

# ServerGenius Documentation





# Quick Start

Just installed Server Genius? [Get Started!](#)

See [Server Genius Changelog](#).

## Exhaustive Documentation

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- [Network Utilization Report](#)

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# Get Started with ServerGenius

## Step 1: Installing ServerGenius on your computer

Installing ServerGenius is an easy process.

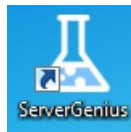
Just download it from [our web site](#), run the Setup-ServerGenius.exe and follow the steps detailed [here](#).

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:

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](#).



## ServerGenius - Documentation

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



# Pre-requisites

## Hardware Requirements

ServerGenius can work on any office computer.

Still, we suggest the following hardware configuration for an optimal experience:

	CPU	RAM	Free Disk Space
ServerGenius Server	1 GHz	1 GB	512 MB
ServerGenius Agent	1 GHz	100 MB	50 MB

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.

## Operating System

ServerGenius is compatible with the following OS:

- Windows 7
- Windows 8
- Windows 10
- Windows Server 2008 / 2008 R2
- Windows Server 2012 / 2012 R2
- Windows Server 2016
- Windows Server 2019

32 and 64 bits editions are supported.

## Network

Only 1 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.

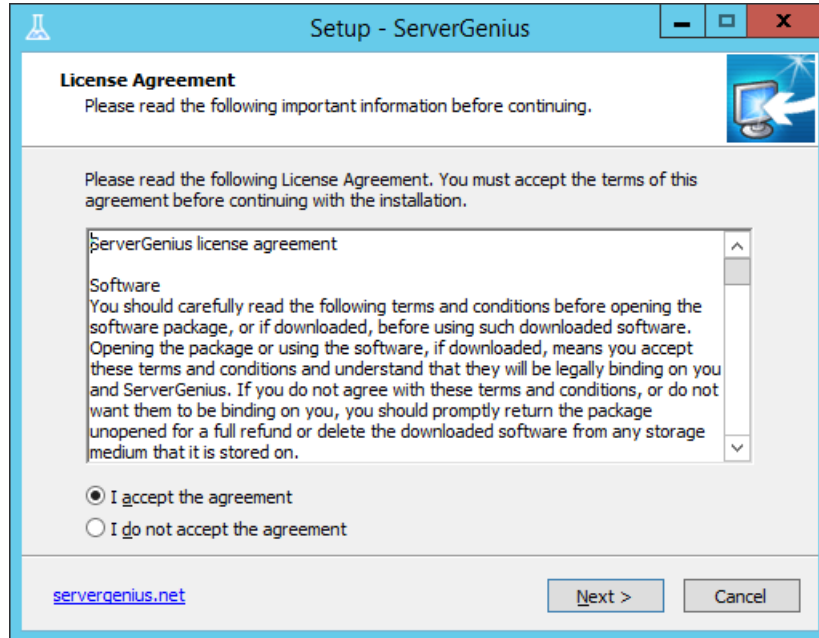
If you cannot connect to ServerGenius web interface on your server, please contact your Administrator first, as this is most probably a network or firewall issue, not a ServerGenius issue.



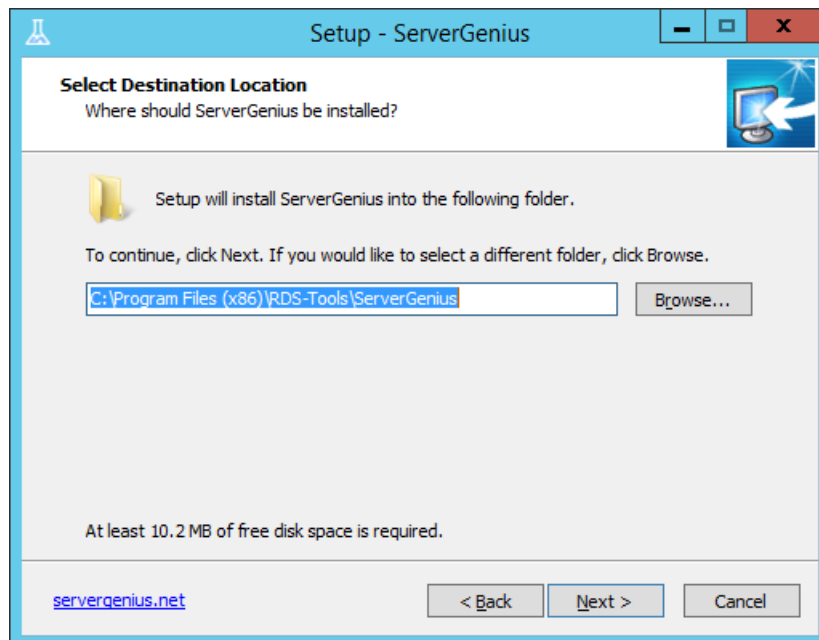
# Installation

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

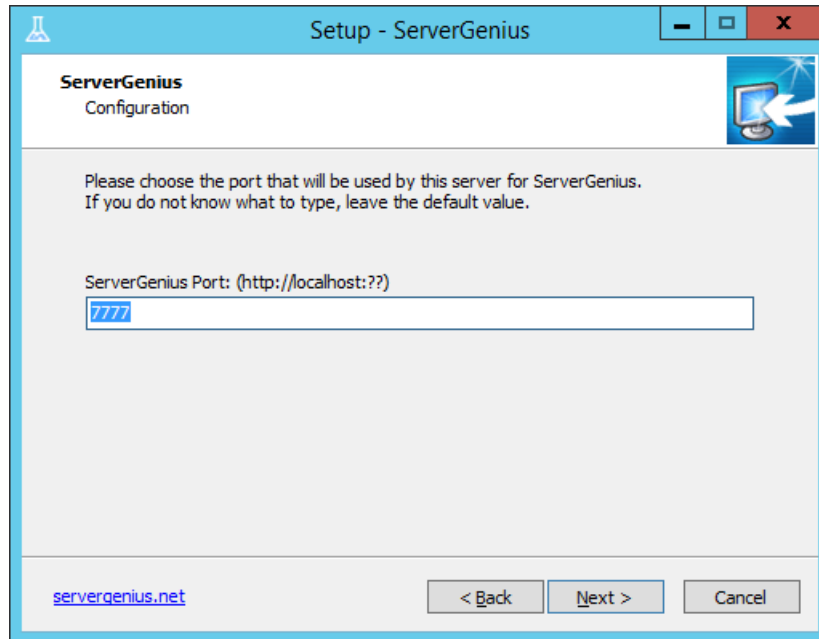
Please note that you must run this Setup as an Administrator, but don't worry, Windows will automatically require it.



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



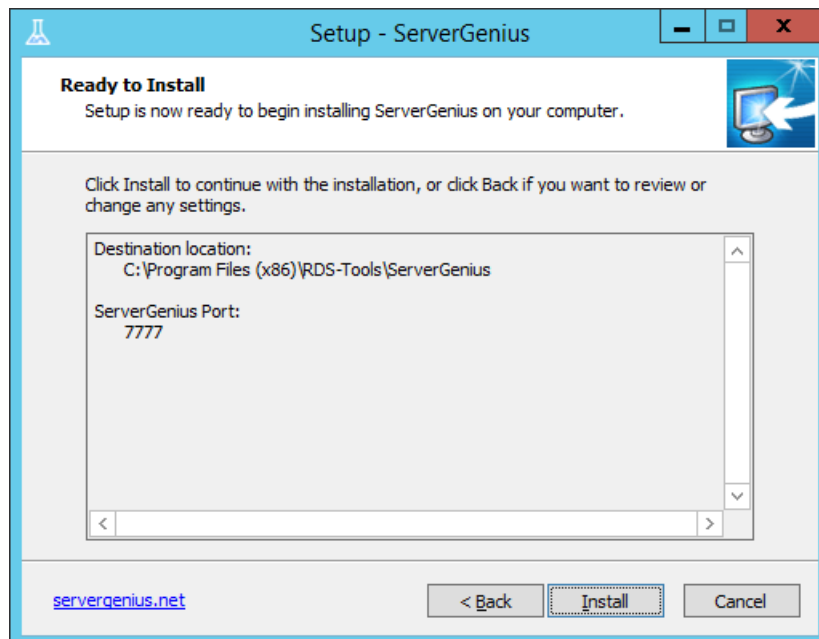
Choose where to install ServerGenius on your computer (we recommend to use the default path).



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

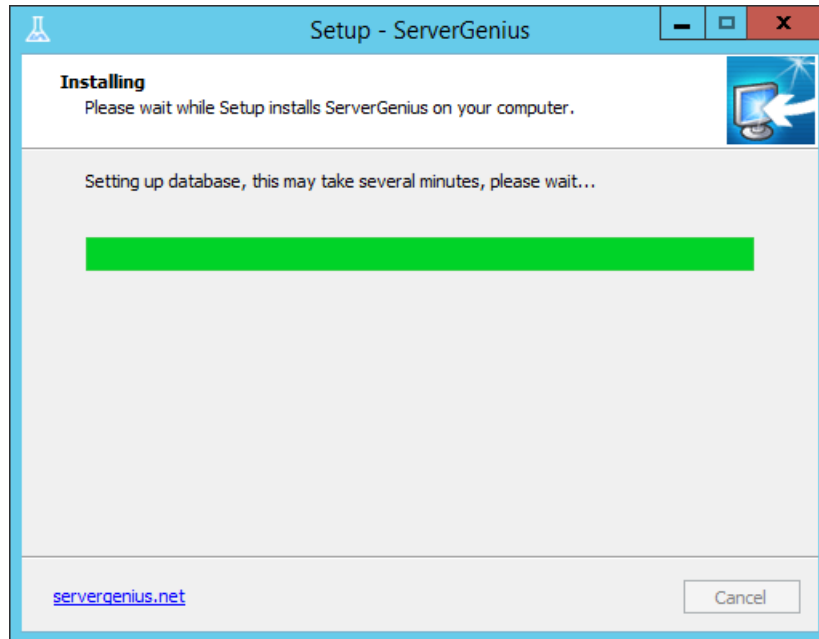
This is the network port on which you will browse to see ServerGenius reports, alerts, administration panel, etc.

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.



