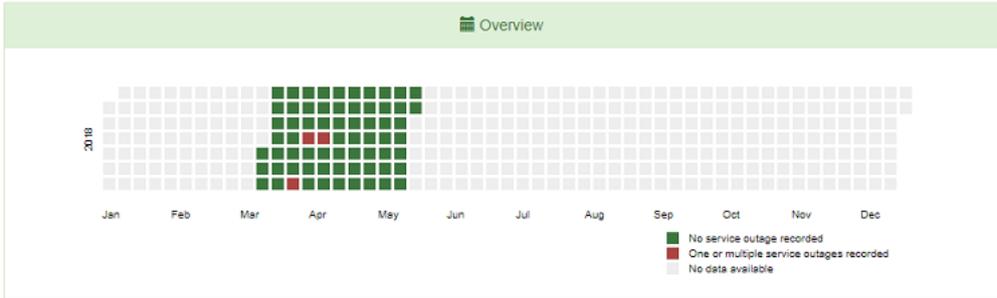
Website selection

http://www.example.com

Overview

Time range reporting selection

Last 30 days



Availability

| Uptime | Downtime | Number of Outages | Total Outages Duration |
|-----------|----------|-------------------|------------------------|
| 100.000 % | 0.000 % | 0 | 0 minutes |

Server Performance Report

| Latest Response Time | Average Response Time | Minimum Response Time | Maximum Response Time |
|----------------------|-----------------------|-----------------------|-----------------------|
| 109 ms | 106 ms | 72 ms | 7223 ms |

Responses

| Number Of Responses | HTTP Response Code |
|---------------------|--------------------|
| 43794 | OK (200) |

Add a new Website

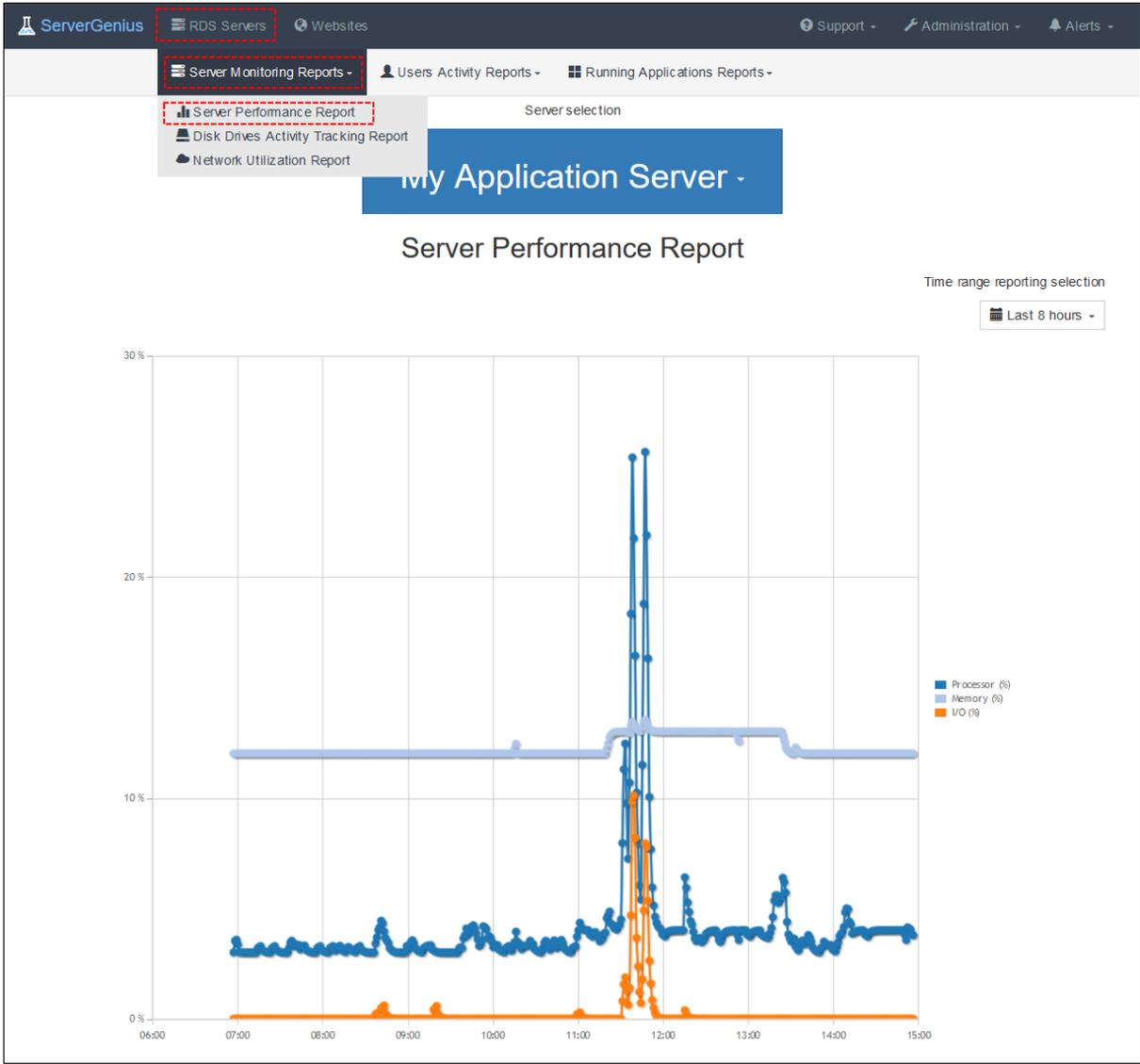
Performance Report

This report is available by clicking under the Servers tab → Performance on the Server Genius web interface.

It displays the following data:

- **CPU usage** (in percentage of the total available CPU power)
- **Memory usage** (in percentage of the total available RAM memory)
- **I/O** (in percentage of the total available disk time)

The date-range can be customized by using the date-range picker at the top right of the web page.



[Back To Top](#)

Website Performance Report

This report is available by clicking on the **Performance** tab from the **Websites** menu on ServerGenius web interface.

The **Website Performance Report** displays the maximum, average and minimum response time in milliseconds for the specified period of time.

Please note that for a narrowed down period of time, the maximum and minimum response time will not be displayed and the actual response time will be displayed.

The period of time can be customized by using the date-range picker at the top right of the web page.

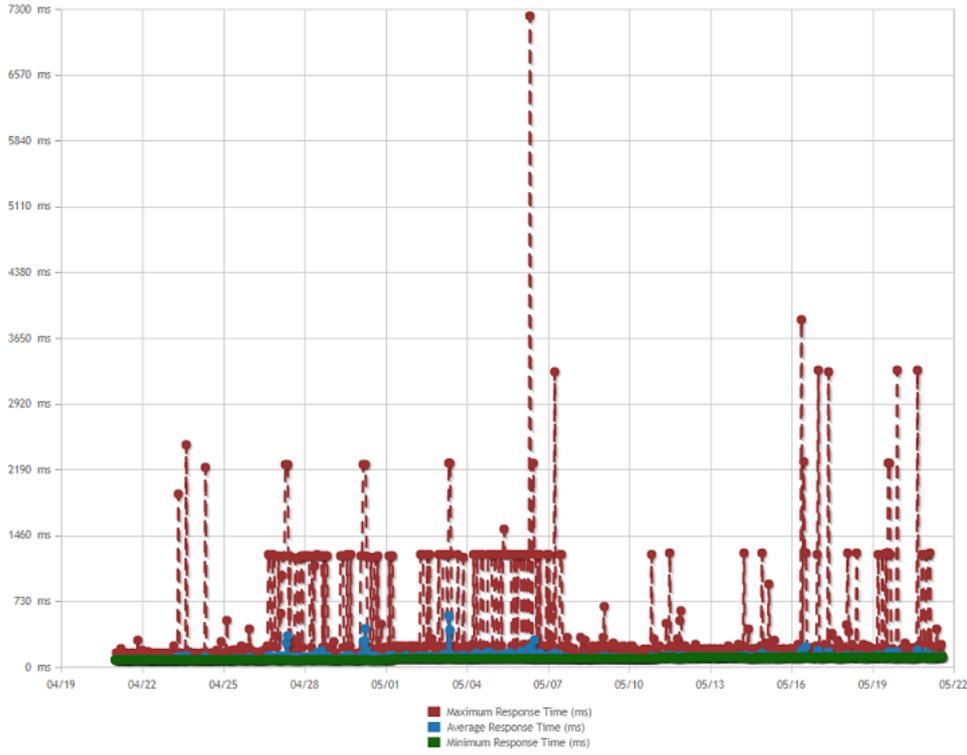
Website selection

http://www.example.com

Server Performance Report

Time range reporting selection

Last 30 days



ServerGenius CPU consumption is above expected. What can I do?

1. Check for updates

Please check regularly for updates, as most of them offer performance improvements. We recommend you to apply ServerGenius updates out of working hours since the update may perform long running background operations on the database.

ServerGenius latest update is always available from the following [direct link](#).

2. Apply recommended configuration

A database will always take all computing resources available to complete requests as soon as possible. Therefore, it is recommended to size ServerGenius server according to its usage.

Please find below our recommendations based on the number of monitored servers:

| Monitored servers | CPU | Memory (RAM) |
|-------------------|-----|--------------|
| 1-2 | 2 | 8 |
| 3-4 | 4 | 16 |
| 5+ | 8 | 32 |

Installing ServerGenius on an SSD type disk drive is recommended for better performance.

Also, you may need to allocate additional disk space for ServerGenius Server, depending on the number of servers and websites monitored, and coincidentally the amount of data collected and stored in the PostgreSQL database.

Finally, please note that it is generally a good idea to run a monitoring application such as ServerGenius on a dedicated server. This prevents other applications to reduce available resources.

3. Customize database configuration

ServerGenius relies on [PostgreSQL](#) database engine. The PostgreSQL database configuration file can be customized based on the server's hardware configuration to enable optimal performance.

The following information are required to build your custom configuration file:

- Memory (RAM)
- Number of CPUs
- Storage type (HDD, SSD or SAN)

Several websites are able to generate the most relevant configuration file based on these information, such as <https://pgtune.leopard.in.ua>.

For example, please find below a recommended configuration for a 2 CPU, 8 GB RAM server using HDD storage:

DB Version: 10

Total Memory (RAM): 8 GB

CPUs num: 2

Data Storage: hdd

```
max_connections = 20 shared_buffers = 512MB effective_cache_size = 6GB
maintenance_work_mem = 512MB checkpoint_completion_target = 0.7 wal_buffers = 16MB
default_statistics_target = 100 random_page_cost = 4 work_mem = 128MB min_wal_size = 1GB
max_wal_size = 2GB max_worker_processes = 2 max_parallel_workers_per_gather = 1
max_parallel_workers = 2
```

Note: ServerGenius uses PostgreSQL version 10

These settings should be replaced in the database configuration file located at: C:\Program Files (x86)\RDS-Tools\ServerGenius\pgsql\data\postgresql.conf. Then, the service ServerGeniusDatabase must be restarted for the changes to take effect.

4. Rebuild database indexes

A database index is a data structure that improves the speed of data retrieval operations on a database. Indexes are used to quickly locate data without having to search every row in a database table every time a database table is accessed.

We recommend you to rebuild database indexes periodically in order to speed up data access. This maintenance task may take a while and we recommend you to proceed outside of working hours. From an elevated command prompt, navigate to the ServerGenius\pgsql\bin directory and enter the following command:

```
C:\Program Files (x86)\RDS-Tools\ServerGenius\pgsql\bin> psql -U postgres -p 7779 -d servergenius -c "REINDEX DATABASE servergenius"
```

When prompted for a password, type password. This operation may take up to an hour and may increase performance dramatically.

5. Contact our customer support

If all the above recommendations failed to provide you an acceptable experience with ServerGenius, please do not hesitate to contact our customer support and raise a ticket at <https://terminalserviceplus.freshdesk.com>. We will be happy to help you regain control of your ServerGenius installation.

In order to facilitate our technical support and to reproduce your issue, we might ask you an export of your database.

In order to do so, from an elevated command prompt, navigate to the ServerGenius\pgsql\bin directory and enter the following command:

```
C:\Program Files (x86)\RDS-Tools\ServerGenius\pgsql\bin> pg_dump.exe -p 7779 -U postgres servergenius export1.dump
```

When prompted for a password, type password.

Once the export has finished, please share us the file located at C:\Program Files (x86)\RDS-Tools\ServerGenius\pgsql\export1.dump with any file transfer service.

Pre-requisites

Hardware Requirements

Please find below our recommendations based on the number of monitored servers:

| Monitored servers | CPU | Memory (RAM) |
|-------------------|-----|--------------|
| 1-2 | 2 | 8 |
| 3-4 | 4 | 16 |
| 5+ | 8 | 32 |

Installing ServerGenius on an SSD type disk drive is recommended for better performance.

Also, you may need to allocate additional disk space for ServerGenius Server, depending on the number of servers and websites monitored, and coincidentally the amount of data collected and stored in the PostgreSQL database.

Finally, please note that it is generally a good idea to run a monitoring application such as ServerGenius on a dedicated server. This prevents other applications to reduce available resources.

Operating System

ServerGenius is compatible with the following OS:

- Windows **7 Service Pack 1**
- Windows **8/8.1**
- Windows **10 Pro**
- Windows **11 Pro**
- Windows **Server 2008 SP2/Small Business Server SP2 or 2008 R2 SP1**
- Windows **Server 2012 or 2012 R2**
- Windows **Server 2016**
- Windows **Server 2019**
- Windows **Server 2022**

Both 32 and 64 bits architectures are supported.

Network

Only one network port is required, and will be asked during the setup. By default, we suggest to use port 7777, which is not an officially registered port and therefore not assigned to specific services.

If you want to access your ServerGenius web interface from outside your company's network, you will need either a public IP address or a domain name / subdomain to access the server.

If you cannot connect to ServerGenius web interface on your server, please contact your Administrator first, as this is most probably a network or firewall issue, not a ServerGenius issue.

Get Started with ServerGenius

Step 1: Installing ServerGenius on your computer

Installing ServerGenius is an easy process.

Just download it from [our web site](#), run the Setup-ServerGenius.exe and follow the steps detailed [here](#).

Files are decompressed and copied into:

- “C:\Program Files\RDS-Tools\ServerGenius” folder (32 bit systems)
- “C:\Program Files (x86)\RDS-Tools\ServerGenius” folder (64 bit systems).

The trial version is a full featured version limited to 2 weeks.

After the installation, there will be a new icon on your Desktop:



Step 2: Checking your Installation

On your server, start an Internet browser (such as Chrome, Firefox or Internet Explorer).

Browse to <http://localhost:7777> by default, or change the “7777” part with the port you have chosen during the installation.

If everything has been installed and configured properly, then you should have a web page such as the one below:

ServerGenius RDS Servers Websites Support

Login

Restricted access, please login

Username

Password

Login

If this page is not displayed, please contact our [Support](#) team.

By default, the login is **admin**, password **admin** which you can then change by modifying the Settings on the Administration tab.

Step 3: Connecting Remotely to your Server's Reporting & Monitoring web interface

You can now connect to ServerGenius web interface from virtually any device (your computer or laptop, your tablet, your mobile phone...).

All you have to do is to browse to <http://yourserver:7777> (using your server's domain name or public IP address).

Next steps

We advise all our customers to read our [online documentation](#).

Do not hesitate to [contact us](#) if you have questions or feedback about ServerGenius and/or this quick-start guide.

Website Responses Report

This report is available by clicking on the **Responses** tab from the **Websites** menu on ServerGenius web interface.

The **Website Responses Report** displays the number of responses per HTTP Code and the failed requests over the selected period of time.

The number of HTTP Responses 200 (OK) over the selected period is displayed on the top of the graph.

The period of time can be customized by using the date-range picker at the top right of the web page.

Website selection

http://terminalserviceplus.com

Responses

Time range reporting selection

Last 30 days

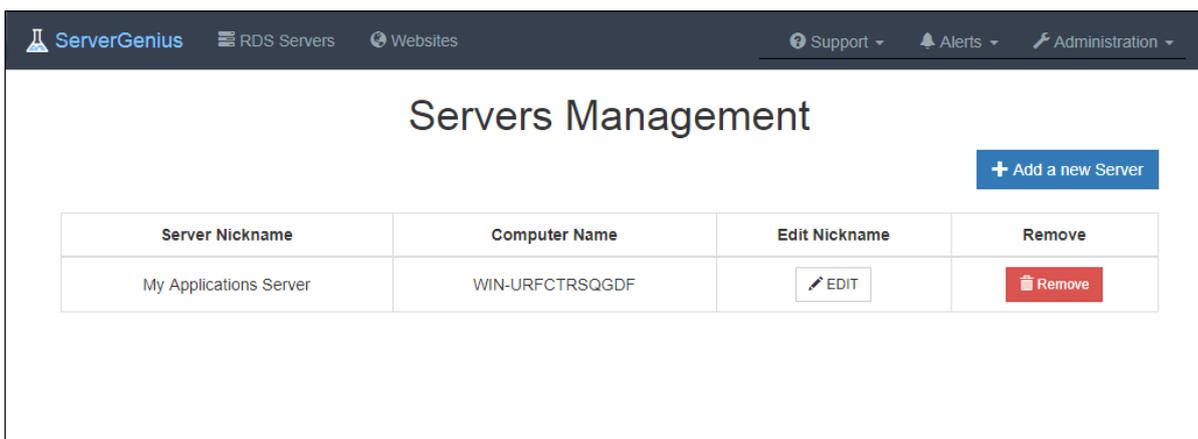
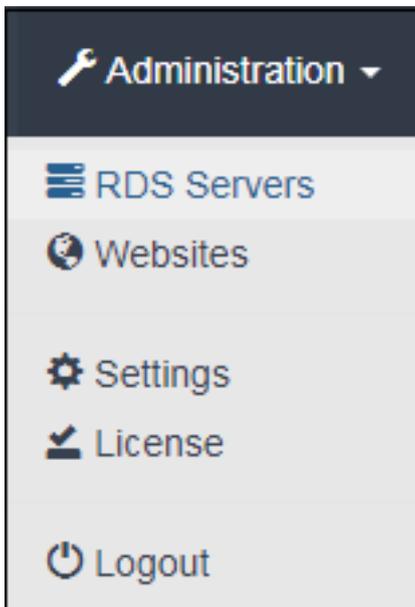
Number of HTTP Responses 200 (OK) over the selected period: **44052**



Number of Responses per HTTP Code over the selected period

Servers Management

You can see and remove the servers you wish to monitor under the Administration tab > RDS Servers tile of Server Genius:



Add a new server by clicking on the "Add a new server" button, you will then see this interface:

ServerGenius RDS Servers Websites Support Alerts Administration

New Server

To start monitoring a new Windows computer:

1. Open a session on the computer you want to start monitoring.
2. Browse to the current page.
3. [Download and run Agent Setup](#)
4. Your computer is now displayed in ServerGenius

Alternatively, you can also download the setup right now, transfer it and then run it directly on the new computer.

Follow the procedure by downloading Server Genius Agent on the new server you wish to add:

Setup - ServerGenius Agent

License Agreement

Please read the following important information before continuing.

Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.

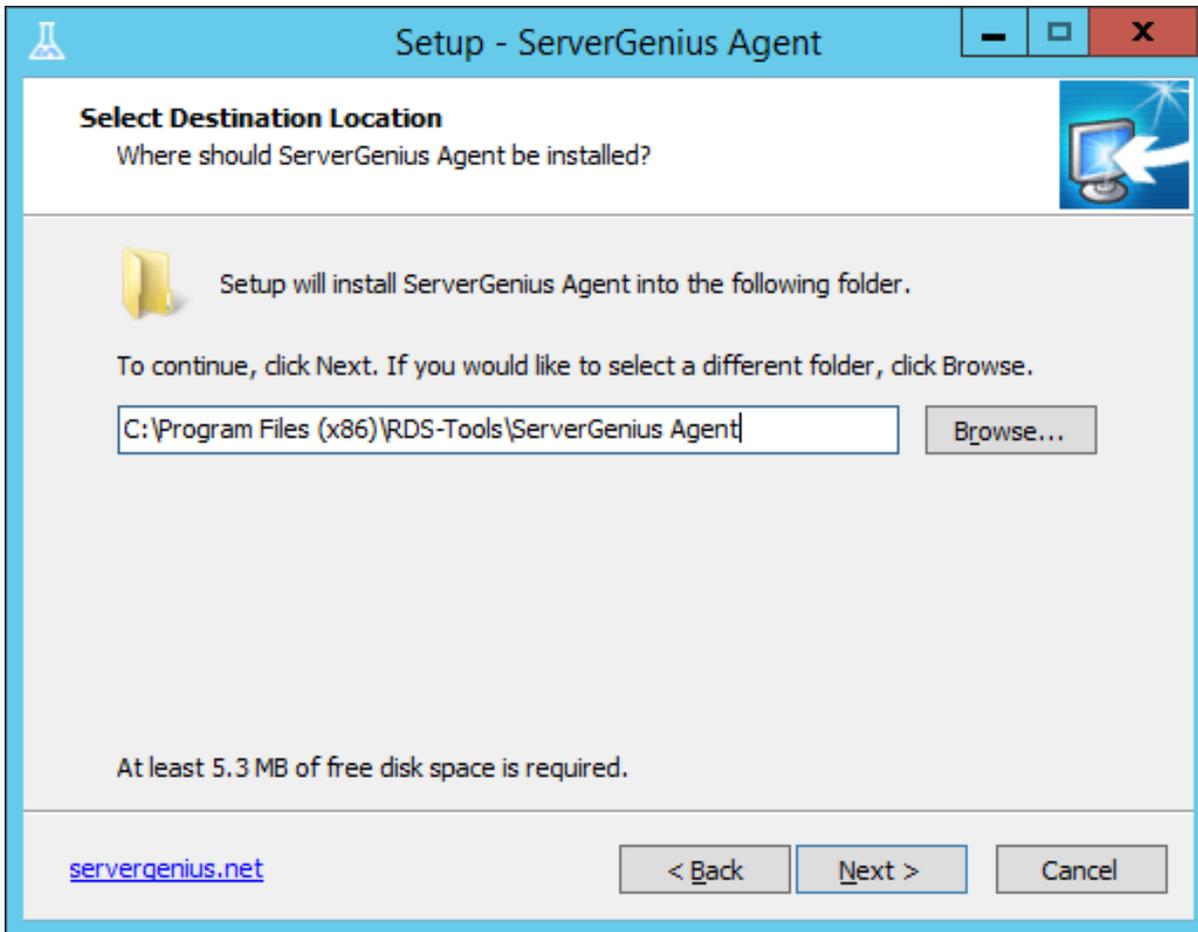
ServerGenius license agreement

Software
You should carefully read the following terms and conditions before opening the software package, or if downloaded, before using such downloaded software. Opening the package or using the software, if downloaded, means you accept these terms and conditions and understand that they will be legally binding on you and ServerGenius. If you do not agree with these terms and conditions, or do not want them to be binding on you, you should promptly return the package unopened for a full refund or delete the downloaded software from any storage medium that it is stored on.

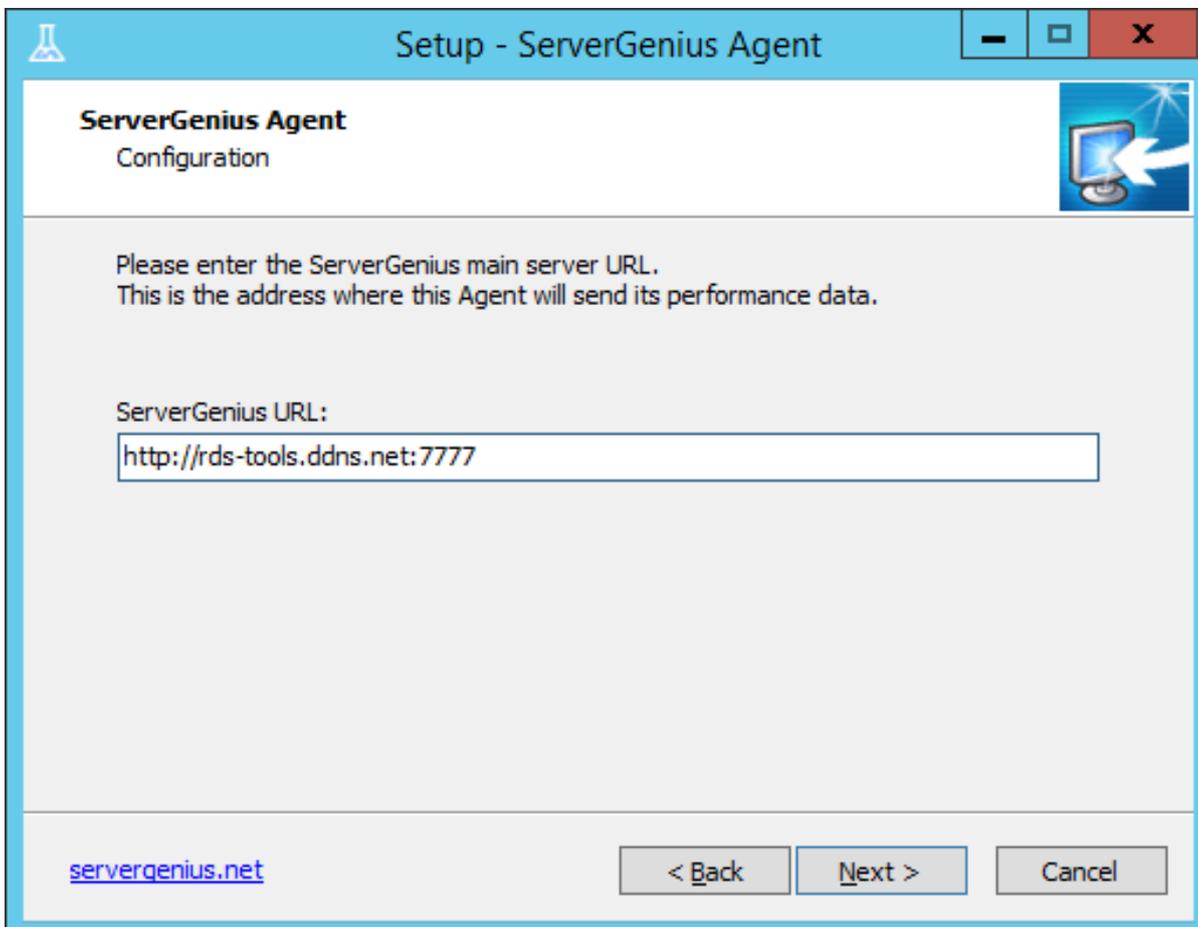
I accept the agreement
 I do not accept the agreement

servergenius.net Next > Cancel

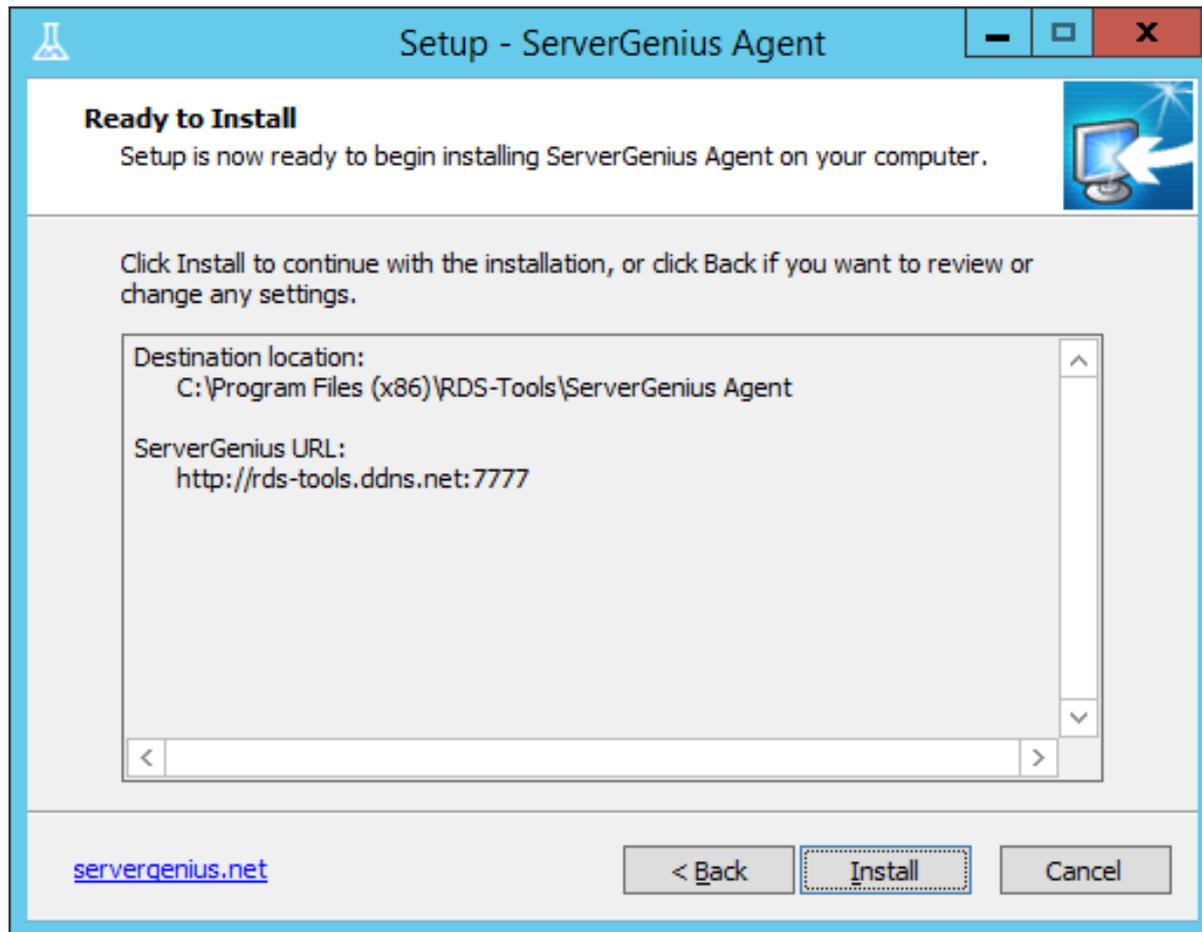
As for Server Genius setup, agree to the License, then select the destination location folder (by default, it will be installed on C:\Program Files (x86)\RDS-Tools\ServerGenius Agent):



Then, enter the main server URL:



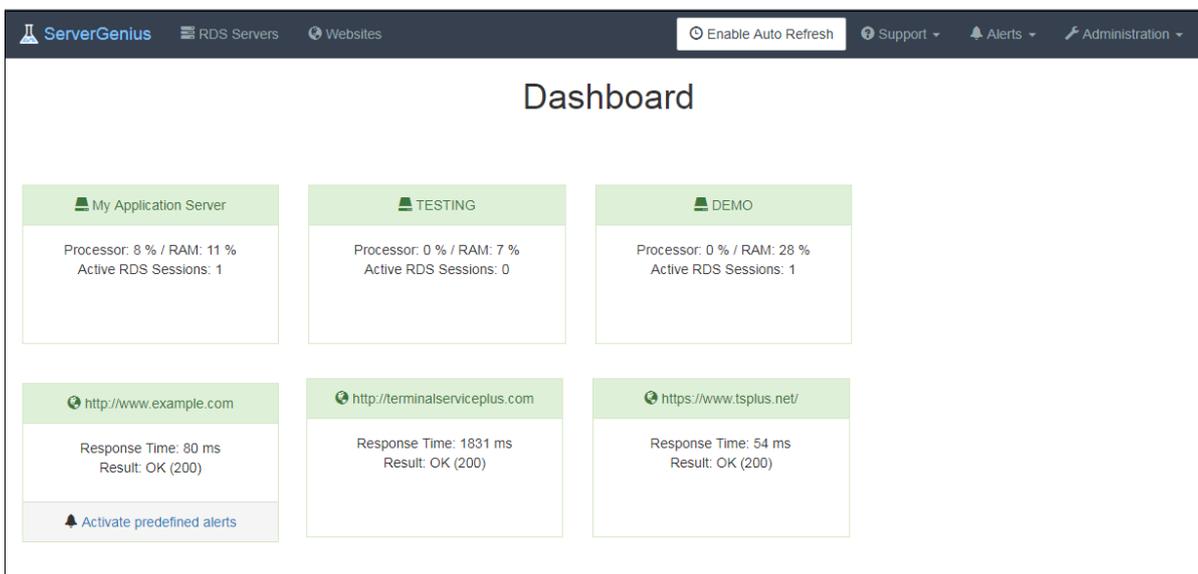
Click on install:



Then click on finish to exit the Setup.