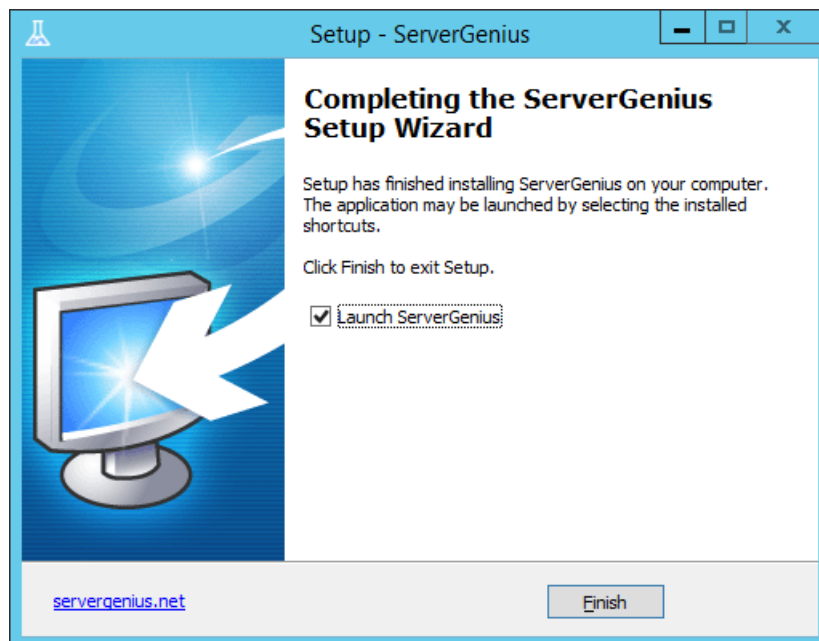
The Setup is now ready to install ServerGenius on your computer. Click on "Install" to start the actual installation.





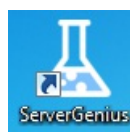
A progress bar is displayed and allows you to follow the installation progress.

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



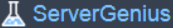
The installation is now finished and ServerGenius is already running in the background on your server.

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):



 [RDS Servers](#) [Websites](#) [Support](#)

# Login

Restricted access, please login

Username

Password

Login

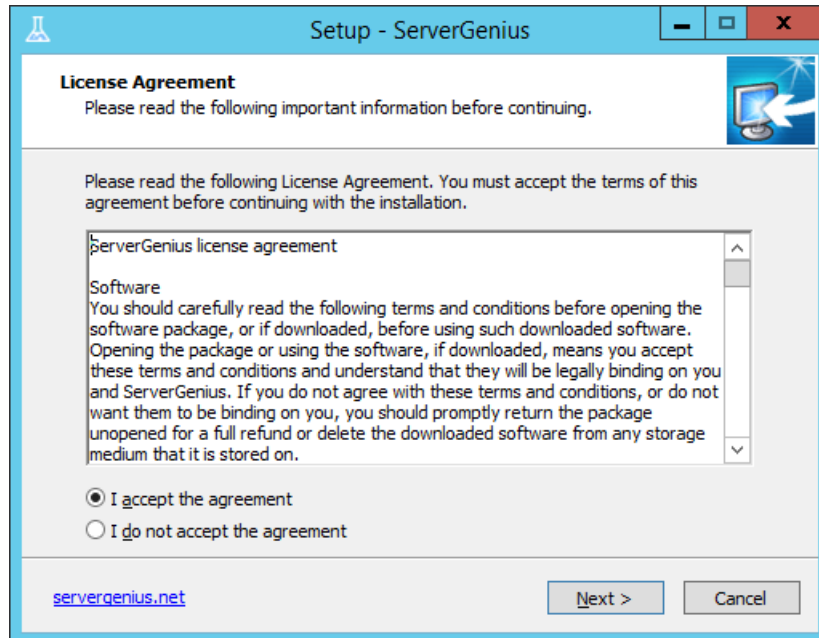
The free trial version is fully featured for 2 weeks.



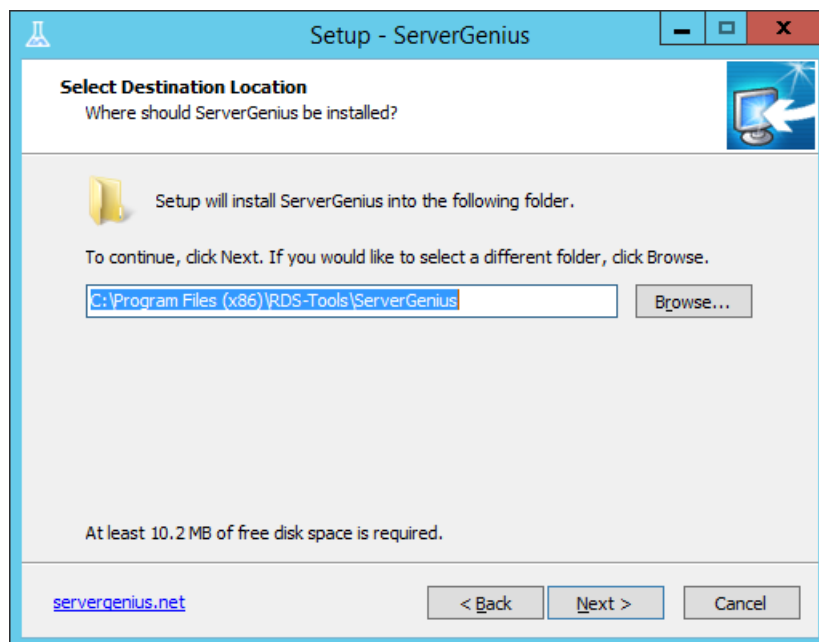
## Updating ServerGenius

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

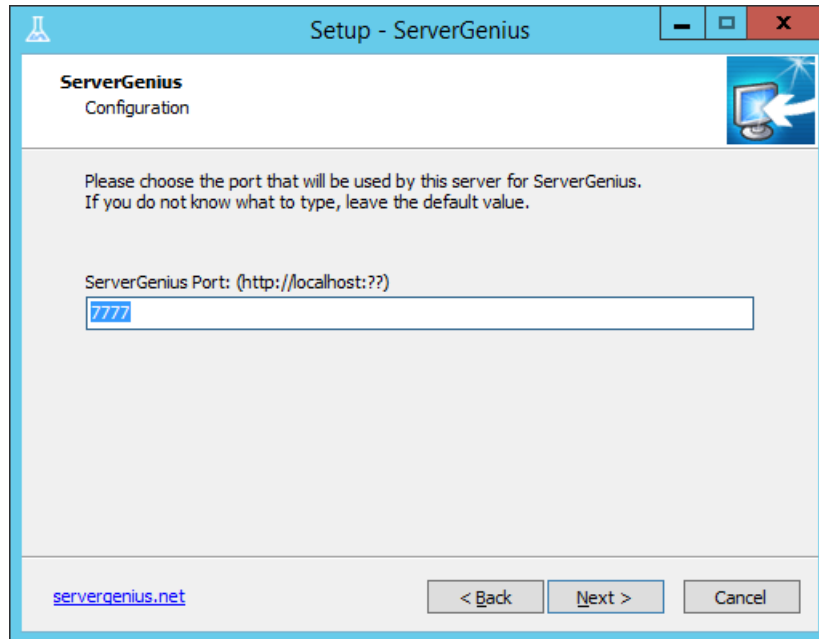
Please note that you must run this Update Release as an Administrator, but don't worry, Windows will automatically require it.



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



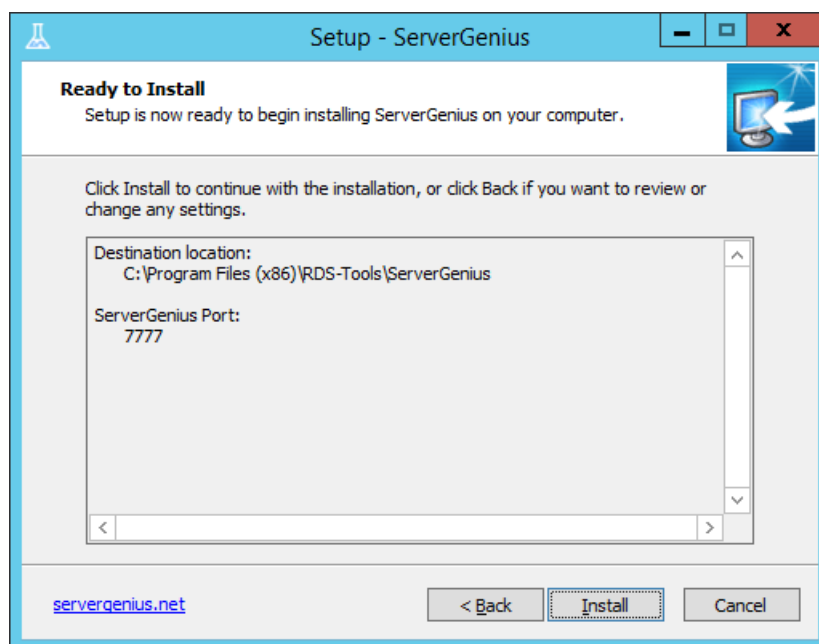
Choose the ServerGenius installation folder on your computer, then click on "Next".



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

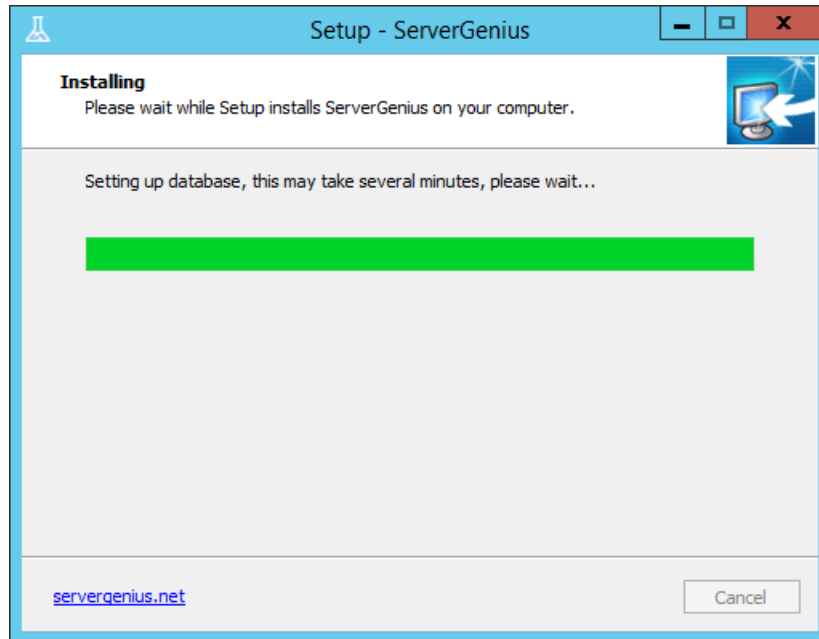
This is the network port on which you will browse to see ServerGenius reports, alerts, administration panel, etc.

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.

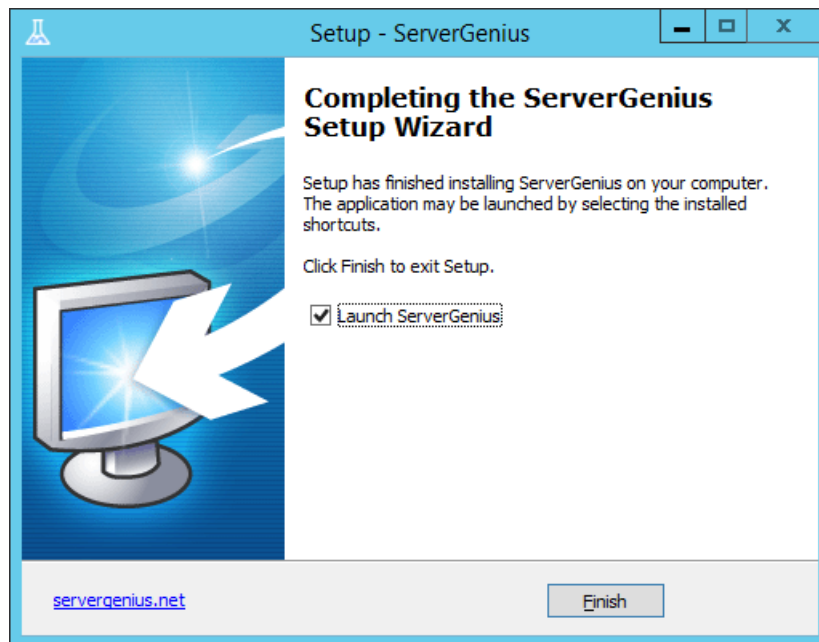


The Setup is now ready to install ServerGenius on your computer.