Run the agent and your new server should be visible on the Servers Management interface and on the Dashboard:



Warning: If you accidentally removed your server or want to change its name, we recommend you to uninstall and reinstall Server Genius.

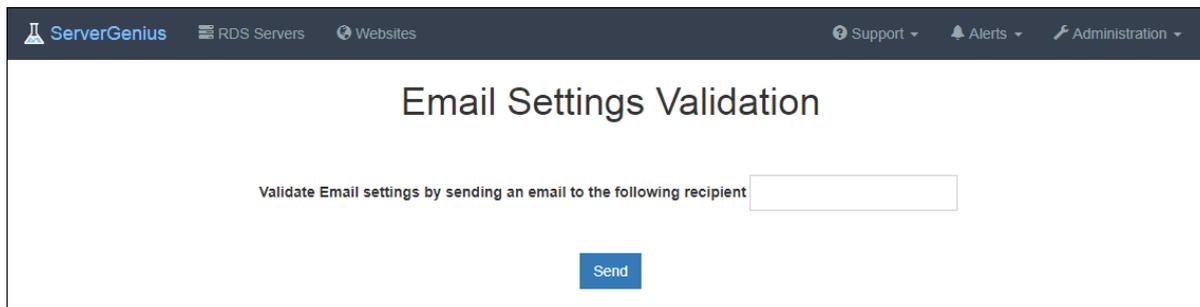
Settings

You can manage ServerGenius settings by clicking under the Administration tab > Settings:

The screenshot shows the ServerGenius Administration interface. The top navigation bar includes 'ServerGenius', 'RDS Servers', 'Websites', 'Support', 'Alerts', and 'Administration'. The 'Administration' dropdown menu is open, highlighting 'Settings'. The main content area is titled 'Administration' and is divided into three sections: 'General Settings', 'Authentication Settings', and 'Emails Settings'.
- **General Settings:** Version 3.4.0.0, Port 7777, Language English (dropdown).
- **Authentication Settings:** Administrator Username 'admin', Administrator Password masked with dots.
- **Emails Settings:** SMTP Hostname 'terminalserviceplus.co', SMTP Port '25', SMTP Username 'alerts@terminalservice', SMTP Password masked with dots, Send Email As 'watchers@terminalser'.
A 'Validate Saved Email Settings' link and a 'Save' button are located at the bottom of the form.

- Under the General Settings, you can see your Server Genius current version and the port you set up during [installation](#) and setup your preferred language.
- Under the Authentication settings, you can modify the Administrator username and password (Which is by default **admin - admin**).
- Under the Email settings, you can set the SMTP Hostname, Port, Username, Password and even set the Email address you will receive the Alerts from.

Since Server Genius 3.4 version, an Email Settings Validation has been added and enables you to test and validate your SMTP server settings. Click on the Validate Saved Email Settings line, then send an email to the recipient of your choice:



The screenshot shows the 'Email Settings Validation' page in the Server Genius application. The top navigation bar includes the 'ServerGenius' logo, 'RDS Servers', and 'Websites' menus on the left, and 'Support', 'Alerts', and 'Administration' menus on the right. The main content area features the title 'Email Settings Validation' and a form with the text 'Validate Email settings by sending an email to the following recipient' followed by an empty text input field. Below the input field is a blue 'Send' button.

[Back To Top](#)

Enabling HTTPS (SSL)

Follow the steps below in order to enable HTTPS (SSL) for the ServerGenius administration website and agents endpoint. As a result, administrators and machine agents will be able to access ServerGenius using the configured HTTPS port.

Please note that enabling SSL support for ServerGenius does not prevent administrators and machine agents from accessing ServerGenius using the current HTTP port configured (default is 7777 for administration website). Therefore, **there is no need to reconfigure machines already monitored by ServerGenius!**

Summary

- [Requirements](#)
 - [Open Certificate Manager](#)
 - [Import certificates](#)
 - [Find the certificate thumbprint](#)
 - [Register SSL certificate for ServerGenius](#)
 - [Configure ServerGenius SSL port](#)
 - [Restart ServerGenius](#)
-

Requirements

- Please make sure you have administrator privileges on the server where ServerGenius is installed.
- Enabling SSL support for ServerGenius requires a valid certificate, with the following details:
 - The certificate's **Issued To** or **Alternate Subject Name** should specify the ServerGenius website's domain name (i.e. servergenius.mycompany.com) or the server name (i.e.

COMP-SRVR01)

- The certificate's purpose should be **Server authentication**
- The certificate must contain the **private key**

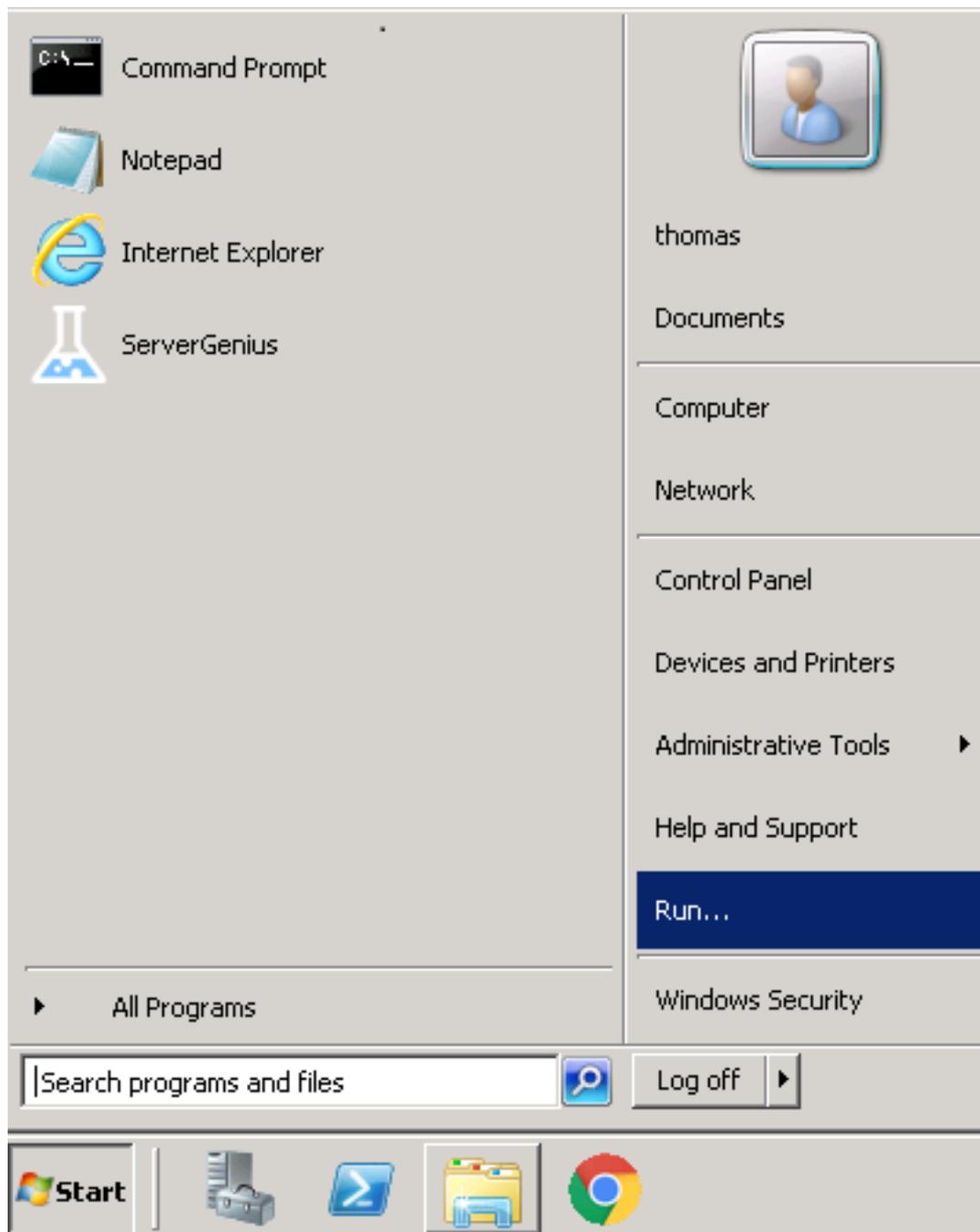
•

If the certificate is not validated by a trusted certificate authority (CA) already installed in ServerGenius server, then the CA certificate is also required. Usually, the CA certificate is required when the certificate is a self generated certificate.

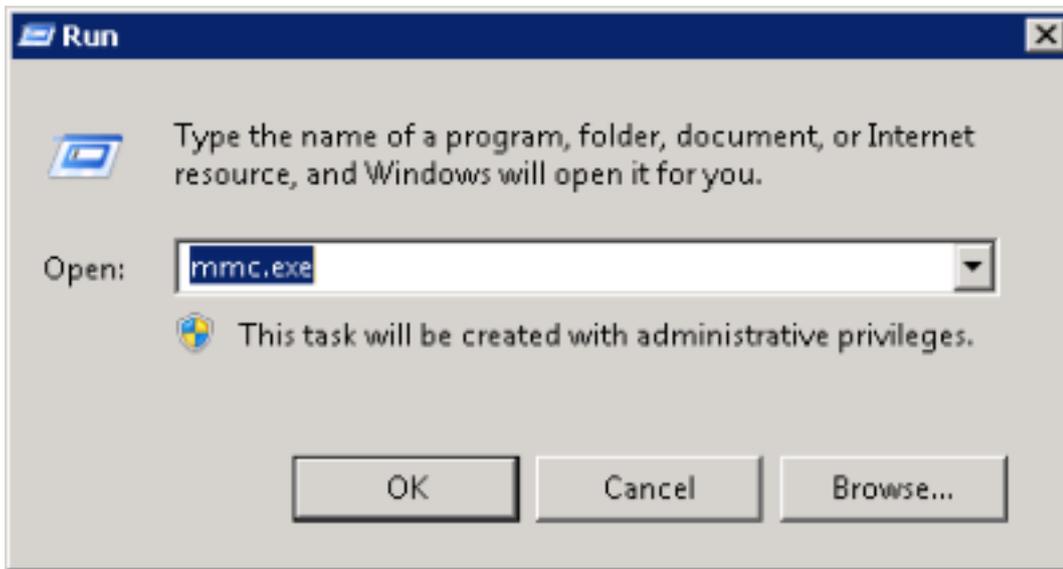
•

The password for the private key of the certificate and the CA certificate, if applicable, are required for the following steps.

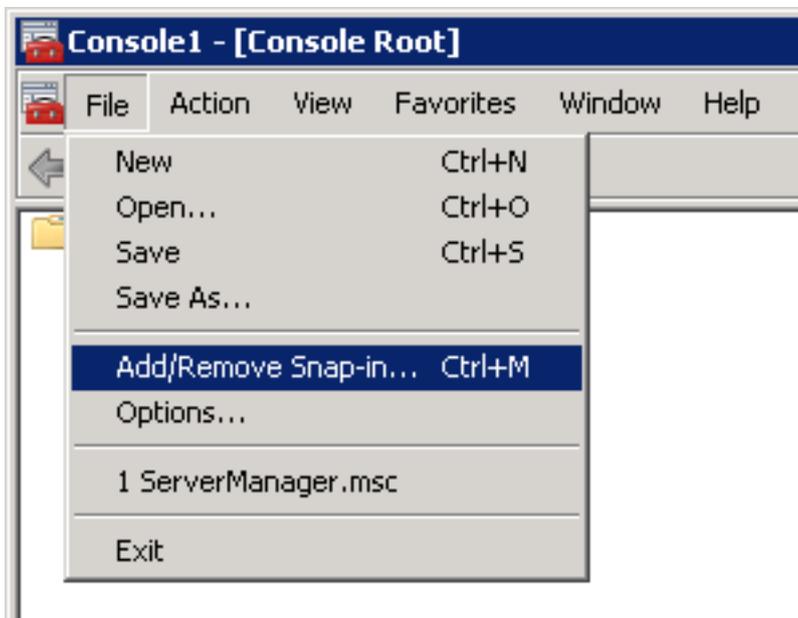
Open Certificate Manager



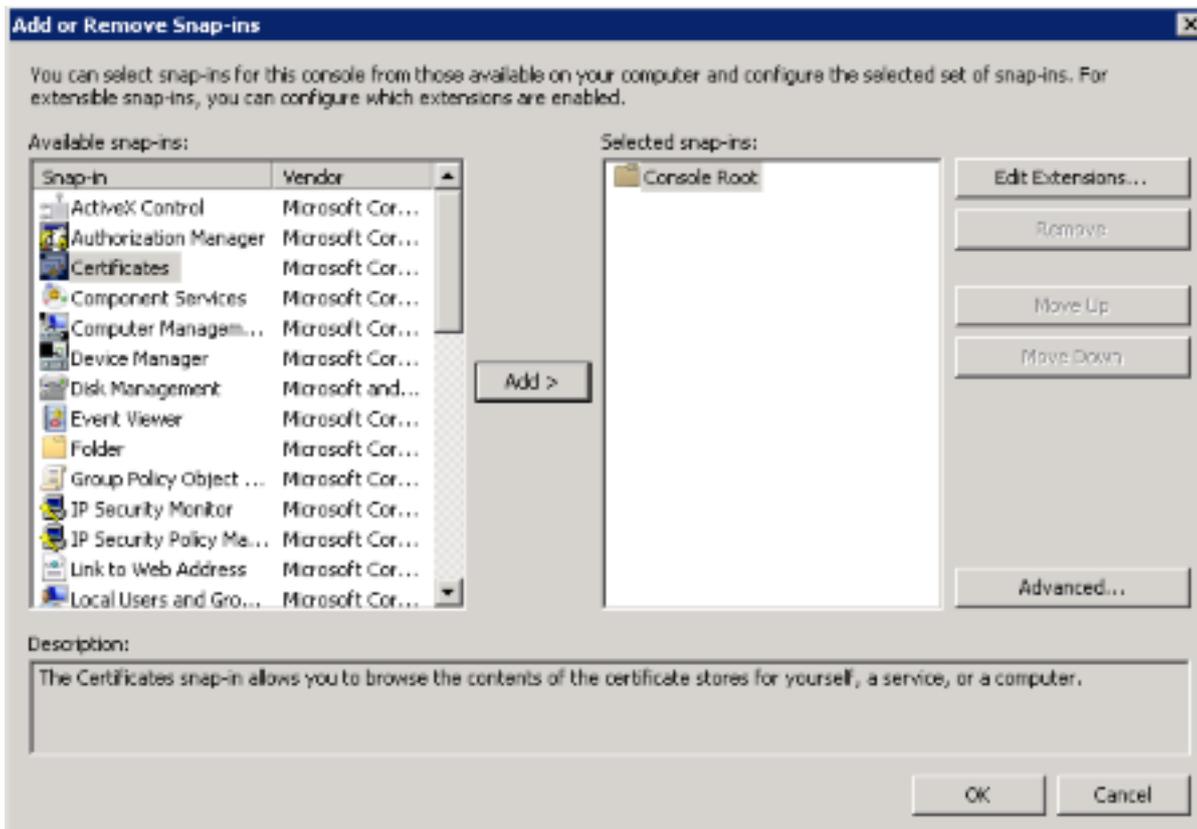
Log in as a local administrator on the server where ServerGenius is installed. Then, from the Windows task bar, click on **Start**. Then, click on **Run....**