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.



## Activating your license

Open ServerGenius web interface (<http://localhost:7777> by default) and click on the "Administration" > "License" menu.

The following page should be displayed:

The screenshot shows the 'Your License' page. At the top, there's a navigation bar with 'ServerGenius', 'RDS Servers', 'Websites', 'Support', 'Alerts', and 'Administration'. The 'Administration' menu is open, showing 'RDS Servers', 'Websites', 'Settings', 'License' (selected), and 'Logout'. The main content area has the title 'Your License' and a table with the following data:

Serial Number:	P [redacted]
Status:	Standard 15 days Trial
Number of Servers Allowed:	Unlimited
Number of Websites Allowed:	Unlimited

Below the table, there are three buttons: 'Buy Now', 'Activate your License' (highlighted with a red box), and 'Refresh License Data'. At the bottom, a yellow banner reads: 'Standard 15 days Trial Version - 15 days remaining - Buy Now!'.

Click on the "Activate your License" button, and look for the license.lic file you have been given by your reseller or the license.lic file that you have downloaded from our [Licensing Web Portal](#).

The screenshot shows the 'License Activation' page. The navigation bar is the same as the previous page. The main content area has the title 'License Activation' and a message: 'Please select your license.lic file and click on "Activate" to activate your license on this server:'. Below this, there's a file selection interface with a button labeled 'Choisir un fichier' and the text 'Aucun fichier choisi'. To the right of this is an 'Activate' button. At the bottom, a yellow banner reads: 'Standard 15 days Trial Version - 15 days remaining - Buy Now!'.

Then browse and select your license.lic file and click on the "Activate" button.

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



ServerGenius RDS Servers Websites Support Alerts Administration

## License Activation

License Activation Success

You have successfully activated your license!

← Back to your license details

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

ServerGenius RDS Servers Websites Support Alerts Administration

## Your License

Serial Number:	P
Status:	Valid Permanent License
Number of Servers Allowed:	Unlimited
Number of Websites Allowed:	Unlimited

Buy Now Activate your License

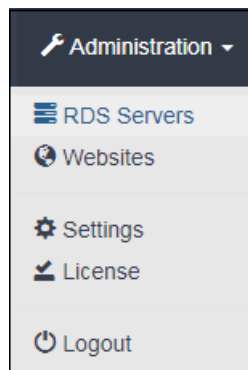
Refresh License Data

Thank you for choosing ServerGenius!



## Servers Management

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



ServerGenius RDS Servers Websites Support Alerts Administration

### Servers Management

+ Add a new Server

Server Nickname	Computer Name	Edit Nickname	Remove
My Applications Server	WIN-URFCTRSQGDF	EDIT	Remove

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](#)

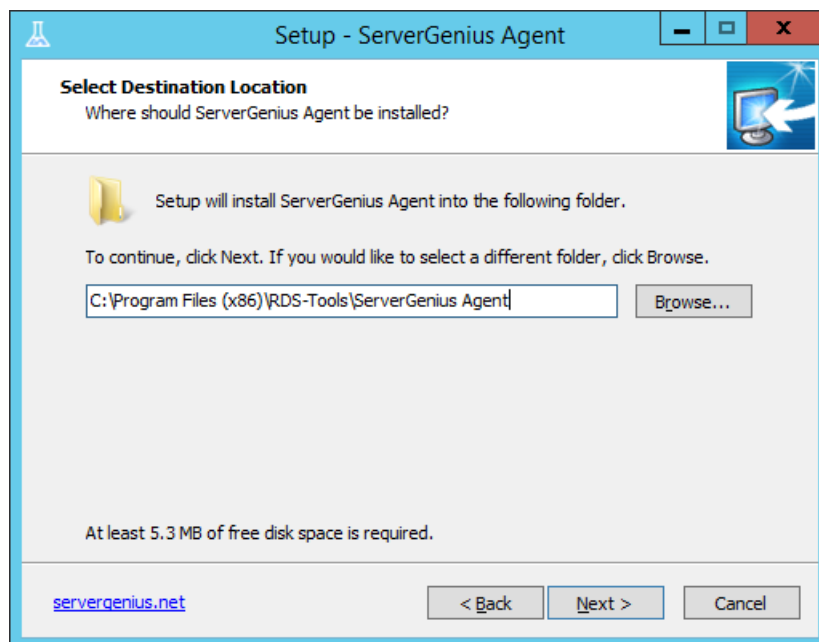
Alternatively, you can also download the setup right now, transfer it and then run it directly on the new computer.

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

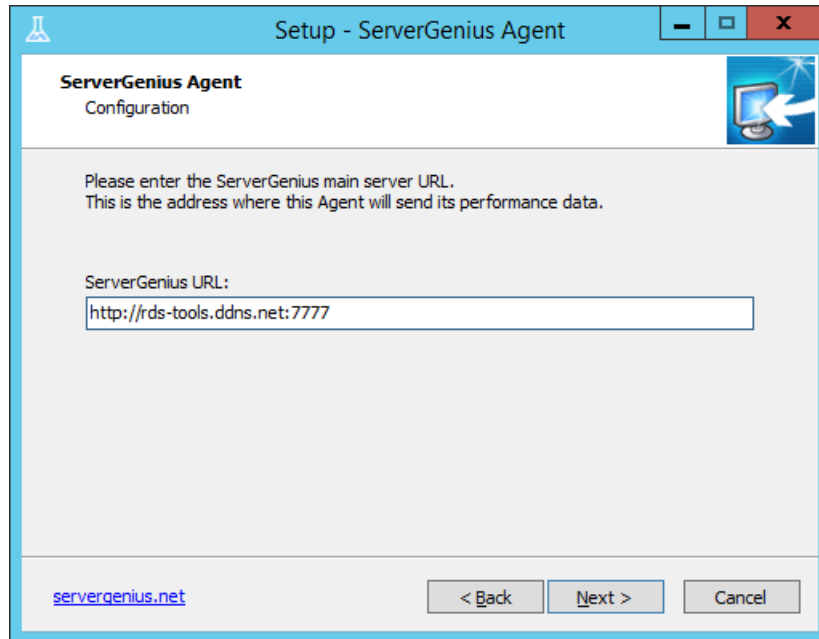




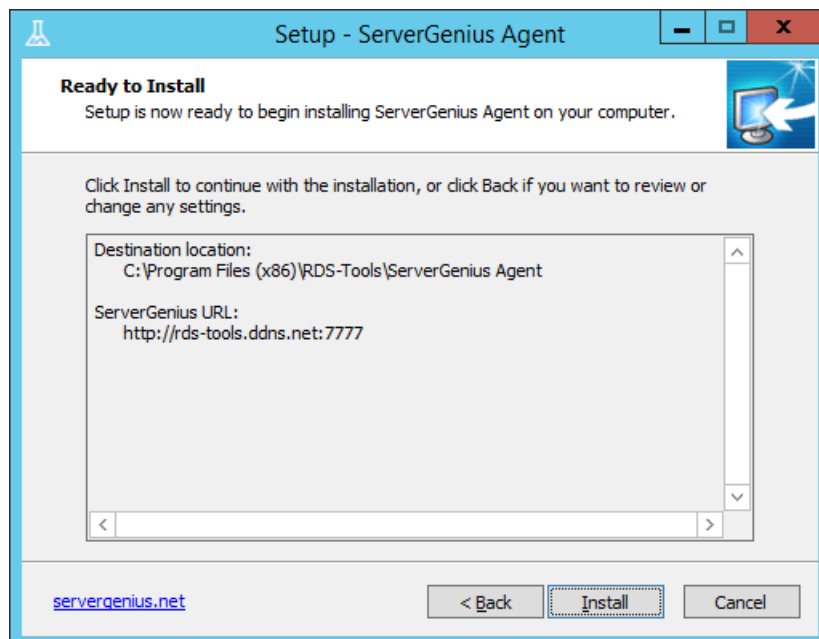
As for Server Genius setup, agree to the License, then select the destination location folder (by default, it will be installed on C:\Program Files (x86)\RDS-Tools\ServerGenius Agent):



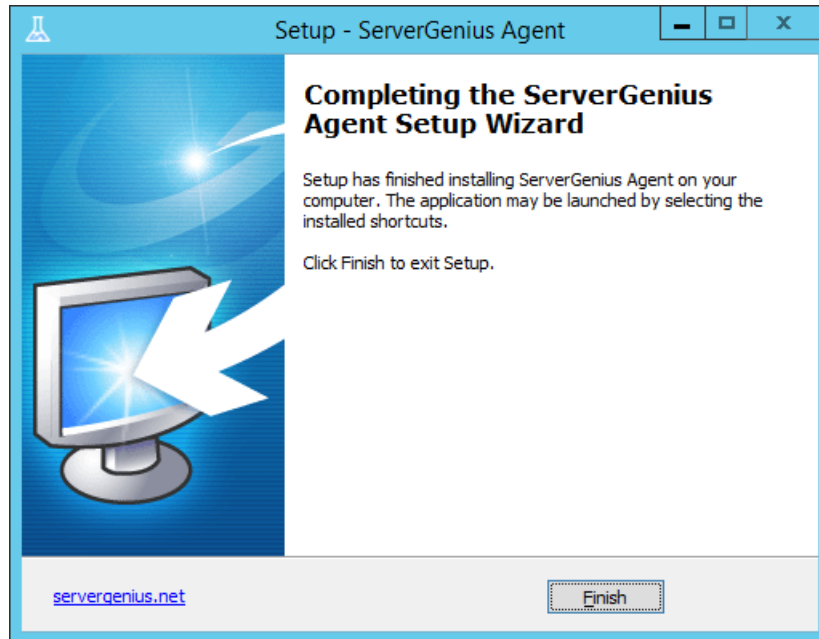
Then, enter the main server URL:



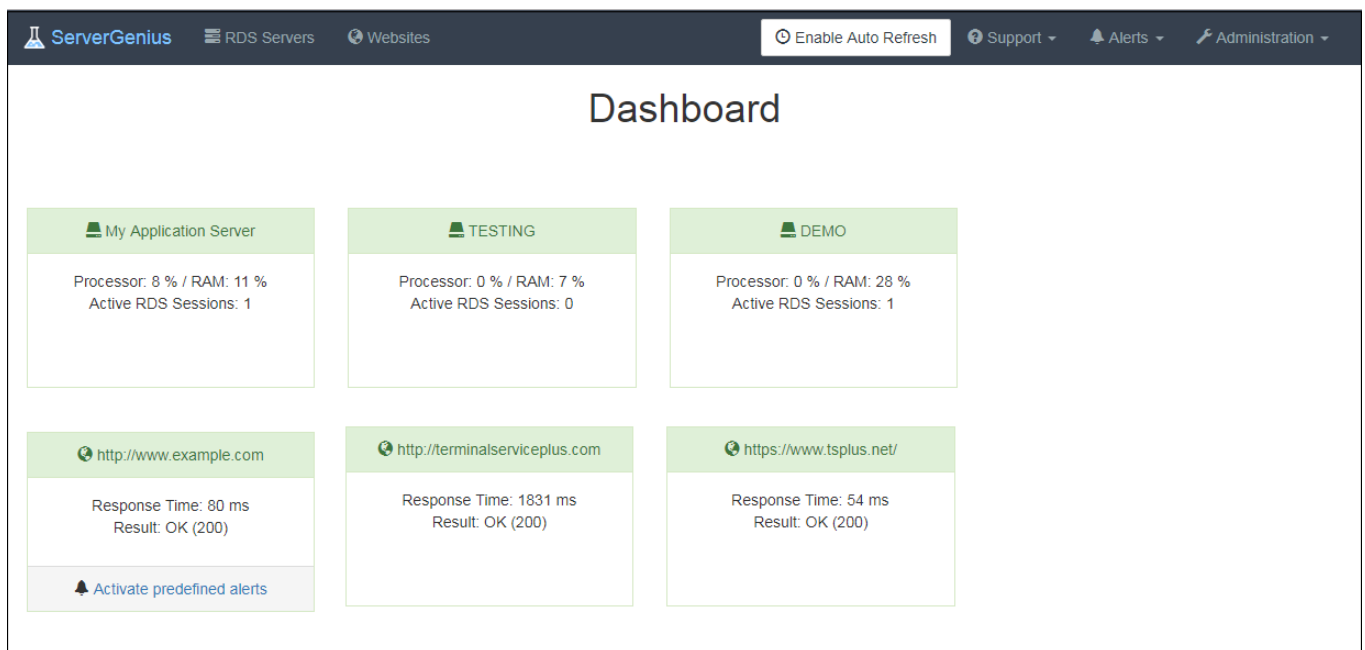
Click on install:



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:

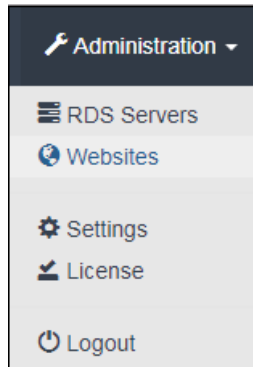


**Warning:** If you accidentally removed your server or want to change its name, we recommend you to uninstall and reinstall Server Genius.



## 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:

Website Address	Remove
http://www.example.com	<a href="#">Remove</a>
http://terminalserviceplus.com	<a href="#">Remove</a>
https://www.tsplus.net/	<a href="#">Remove</a>

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:

**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 ServersWebsites

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)

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# Settings

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

- 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:

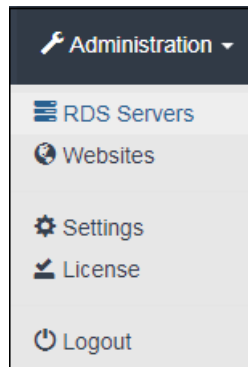


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## Choose a nickname for your servers

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**.

Servers Management			
			<a href="#">+ Add a new Server</a>
Server Nickname	Computer Name	Edit Nickname	Remove
DESKTOP-EEDE997	DESKTOP-EEDE997	<a href="#">Edit</a>	<a href="#">Remove</a>

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**

[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.



# 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.



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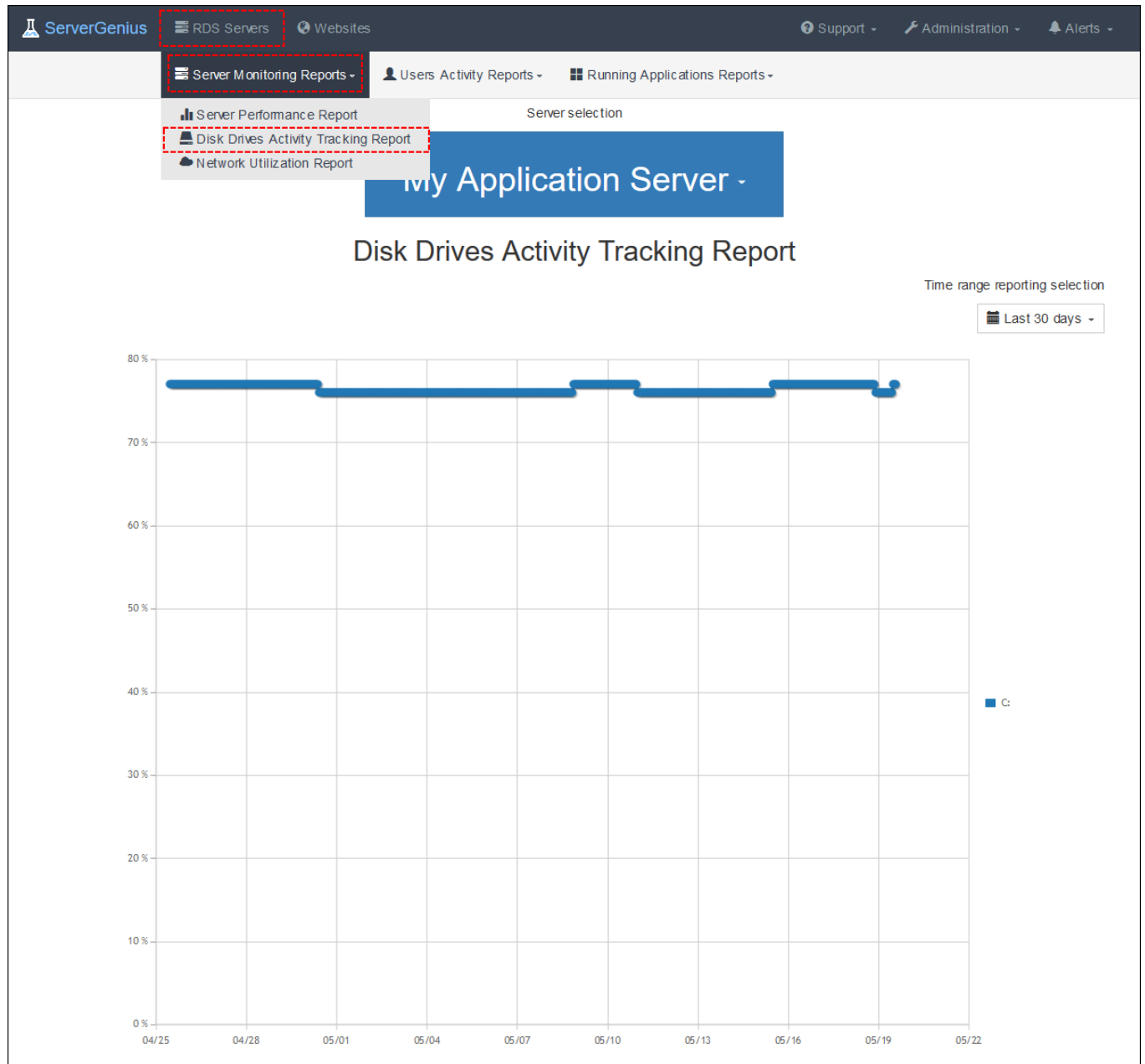


# Disk Drives Activity Tracking Report

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.



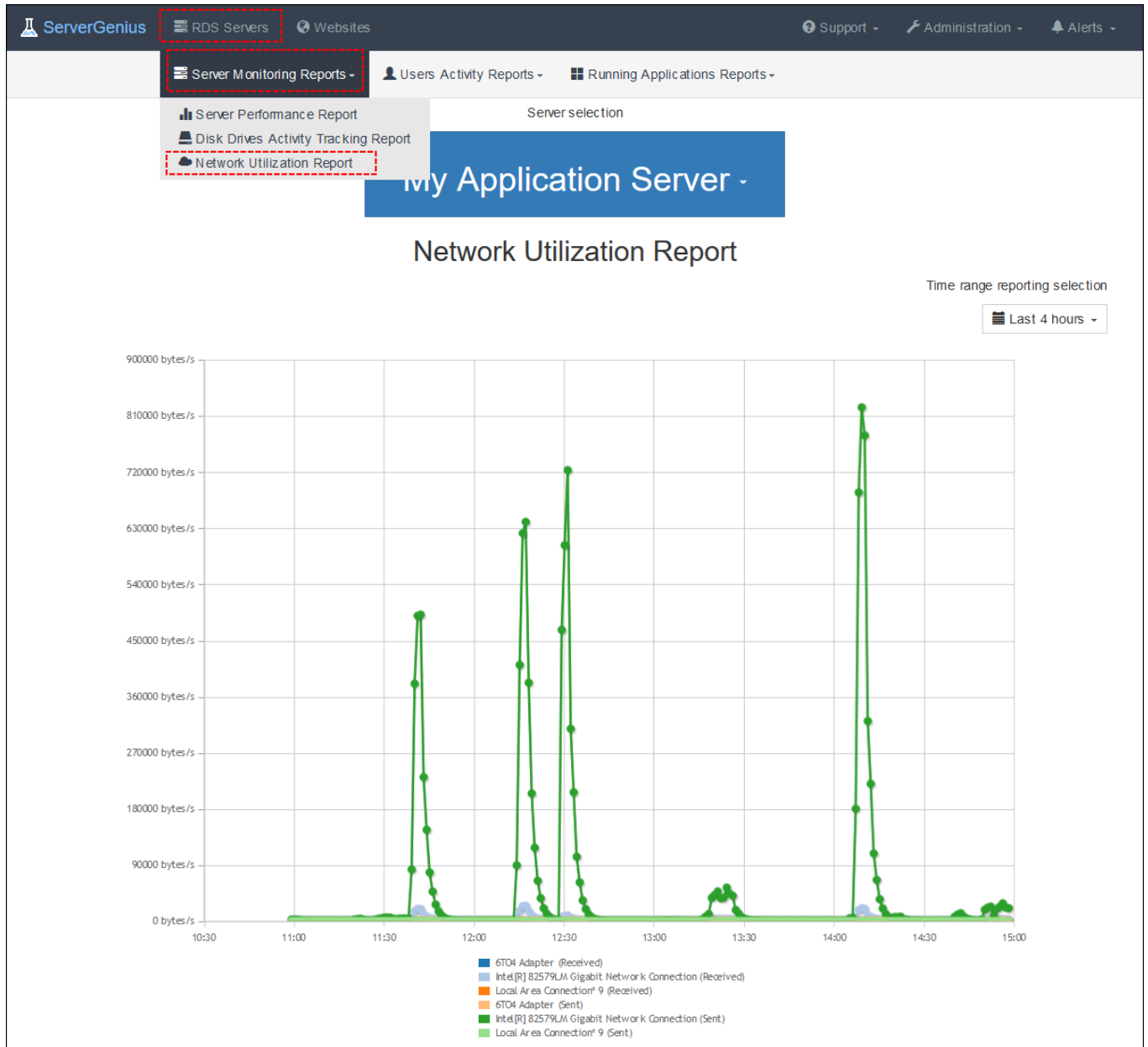
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## Network

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.