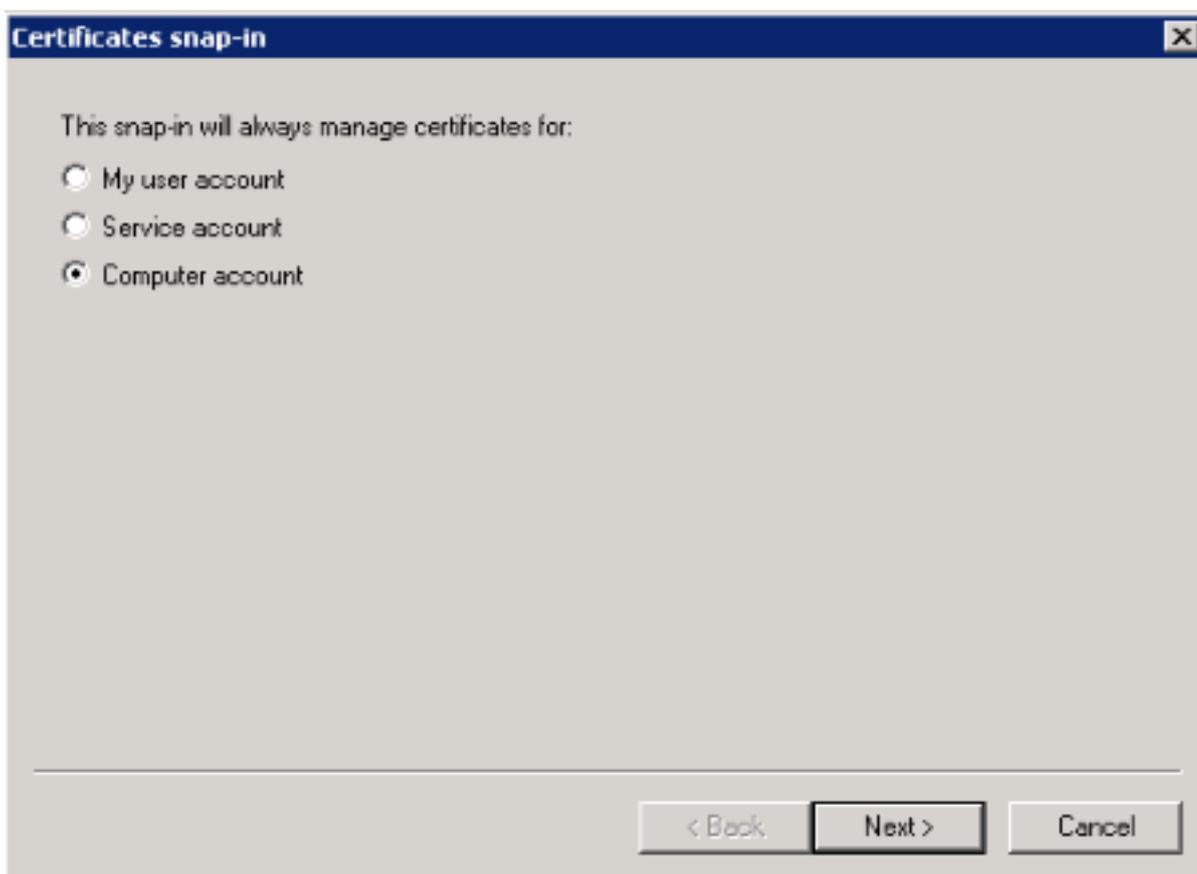
A window opens and prompts for a program executable name. Type **mmc.exe** and click **OK**.



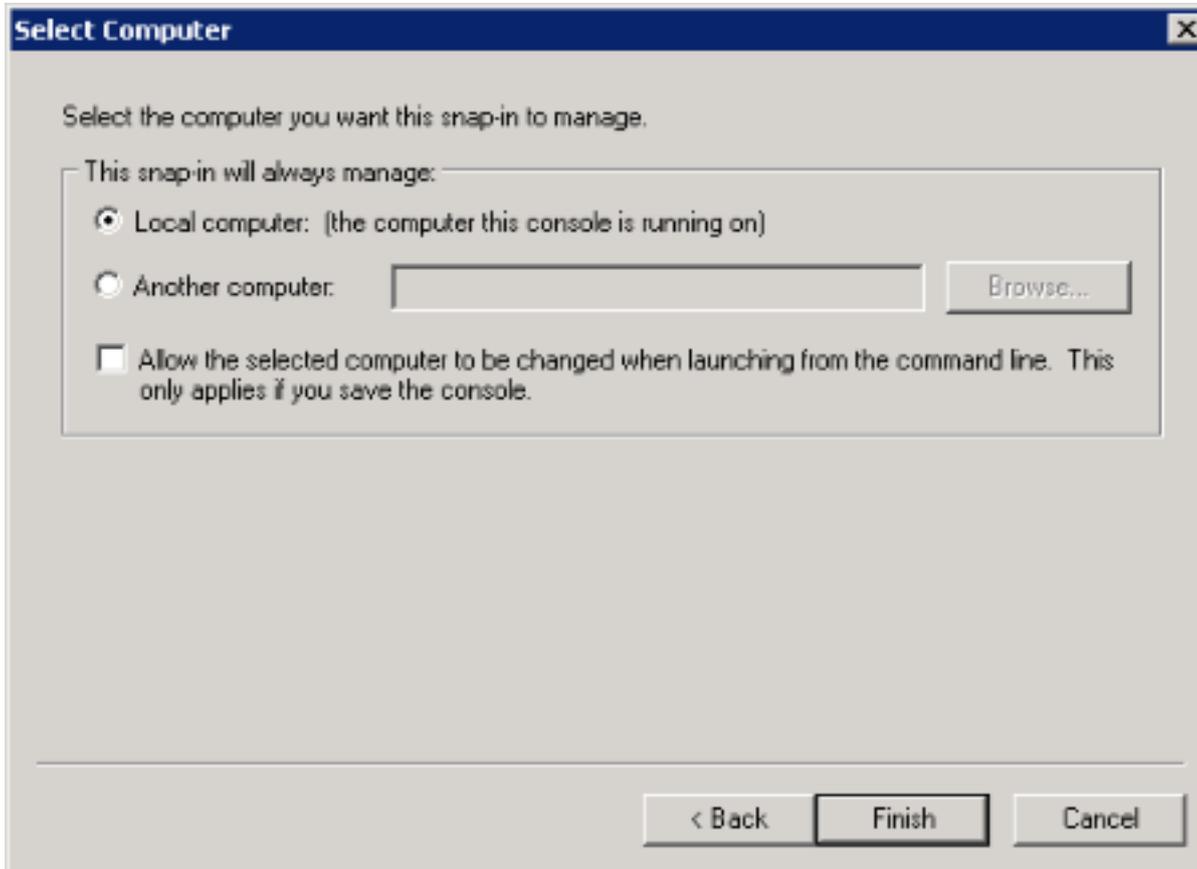
The Microsoft Management Console (MMC) opens. Click on **File** and then click on **Add/Remove Snap-in** to choose the feature to manage.



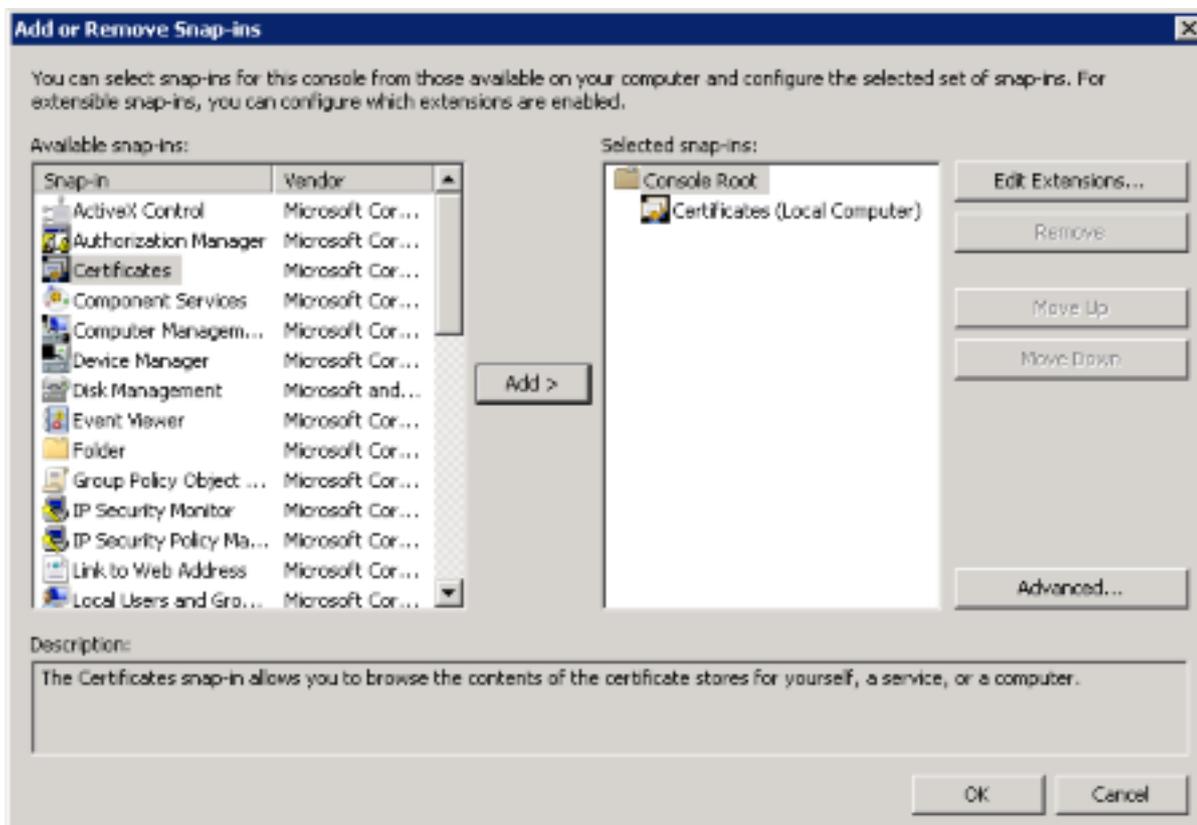
In the list of Snap-in, choose **Certificates** and then click on **Add**. The snap-in is added to the **Selected snaps-ins** column. Then, click **OK**.



In the dialog that appears, select **Computer Account**, then click **Next**.

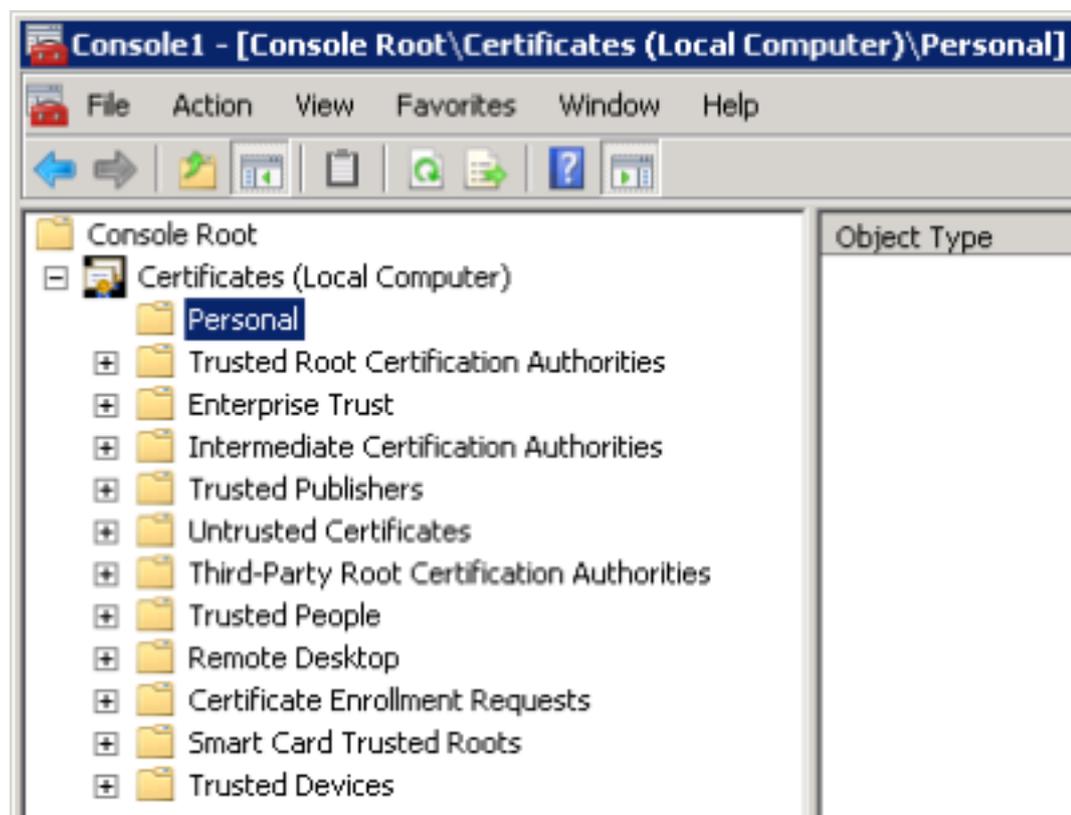


Choose **Local Computer** and **click Finish**.