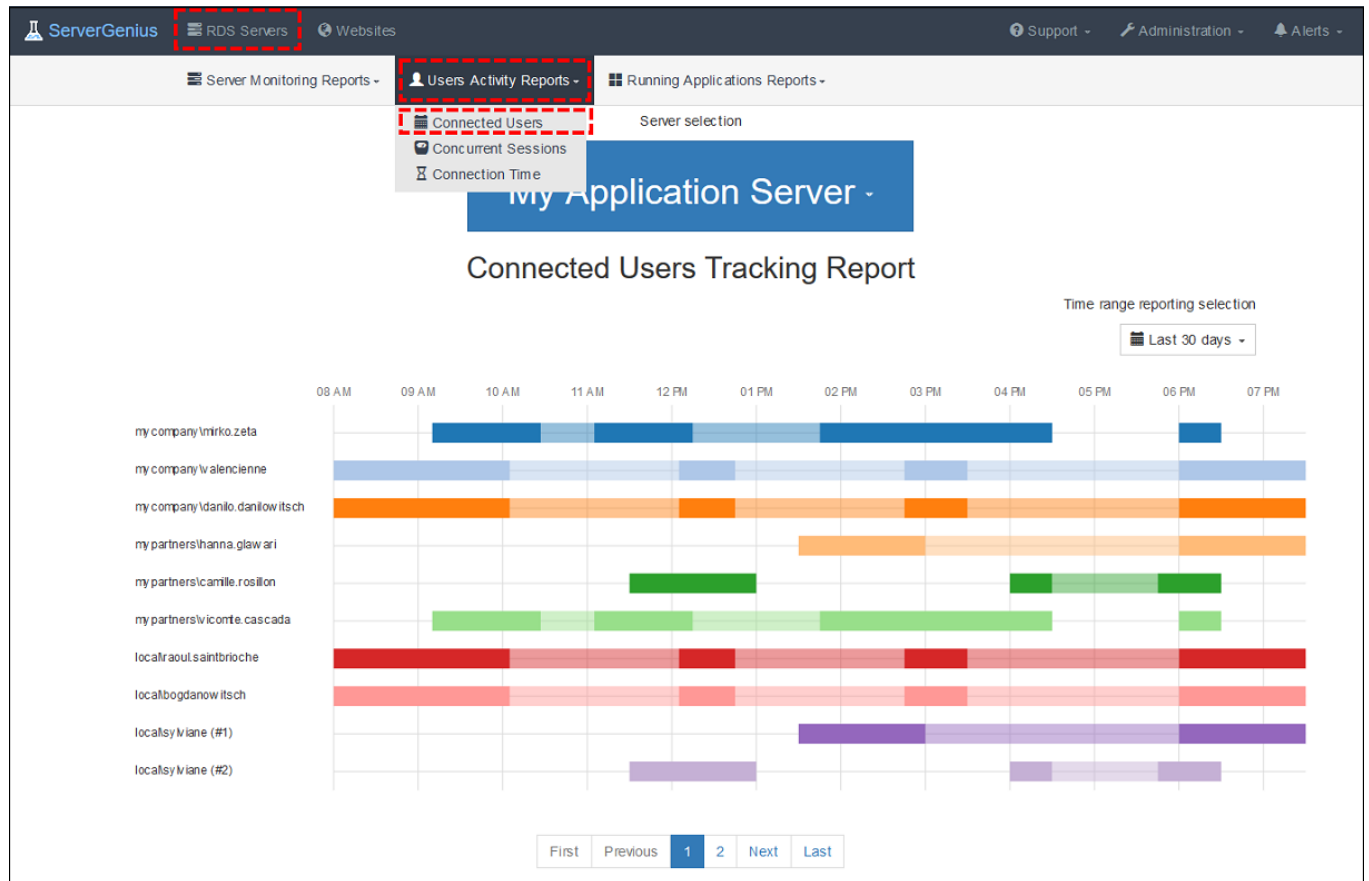


# Connected Users Tracking Report

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.



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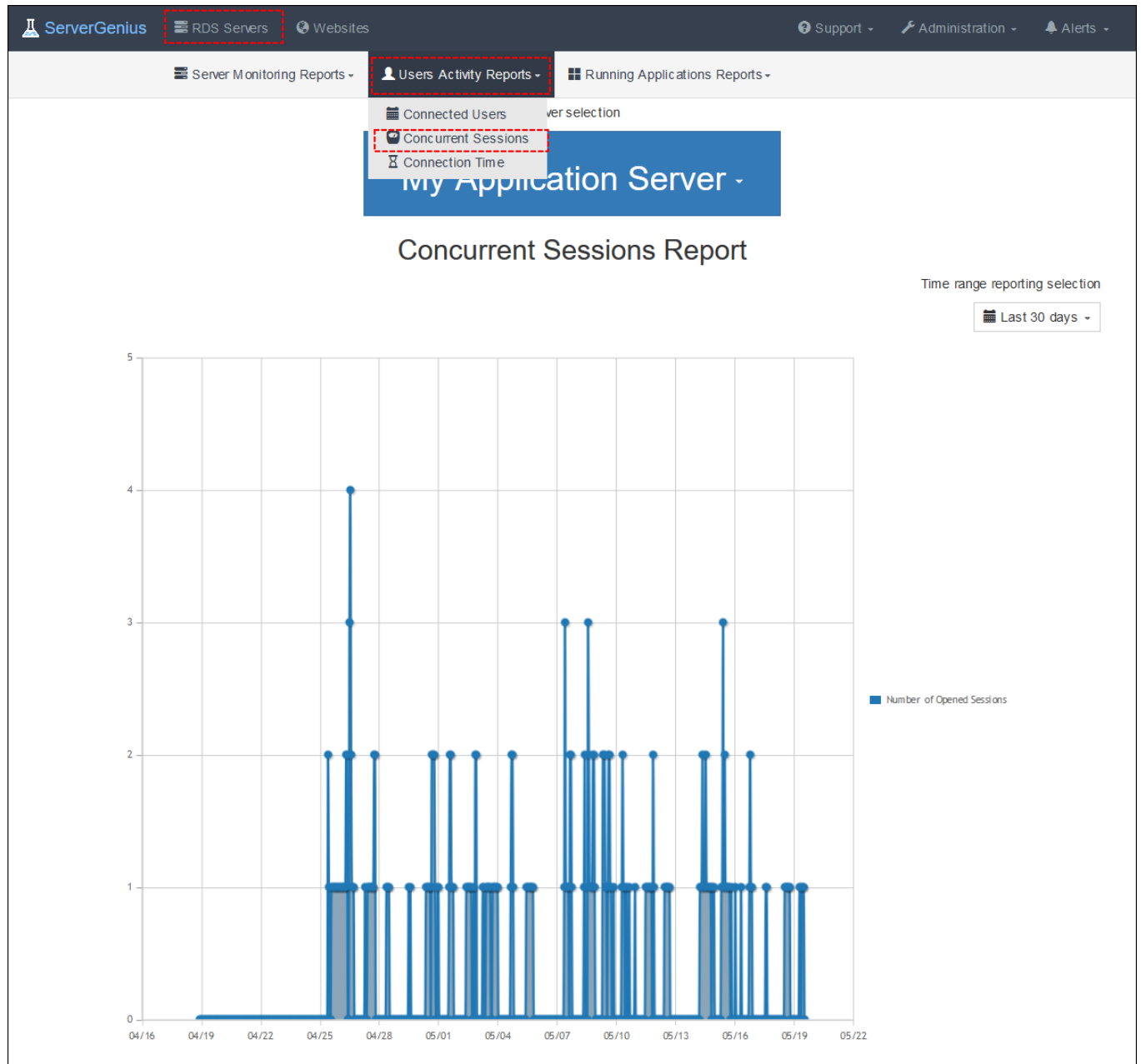


# Concurrent Sessions Report

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.



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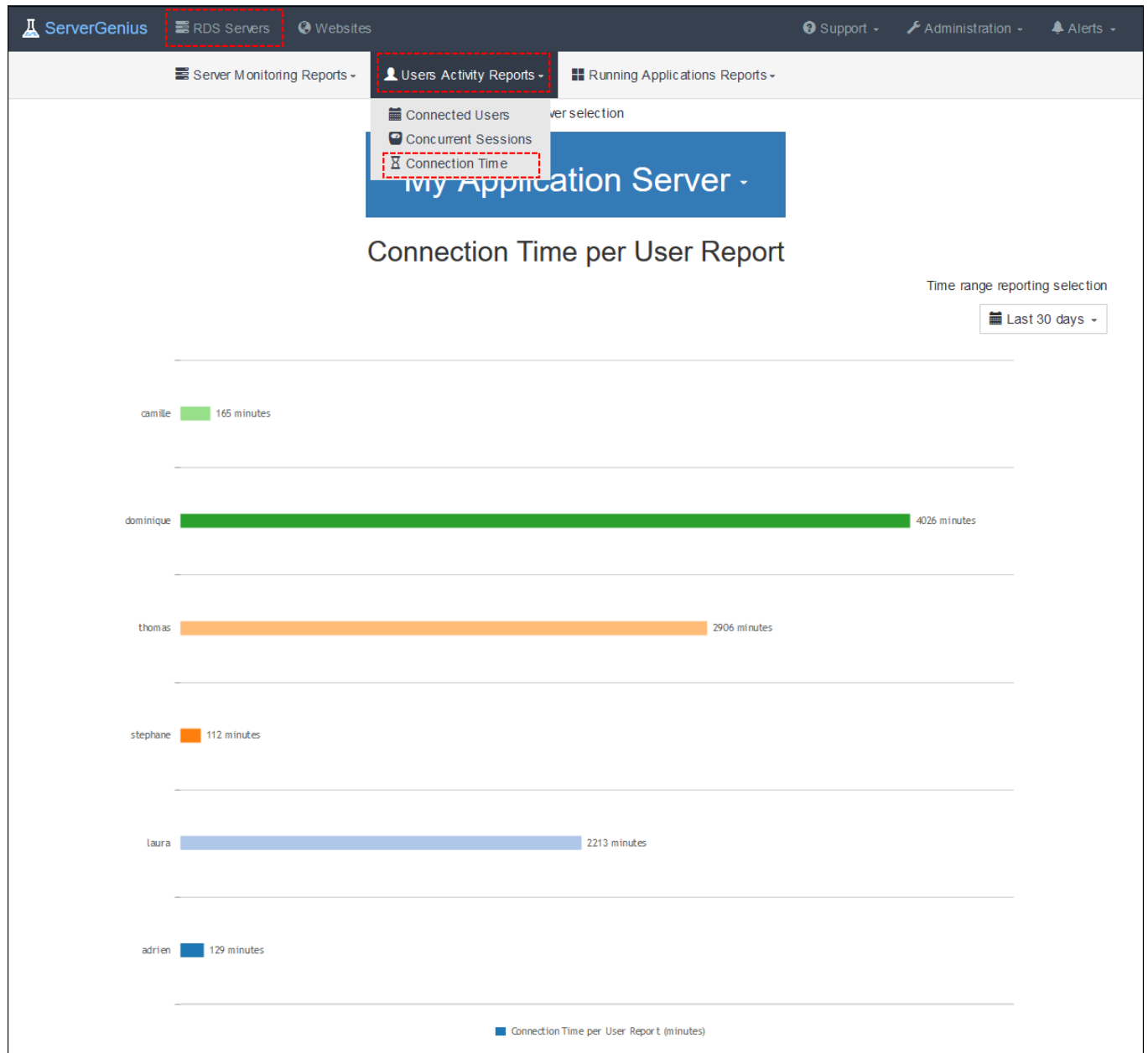


# Connection Time per User Report

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.



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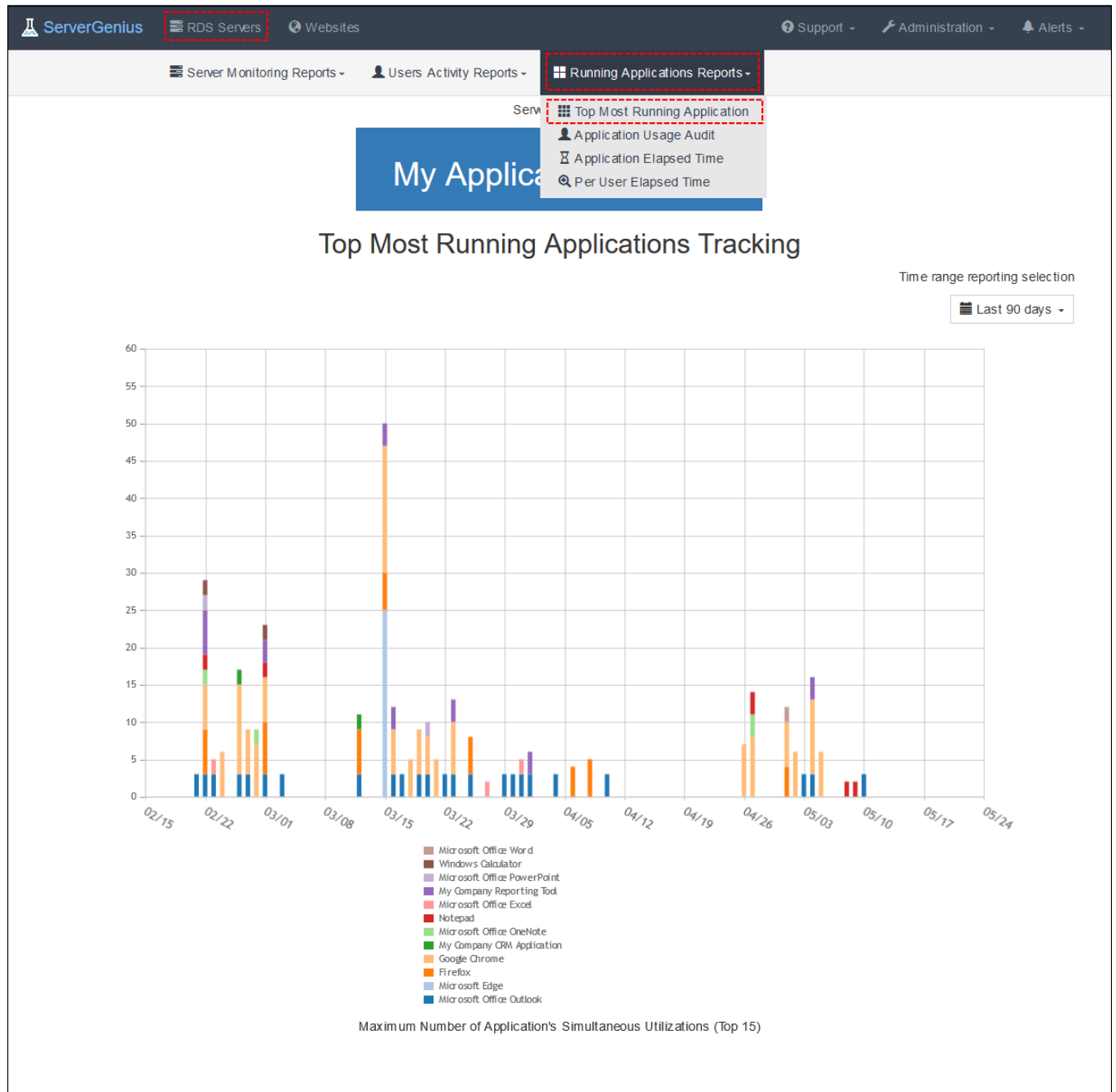


# Top Most Running Applications Tracking

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

It displays the **number of each application's simultaneous utilizations**, for the top 15 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.



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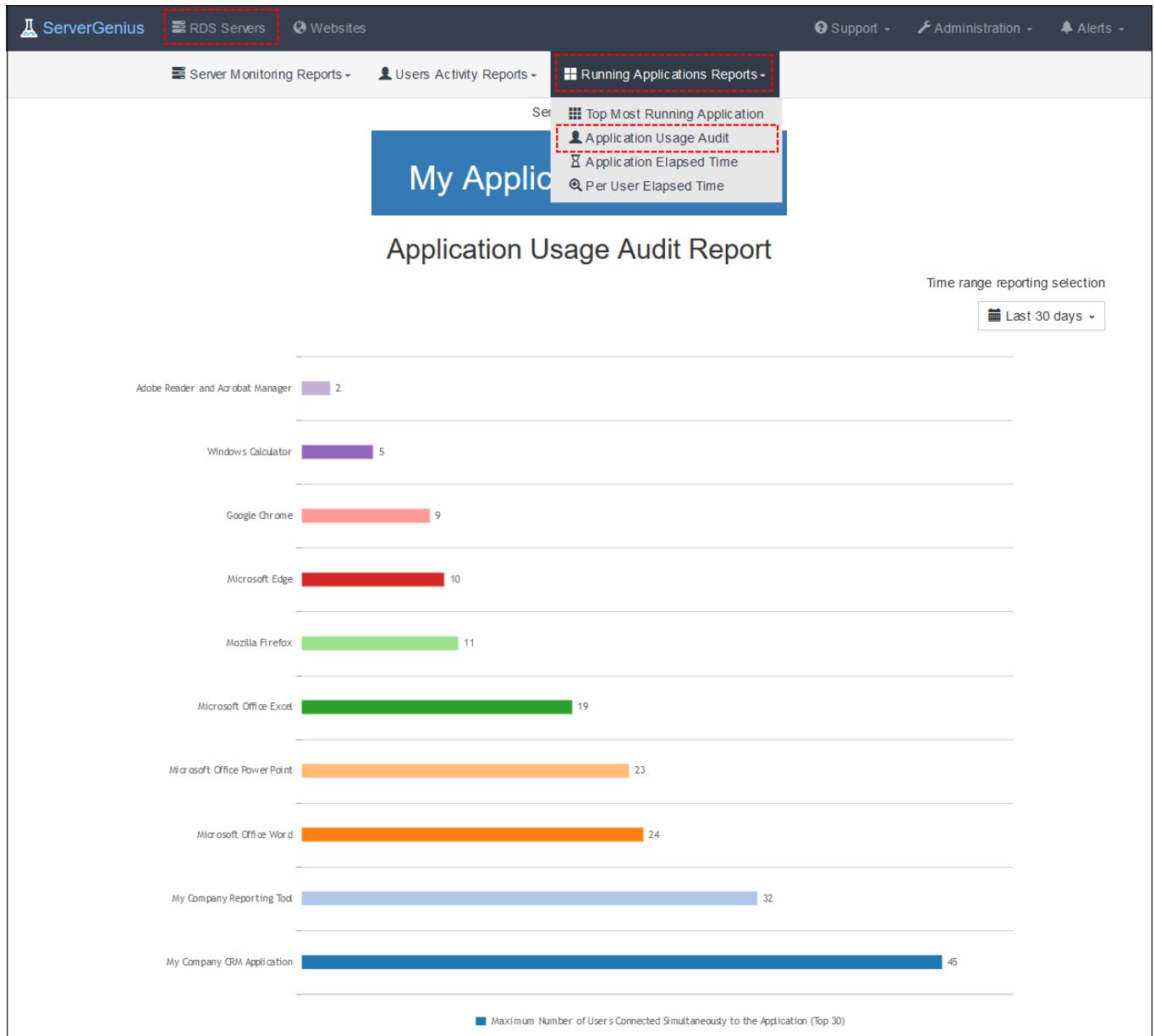


# Application Usage Audit Report

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.



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# 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.



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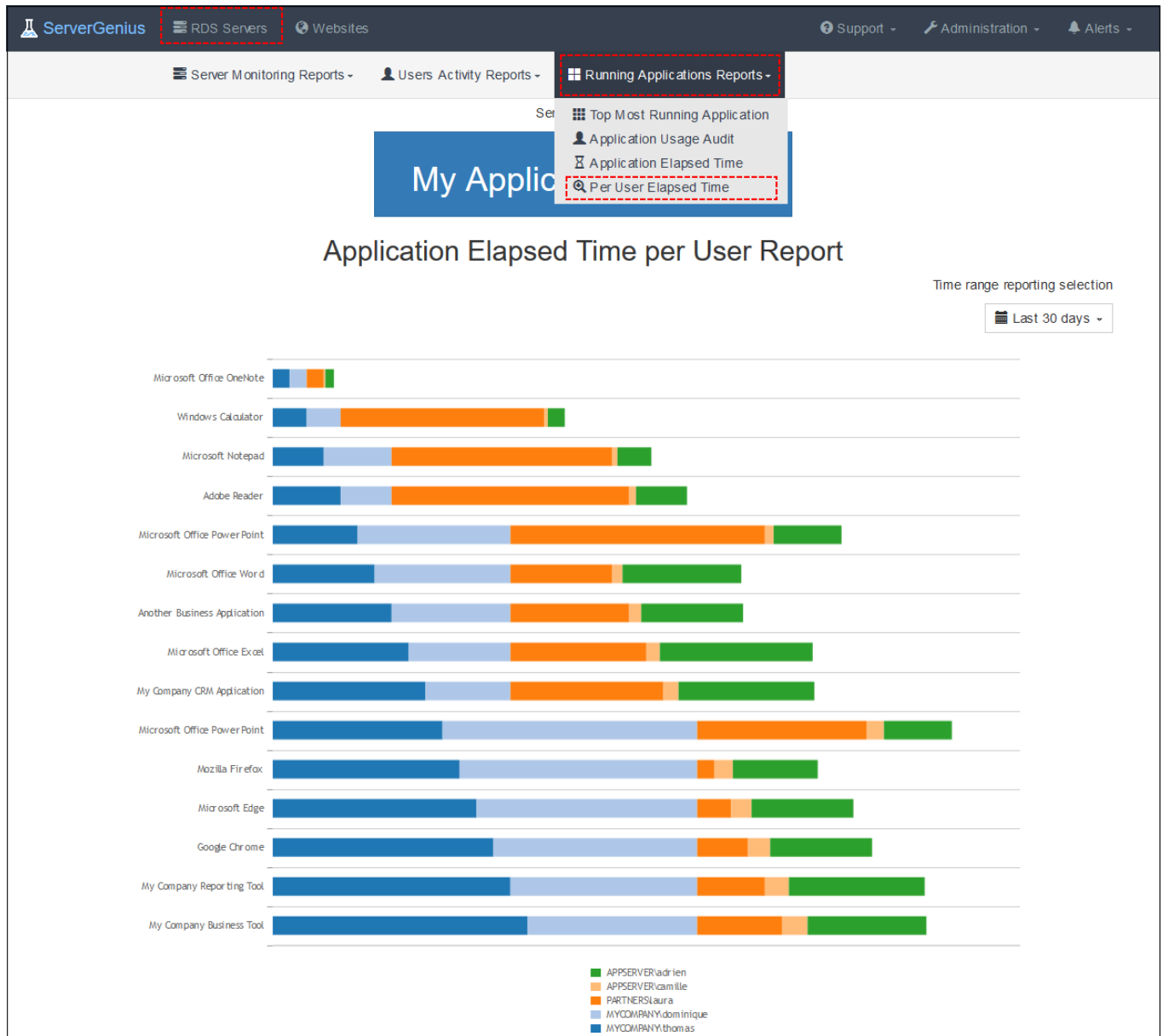