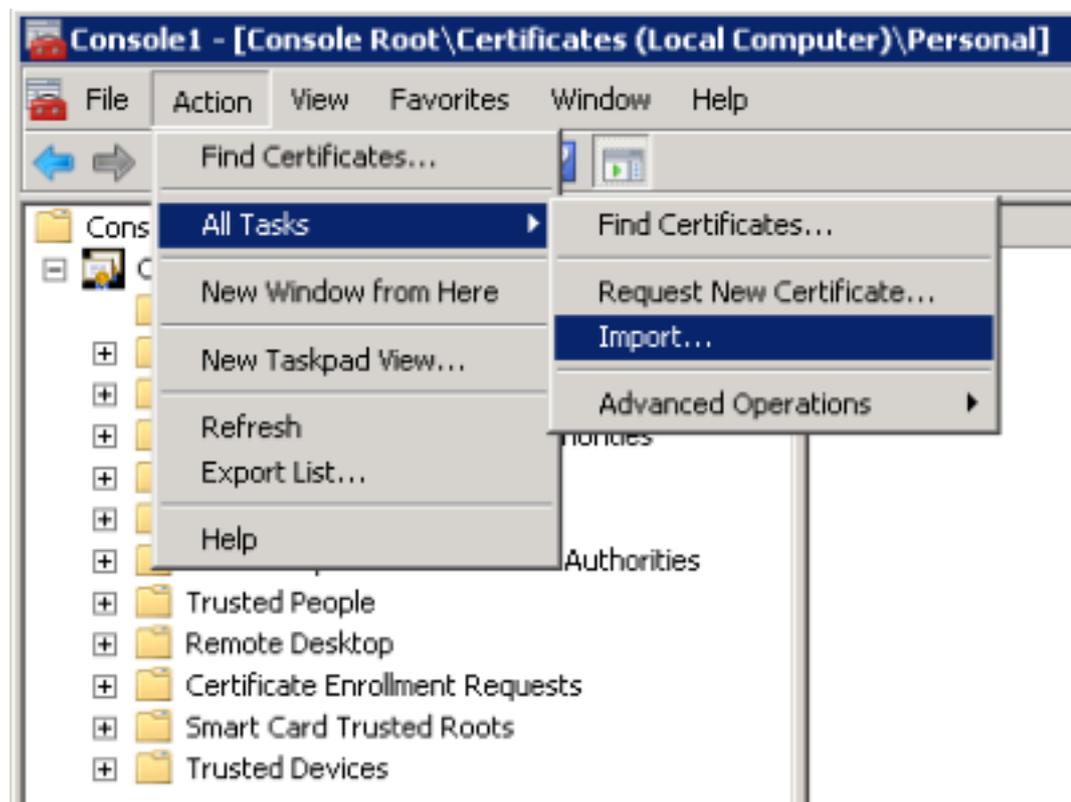


Click **OK** to proceed with importing the certificates.

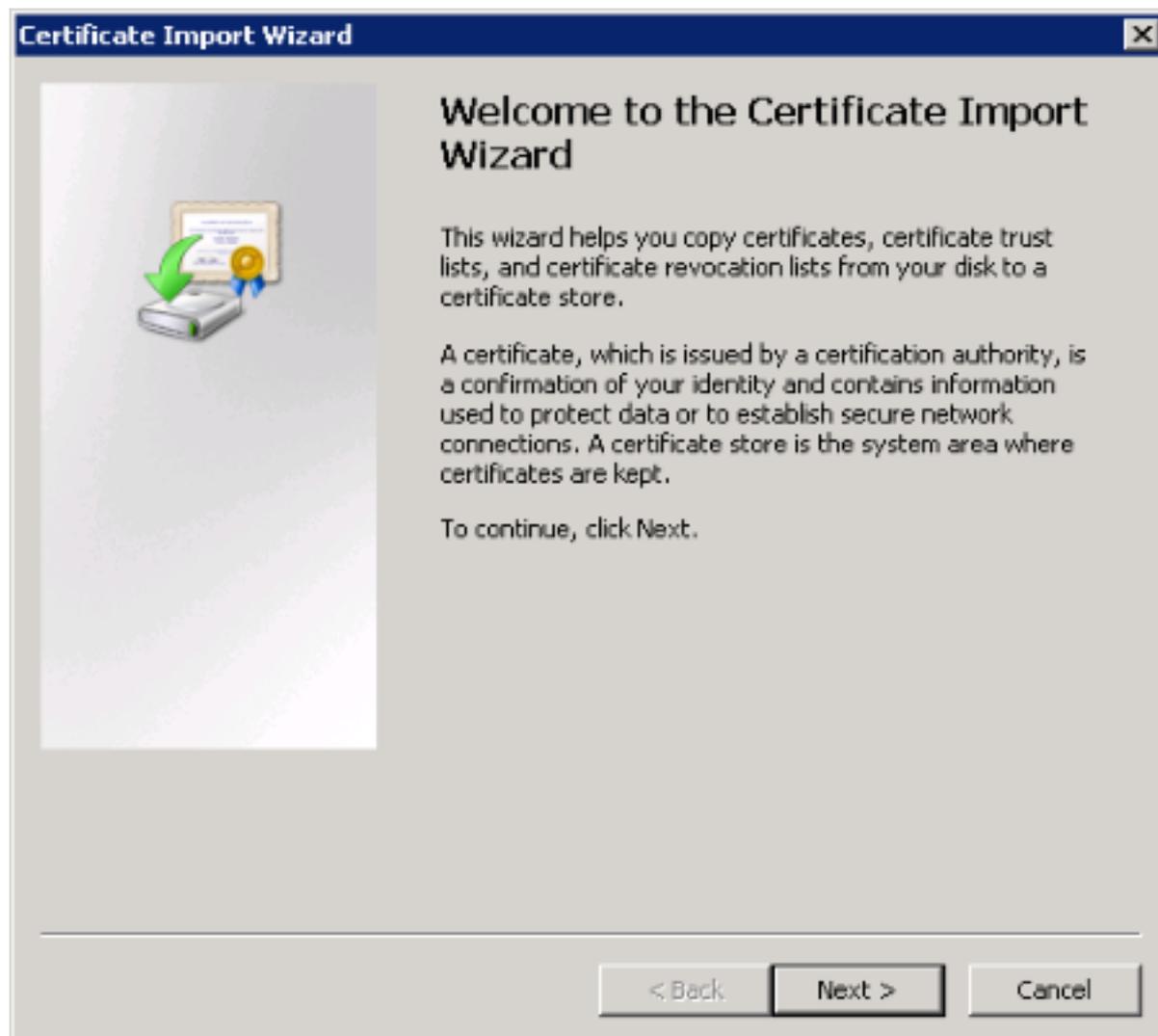
Import certificates



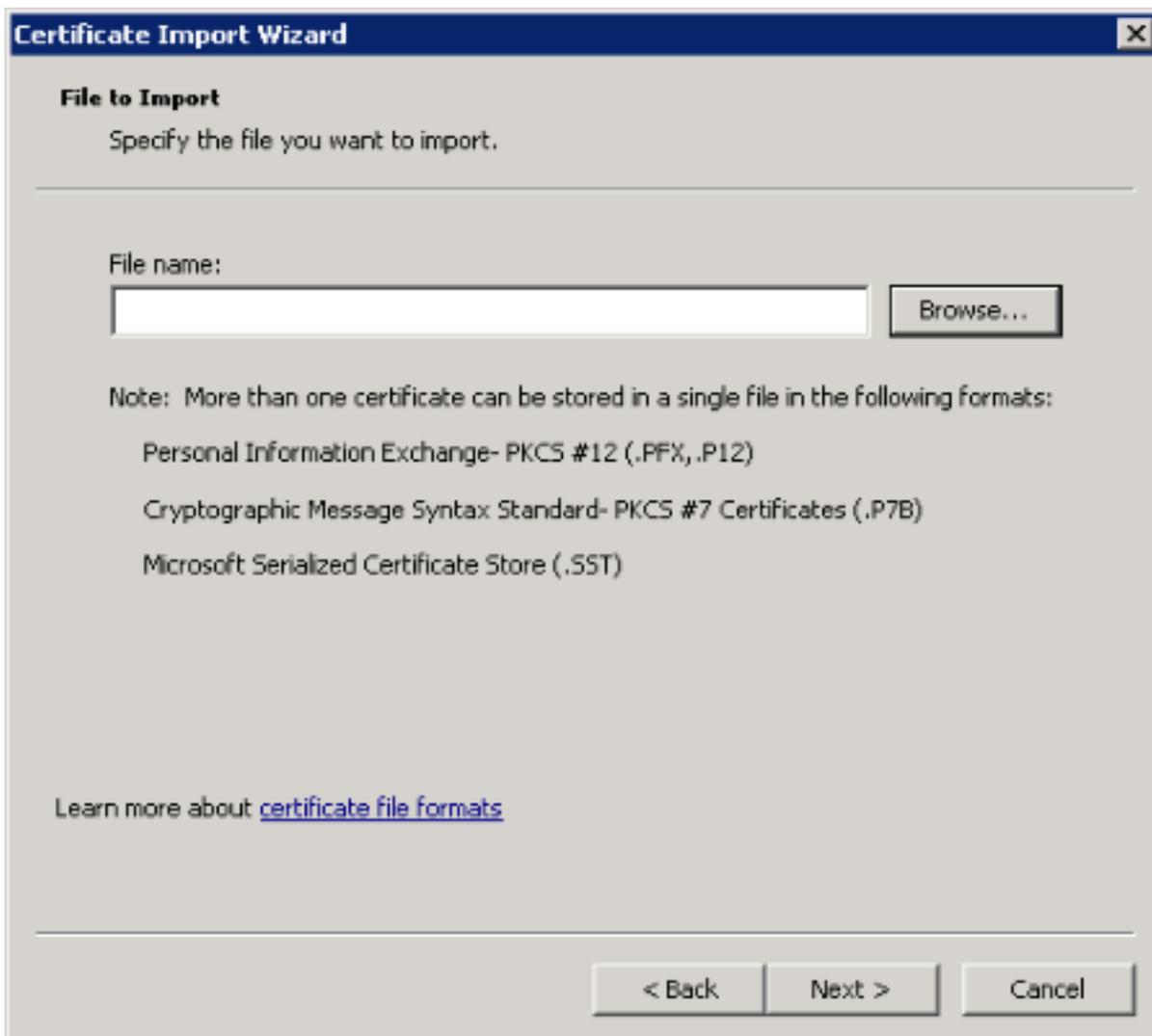
In the MMC window opened in the previous section, drill down to **Certificates (Local Computer)** and **Personal**.



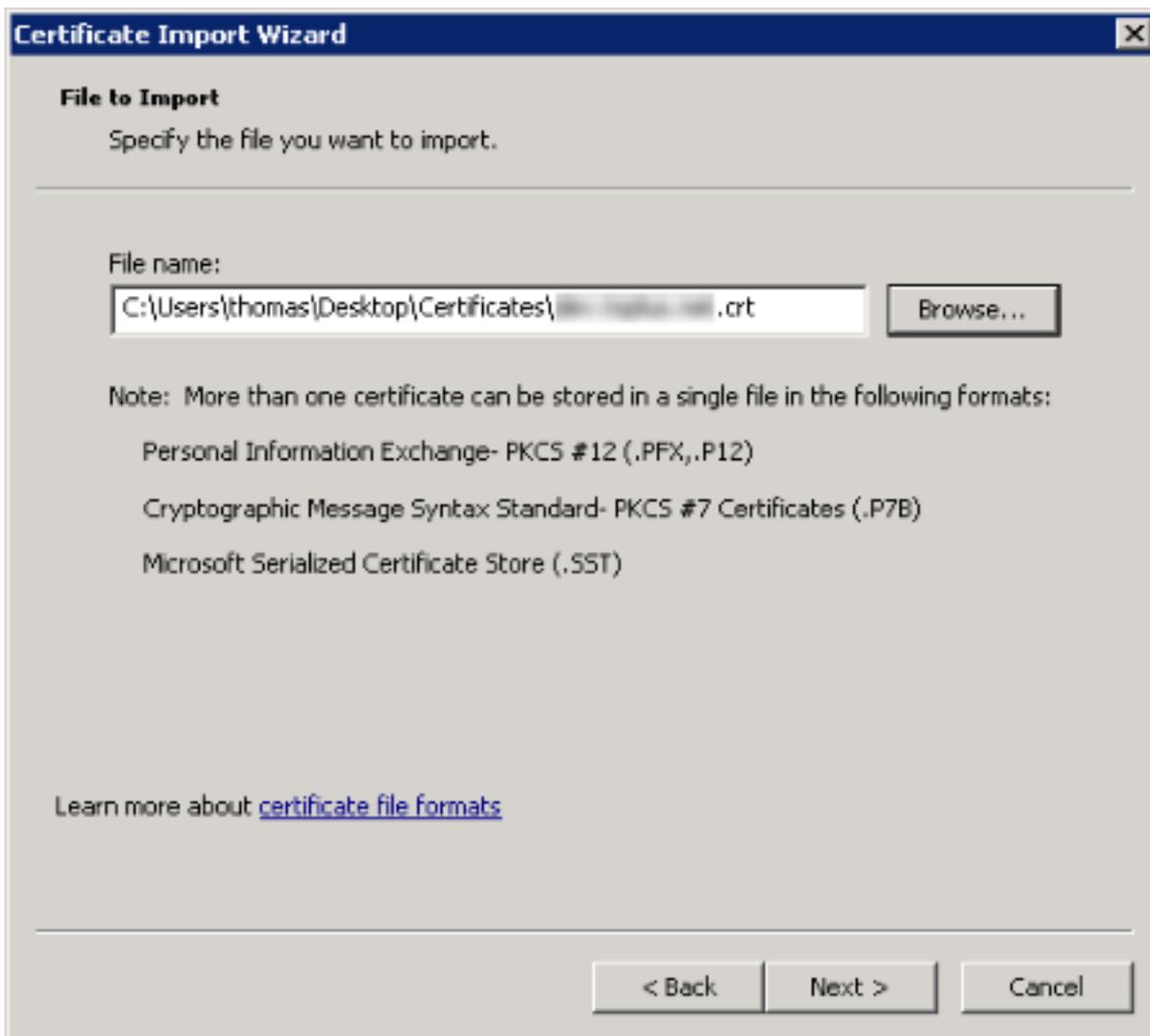
From the **Action** menu on the command bar, select **All Tasks** and then click on **Import...**



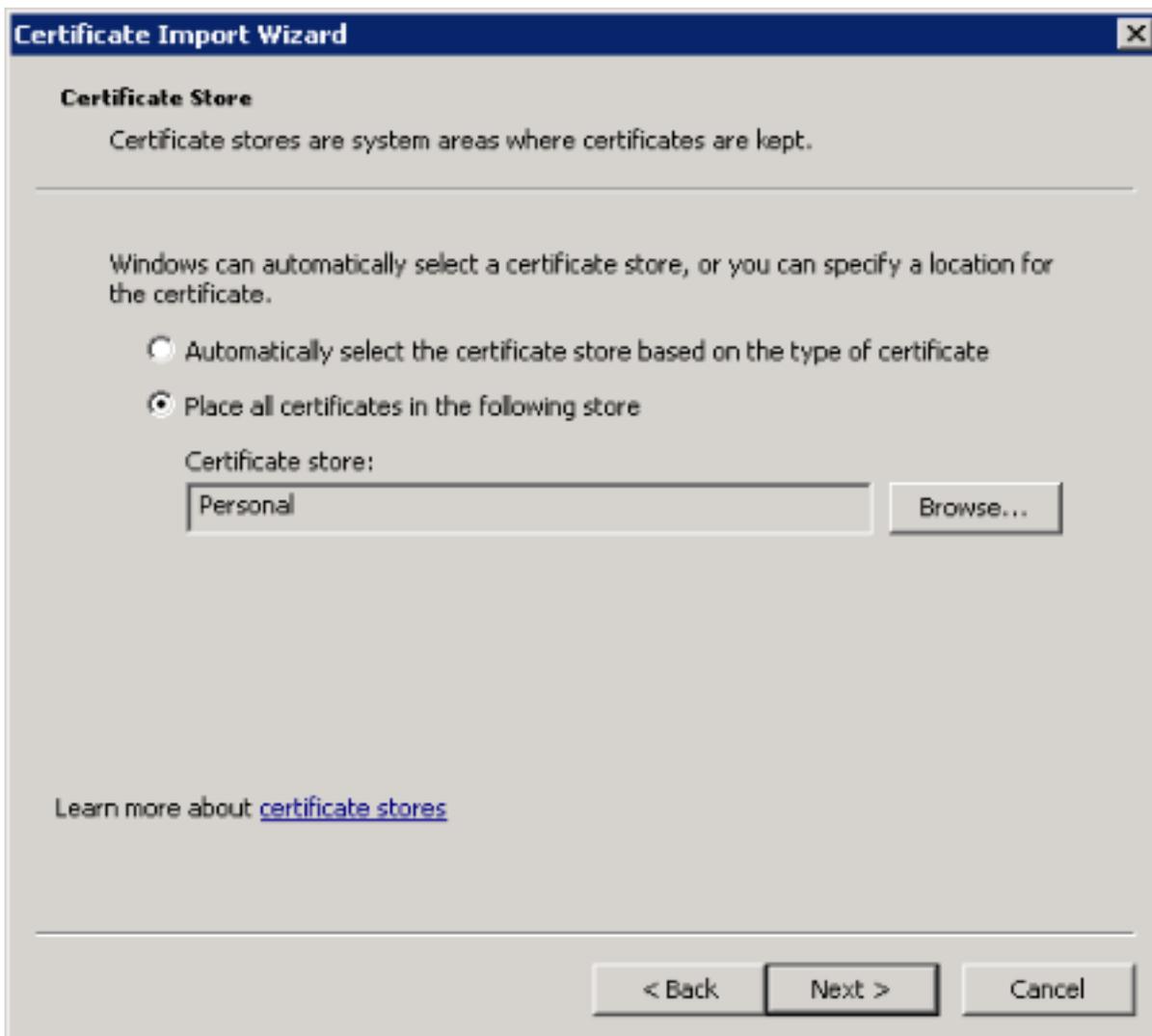
The Certificate Import Wizard opens. Click **Next** to continue.



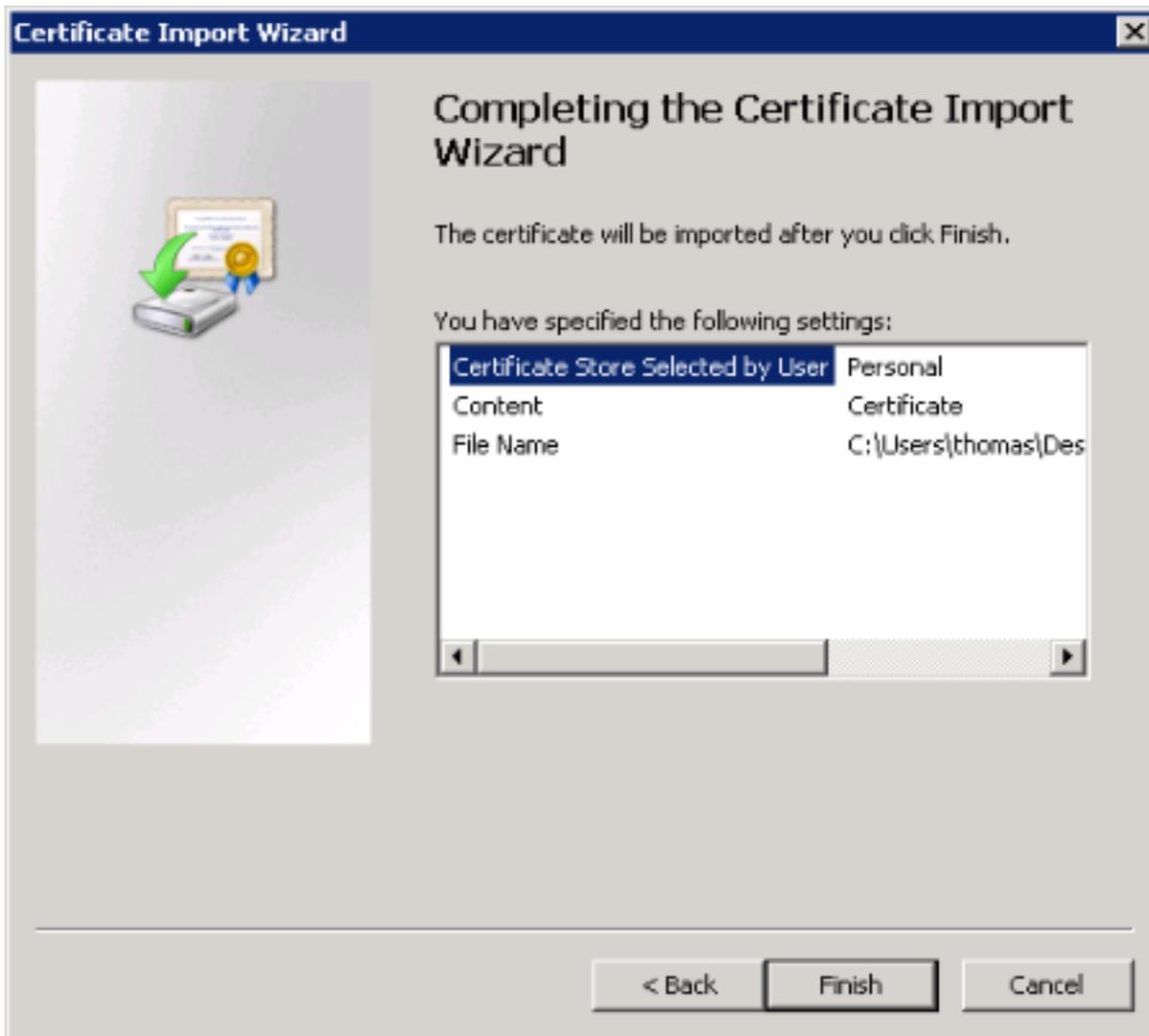
In this step, Click on **Browse** to find the certificate. Then, click **Next** to continue and import the selected certificate. On the next screen, enter the password you chose for the certificate.



Click **Next** to continue.



Choose **Place all certificates in the following store**. Verify that the selected certificate store is **Personal**, then click **Next**.



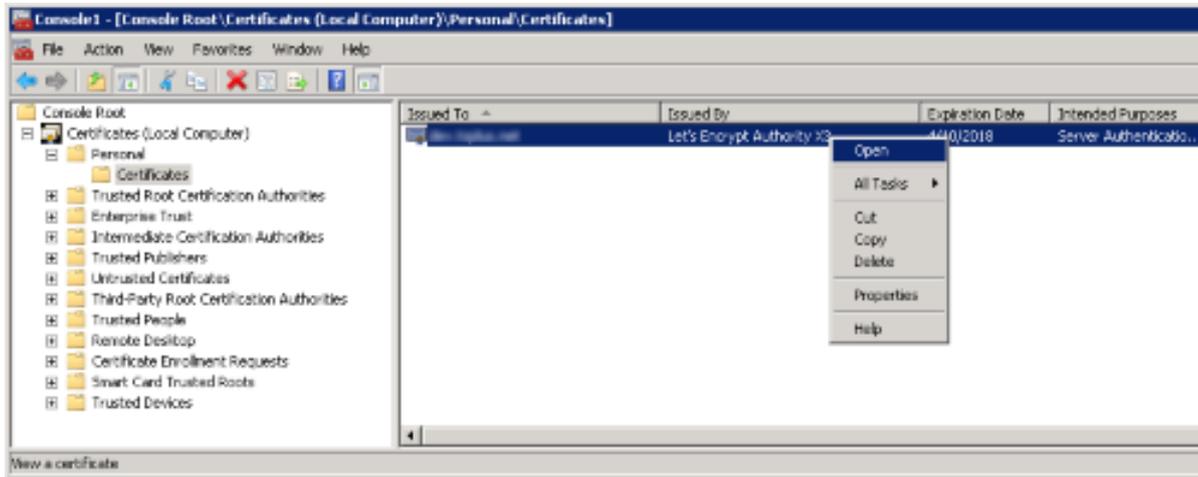
Click **Finish** to import the certificate.



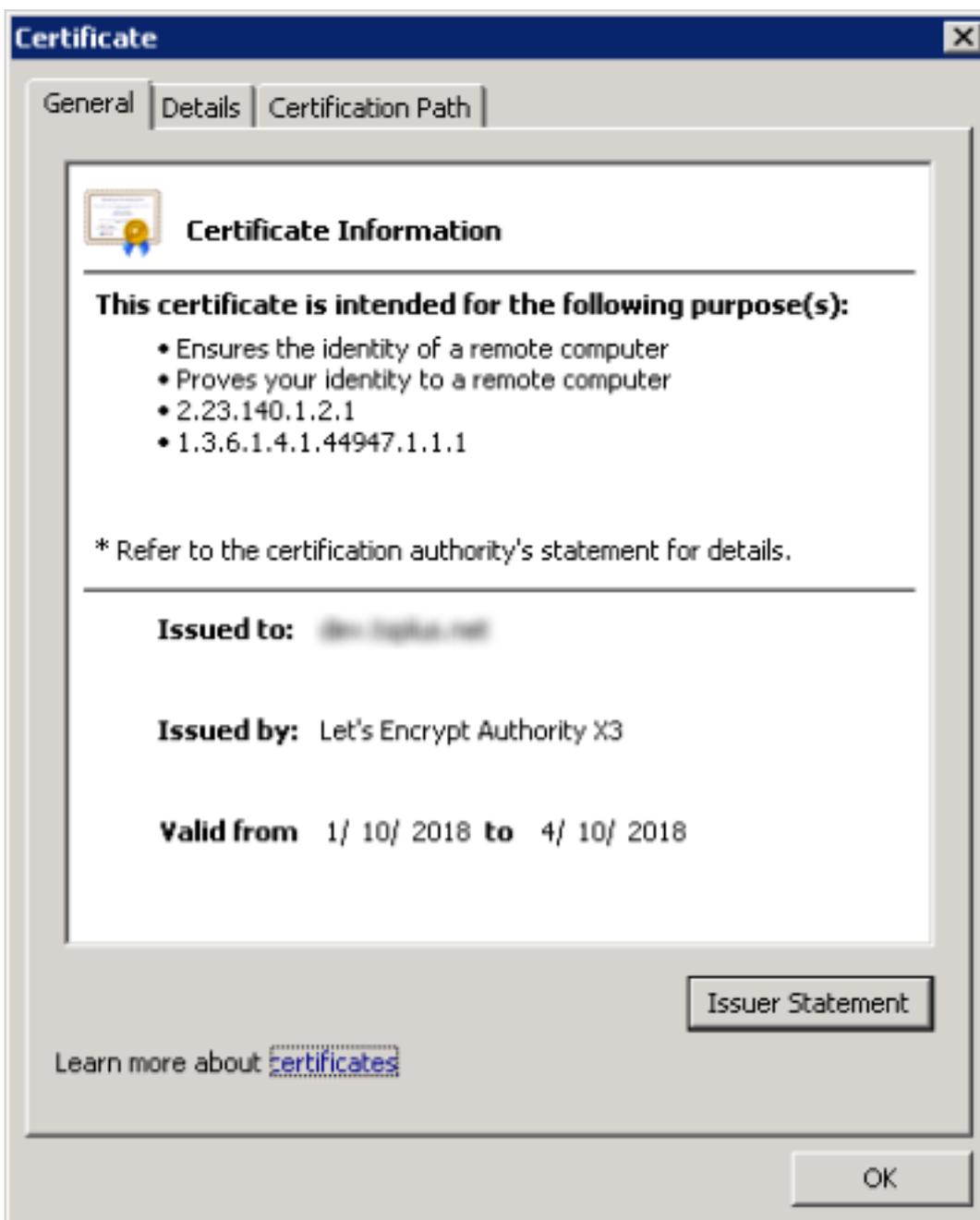
Note:

If you need to import a CA authority certificate, repeat the import procedure above for the CA certificate.

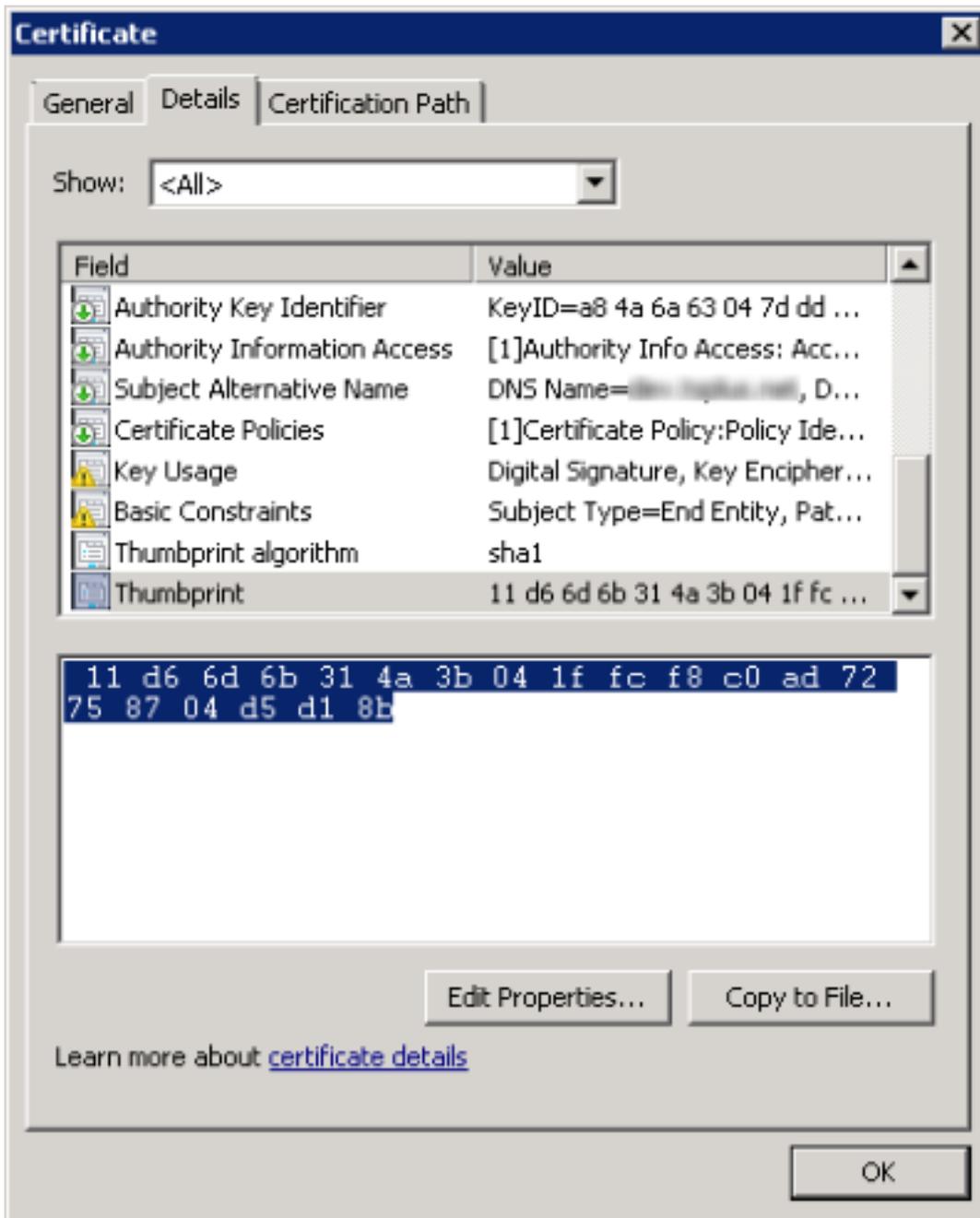
Find the certificate thumbprint



From MMC, right-click on the certificate and click **Open**.