# Application Elapsed Time per User Report

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.



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# 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.



ServerGenius

RDS Servers

Websites

Support

Administration

Alerts

Overview

Availability

Server Performance Report

Responses

Website selection

http://www.example.com

Overview

Time range reporting selection

Last 30 days

Overview

No service outage recorded

One or multiple service outages recorded

No data available

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

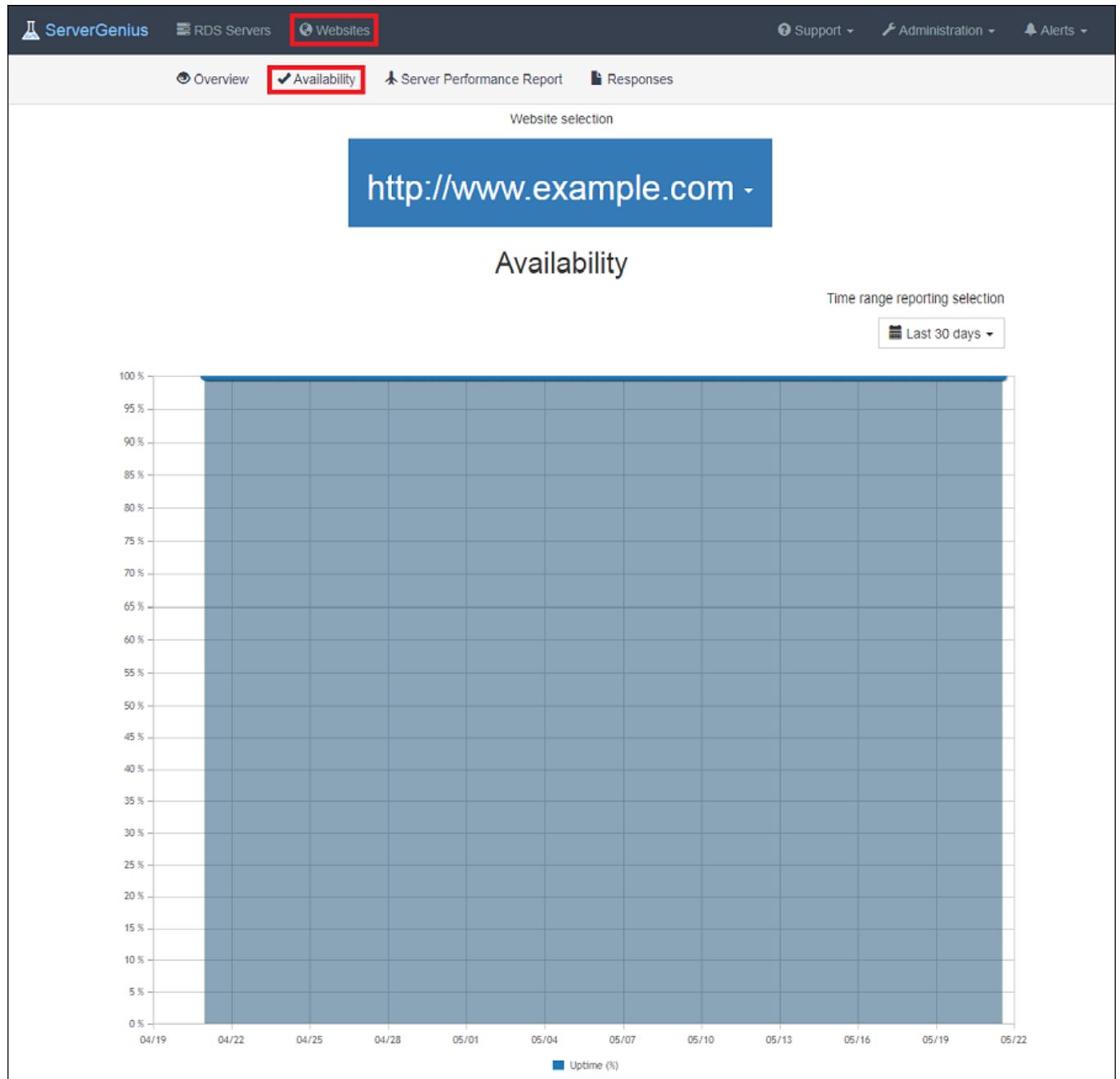


# Website Availability Report

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.





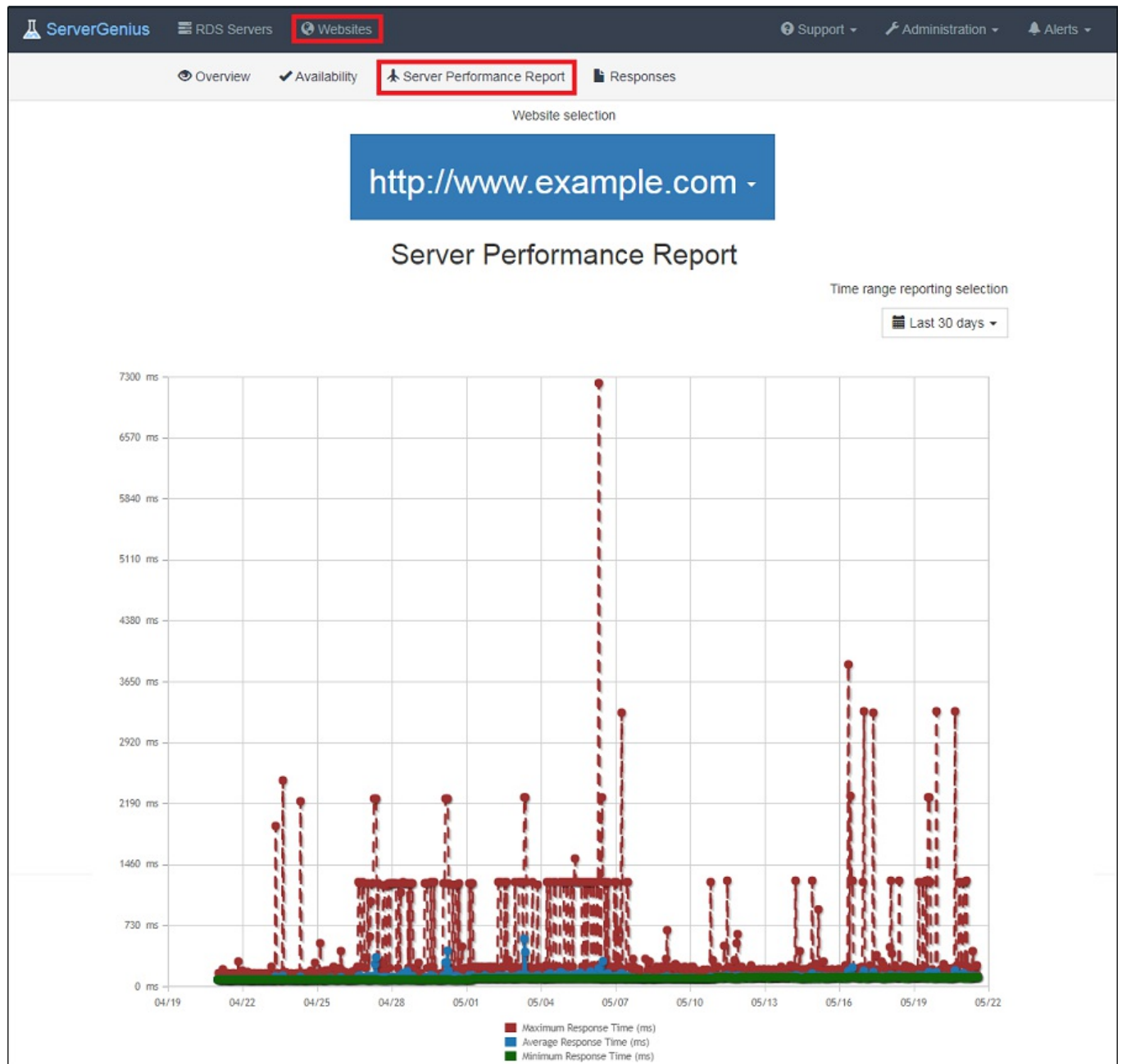
# Website Performance Report

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.