The certificate's details are displayed. Click on **Details** tab to display the certificate's properties.

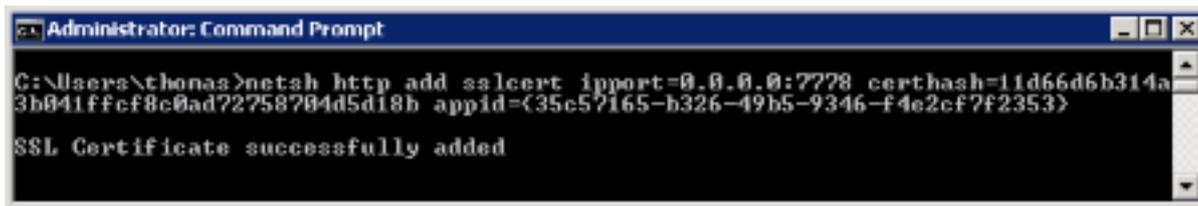


Copy the value of the **Thumbprint** property for the next steps.

Register SSL certificate for ServerGenius

From the administrative command line, type the following to set up the SSL binding to ServerGenius, and specify the appropriate port:

```
netsh http add sslcert ipport=0.0.0.0:7778  
certhash=□ □ 11d66d6b314a3b041ffc8c0ad72758704d5d18b id={35c57165-  
b326-49b5-9346-f4e2cf7f2353}
```



```
Administrator: Command Prompt
C:\Users\thomas>netsh http add sslcert ipport=0.0.0.0:7778 certhash=11d66d6b314a3b041ffcf8c0ad72758704d5d18b appid={35c57165-b326-49b5-9346-f4e2cf7f2353}
SSL Certificate successfully added
```

The above command line takes the following parameters:

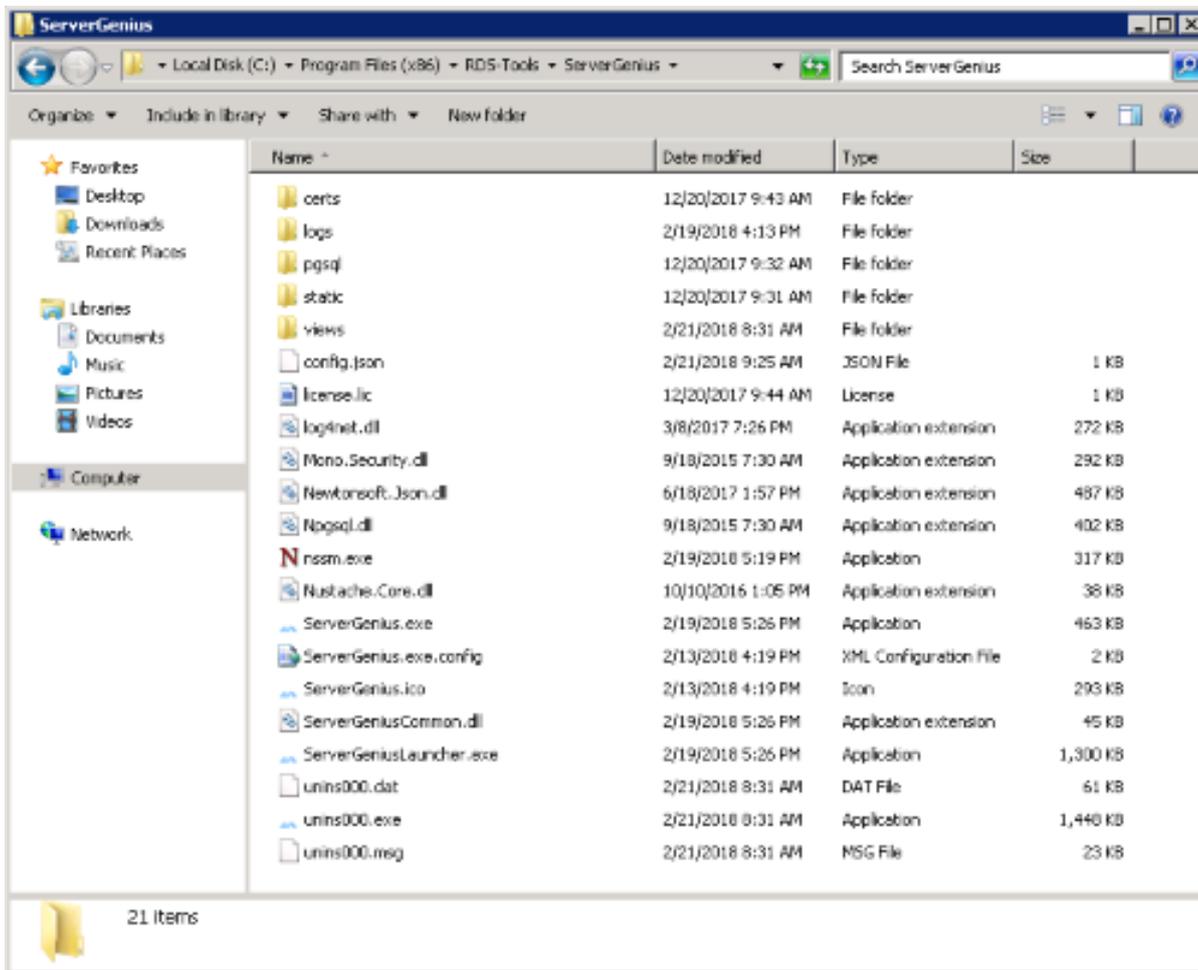
- **ipport** defines the IP address and port which should be configured for ServerGenius. By default, we suggest to use port 7778.
- **certhash** identifies the certificate by its thumbprint, found in the previous section.
- **appid** specifies the application ID. ServerGenius application ID is 35c57165-b326-49b5-9346-f4e2cf7f2353.

For Windows XP and earlier:

If your ServerGenius server is running under Windows XP or an earlier Windows release, the command **netsh** won't be available. use the **httpcfg** command instead as below:

```
httpcfg set ssl /i 0.0.0.0:7778 /h 11d66d6b314a3b041ffcf8c0ad72758704d5d18b /g "{35c57165-b326-49b5-9346-f4e2cf7f2353}"
```

Configure ServerGenius SSL port



Open Windows **File explorer** and navigate to ServerGenius setup directory. By default, the ServerGenius setup path is the following:

C:\Program Files (x86)\RDS-Tools\ServerGenius

Then, open the file **config.json** and specify the SSL port (e.g. 7778) as the value of the **SslPort** property.

```
1  {
2      "Port":7777,
3      "SslPort":7778,
4      "Key":"VzHDqOIeKJge1YBQqdvxrv05pLX09GGD",
5      "AdminUsername":"admin",
6      "AdminPassword":"admin",
7      "SmtptUsername":"","
8      "SmtptPassword":"","
9      "SmtptHost":"localhost",
10     "SmtptPort":25,
11     "EmailSender":"reporting@localhost"
12 }
```

Note: in order to disable SSL for ServerGenius, rollback the changes by setting the **SslPort** property's value to **0** and then restart ServerGenius.

Restart ServerGenius

From the administrative command line, type the following to restart ServerGenius service:

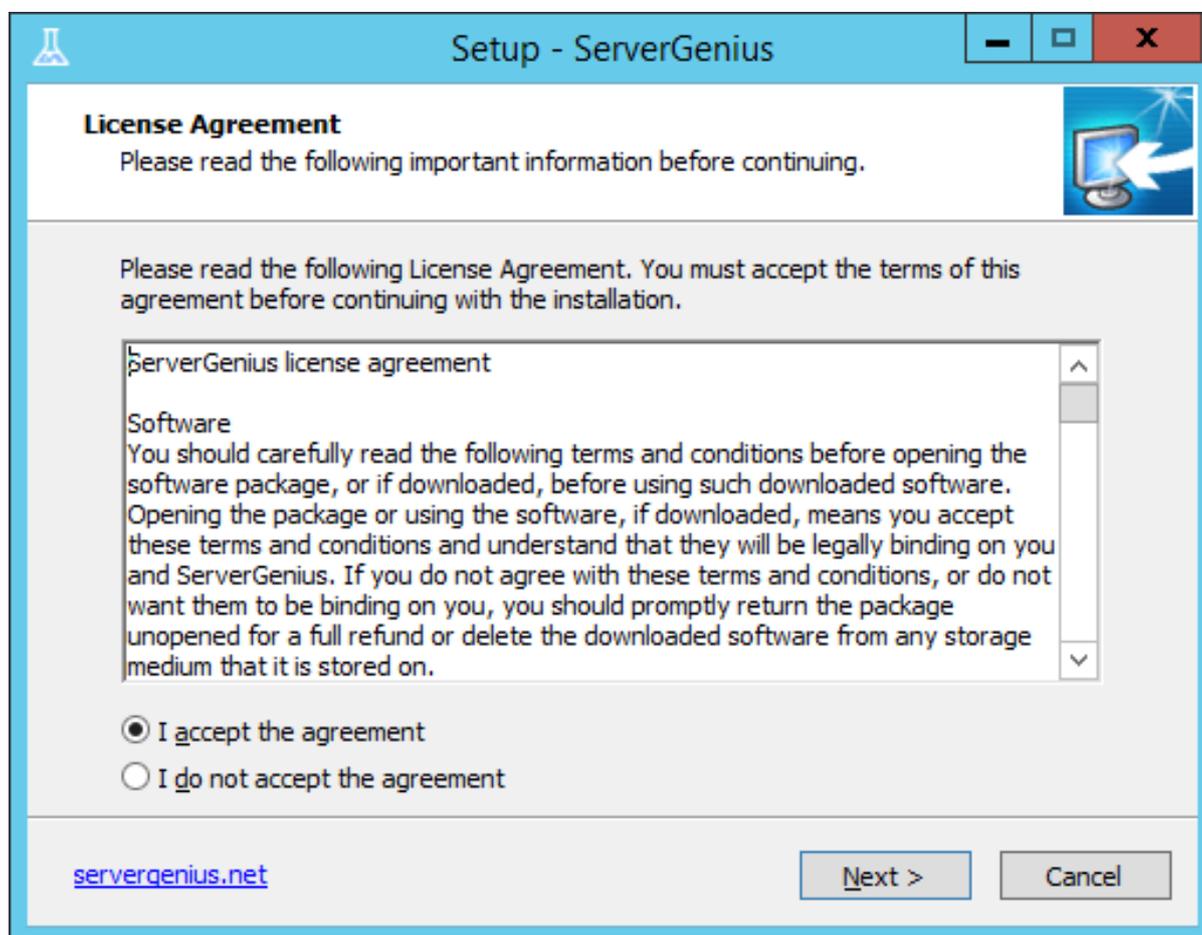
```
net stop ServerGenius && net start ServerGenius
```

ServerGenius is now configured to use SSL (HTTPS).

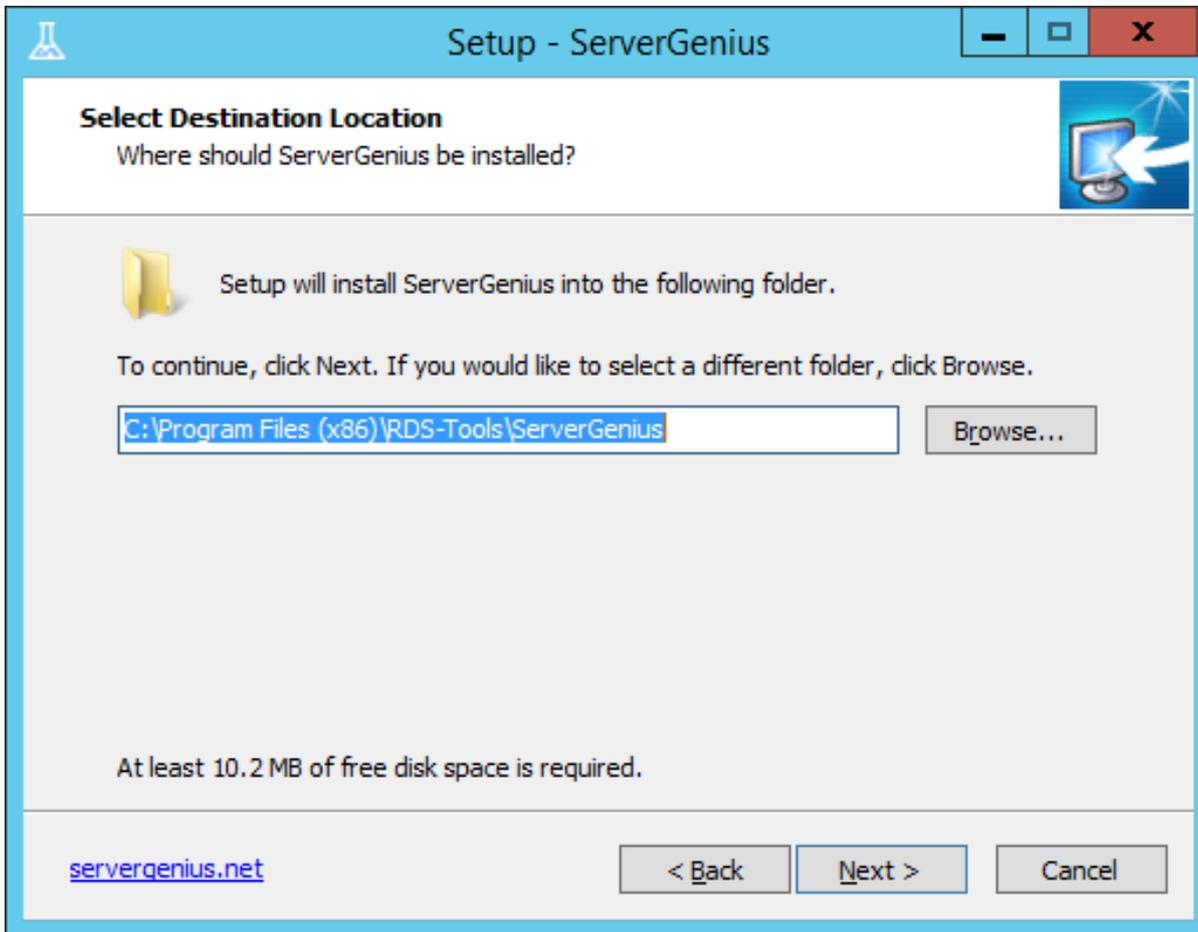
Updating ServerGenius

Run ServerGenius Update Release program (It is actually the Setup Program, available [here](#) and then **follow the installation steps**.

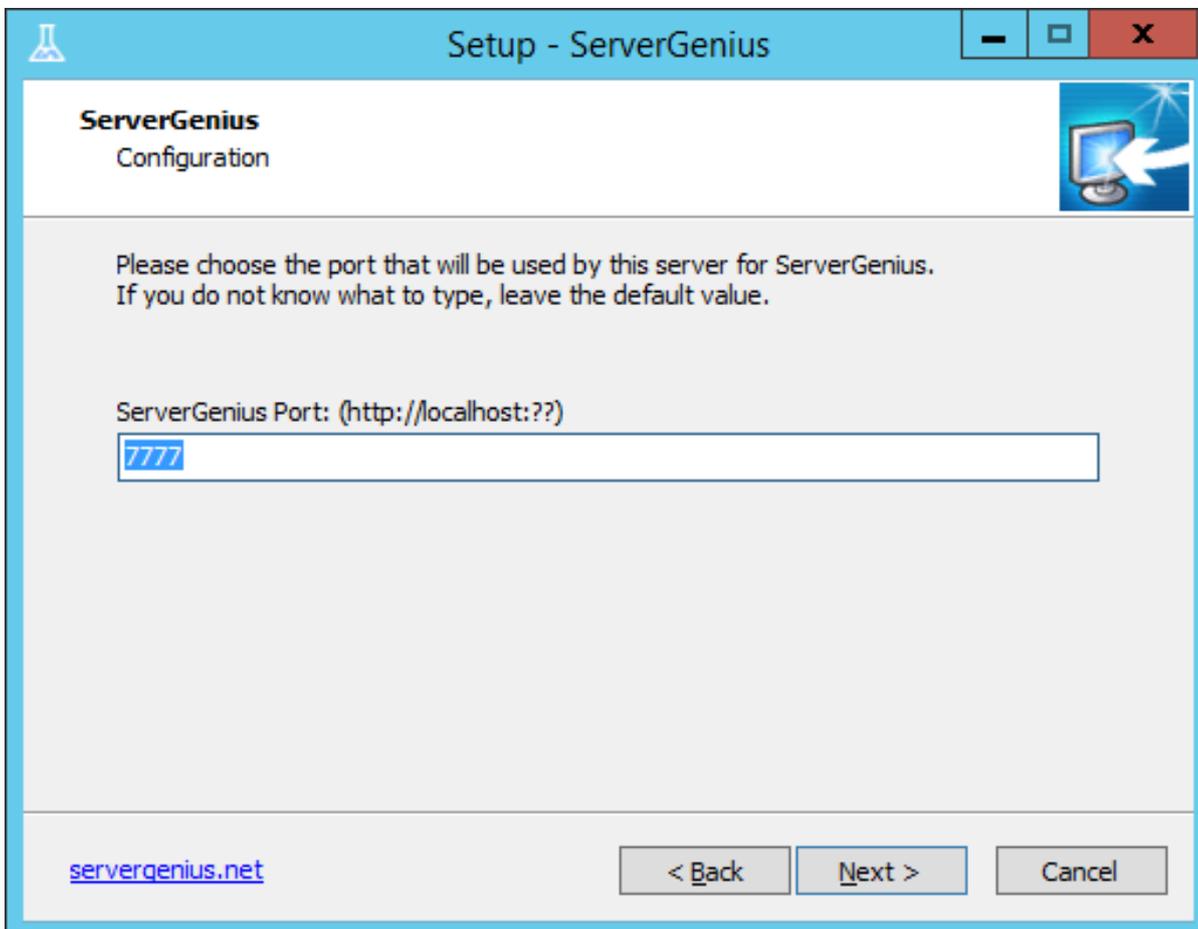
Please note that you must run this Update Release as an Administrator, but don't worry, Windows will automatically require it.



Click on "Next" if you agree to the license.



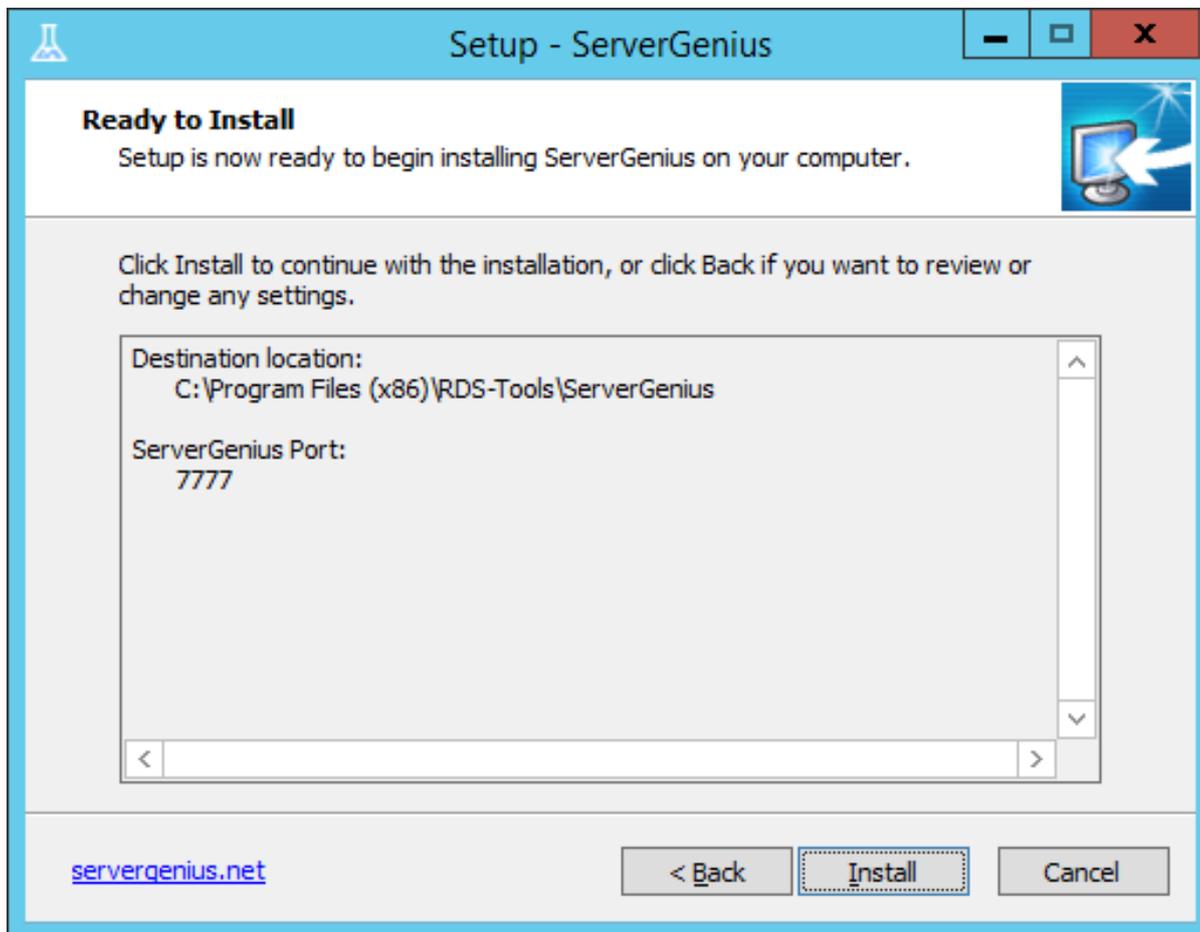
Choose the ServerGenius installation folder on your computer, then click on “Next”.



Choose the port on which ServerGenius will publish its web interface.

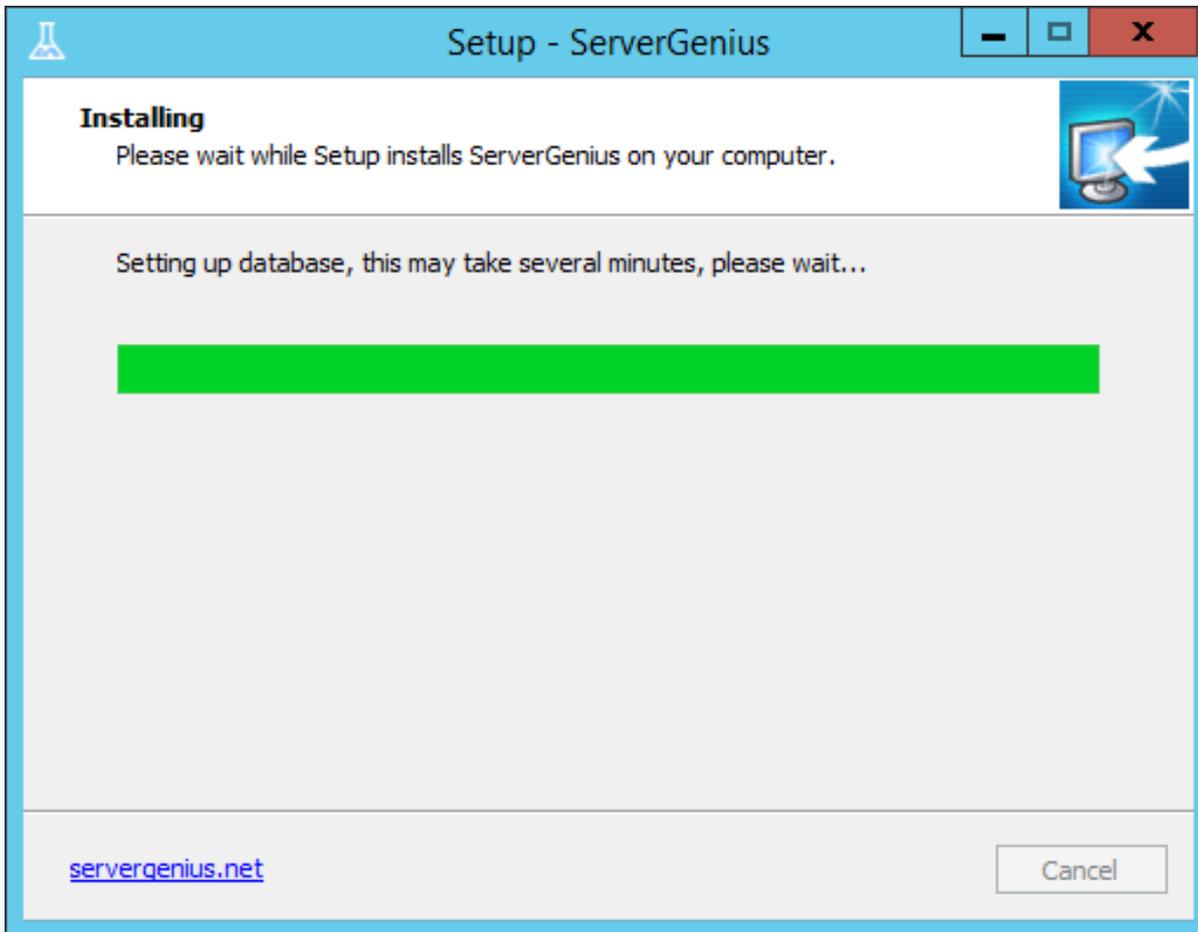
This is the network port on which you will browse to see ServerGenius reports, alerts, administration panel, etc.

If you do not know what to enter, we recommend you to use the default port. You can change it after the installation if you need to.



The Setup is now ready to install ServerGenius on your computer.

Click on "Install" to start the actual installation.



A progress bar is displayed and allows you to follow the update progress.

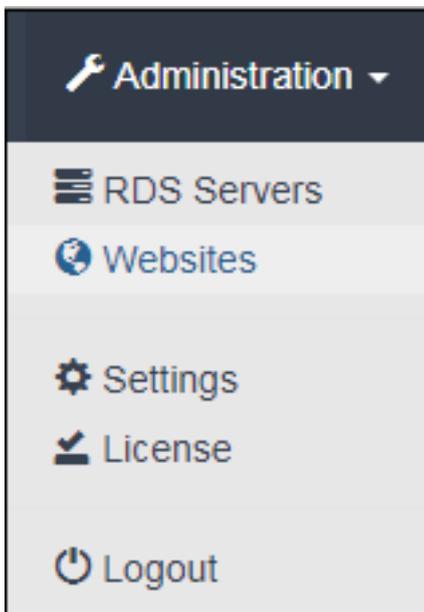


The update is now finished, and you can start using the latest version of ServerGenius.

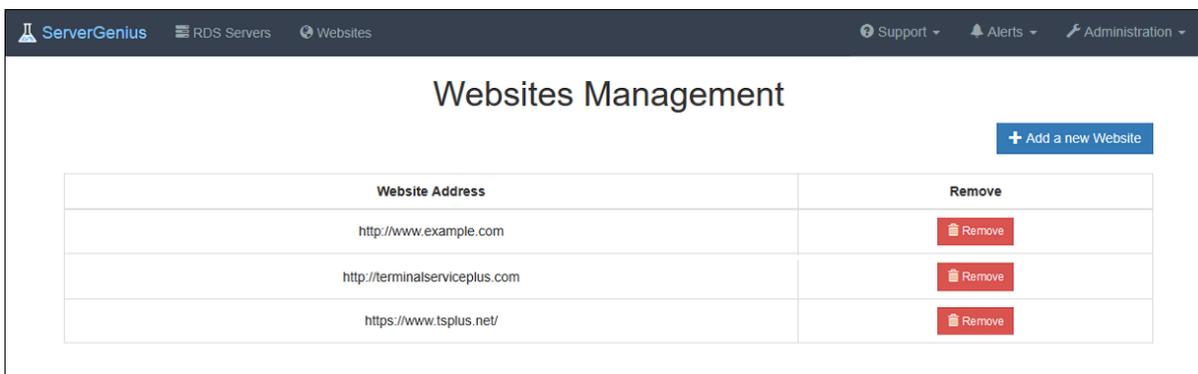
When it is required by the update, the Update Release program will ask you to reboot your computer to finish the update process.

Websites Management

The **Websites Management** page enables you to display the list of monitored websites, add a new website to monitor and remove a website.



The **Websites Management** page can be found under the **Administration tab > Websites** of Server Genius:



Add a new website by clicking on the **Add a new Website** button. Then, the **New Website** page is displayed and invite you to specify the new website web address:

ServerGenius RDS Servers Websites Support Alerts Administration

New Website

Add a new Website

Website Address

Save

Please note that in case the protocol is not specified, “http://” will be prepended to the website address provided. For example, if the website address is www.example.com, then the website address monitored by ServerGenius will be <http://www.example.com>. Also, please enter two website addresses to monitor if your website is accessible through both “http” and “https”.

Your new website should be visible on the **Websites Management** page and on the **Dashboard**:

ServerGenius RDS Servers Websites Enable Auto Refresh Support Alerts Administration

Dashboard

| | | |
|---|---|--|
| My Application Server Processor: 8 % / RAM: 11 % Active RDS Sessions: 1 | TESTING Processor: 0 % / RAM: 7 % Active RDS Sessions: 0 | DEMO Processor: 0 % / RAM: 28 % Active RDS Sessions: 1 |
| http://www.example.com Response Time: 80 ms Result: OK (200) Activate predefined alerts | http://terminalserviceplus.com Response Time: 1831 ms Result: OK (200) | https://www.tsplus.net/ Response Time: 54 ms Result: OK (200) |

[Back To Top](#)