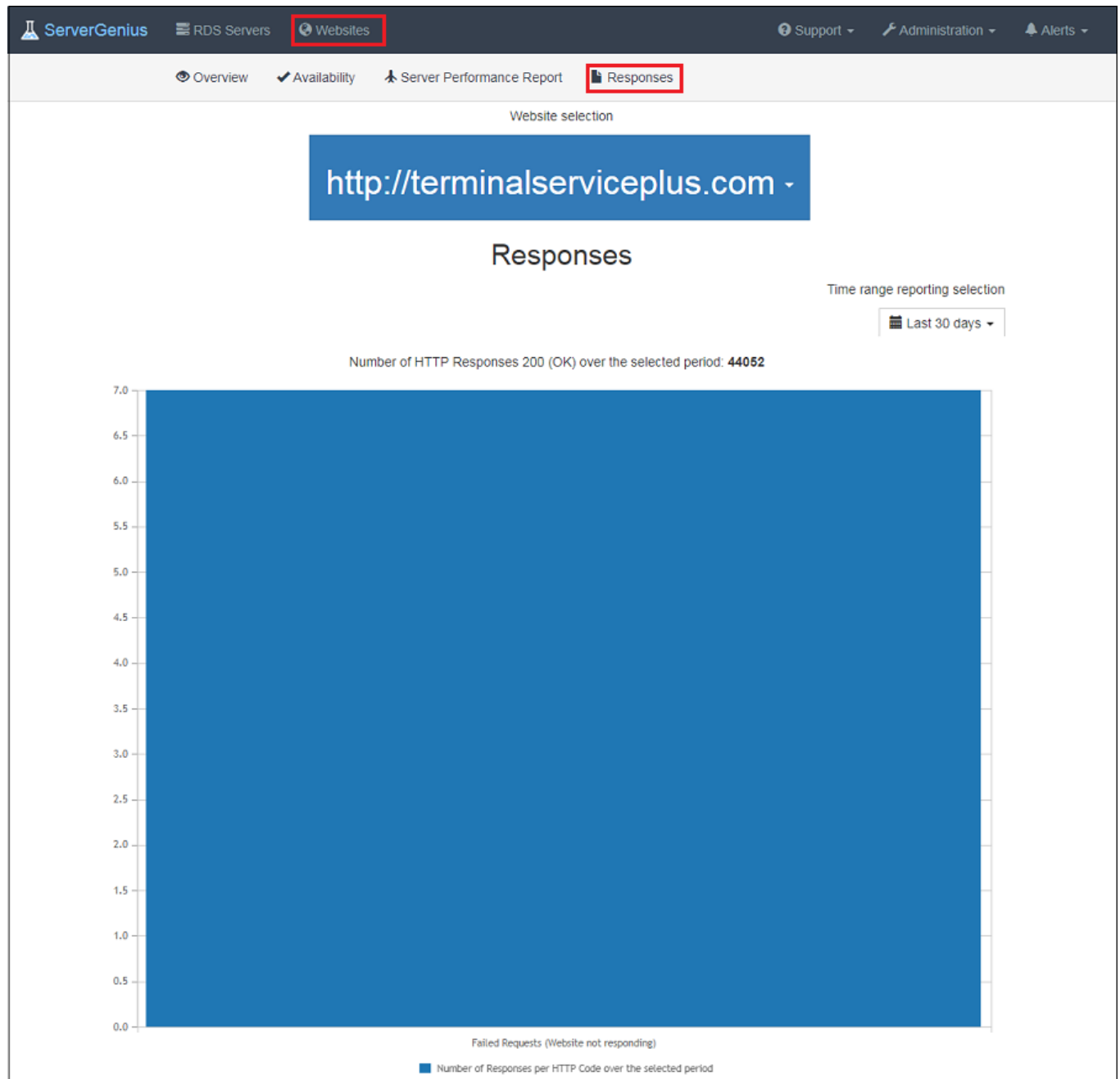
# Website Responses Report

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.







# 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.

ServerGenius

RDS Servers

Websites

Support

Alerts

Administration

Alerts Management

Management

History

+ Create a new Alert

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

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Alert

Set a new alert on my 

RDS Server

 : 

My Application Server

When 

downtime duration

 is higher than 

3

 minutes

Then send an email to 

alerts@tsplus.net

Save

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

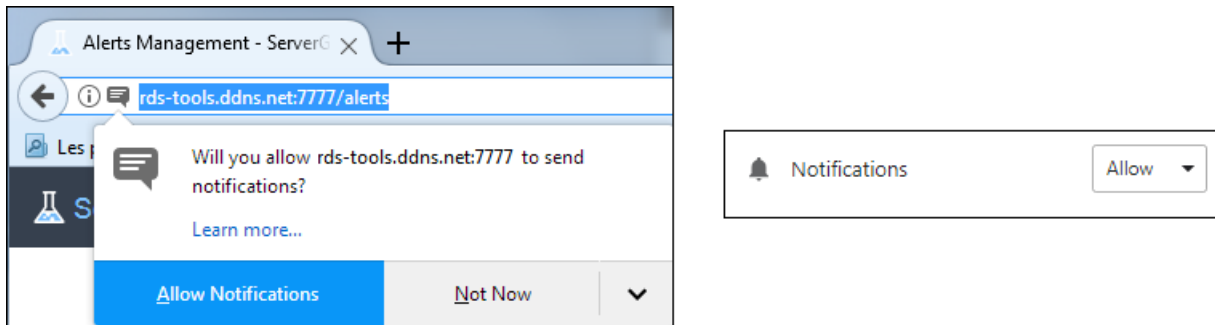


Once you have configured an alert on your server or your website, Server Genius will closely monitor the chosen metric and send you an email as soon as the targeted threshold is reached or exceeded. Server Genius will of course also send you an email when the metric is back to normal.

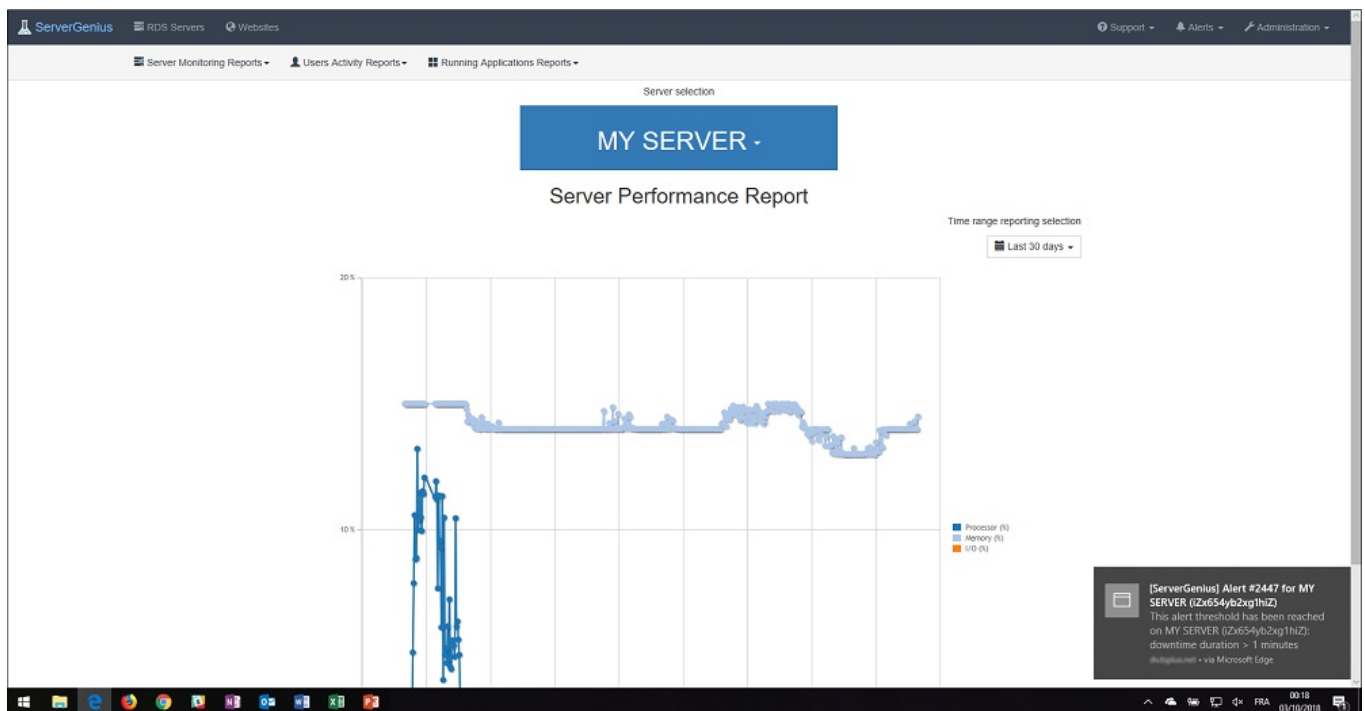
## Notifications

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.

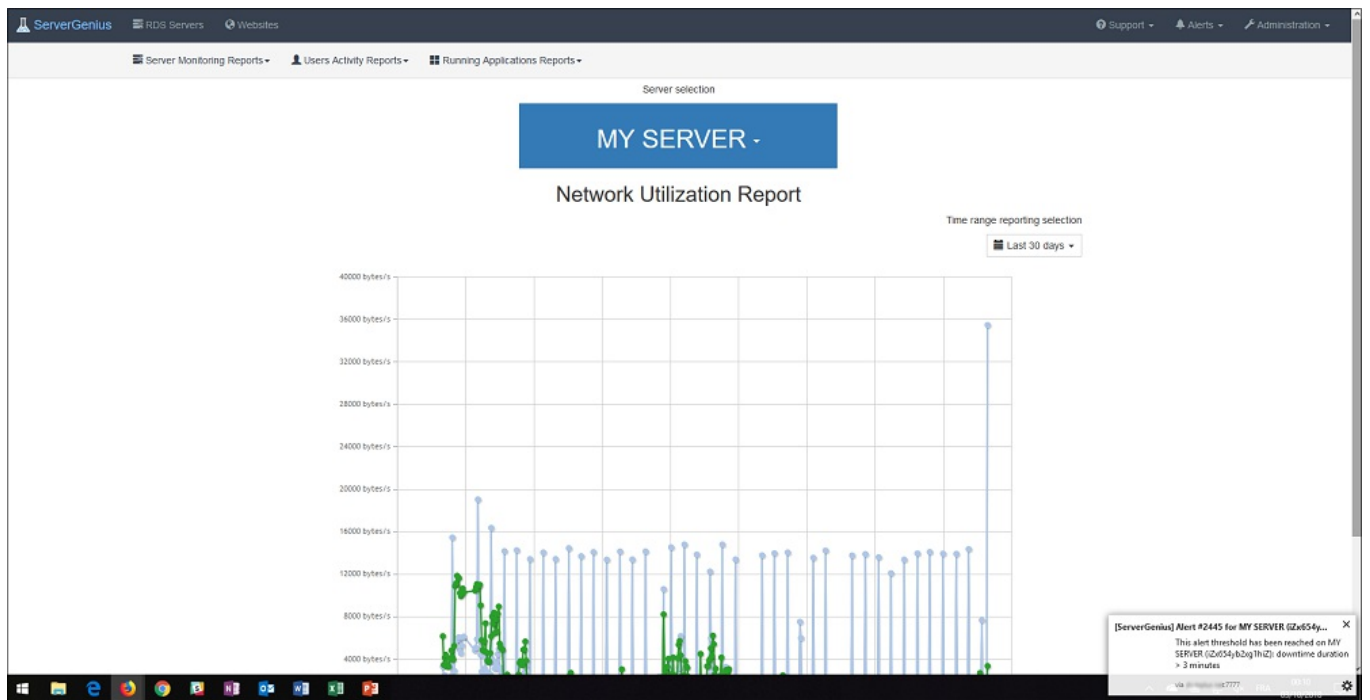
Since Server Genius 3.4 version, it is now possible to enable real-time web notifications by allowing them into your web browser:



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](#)



# 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!**

---

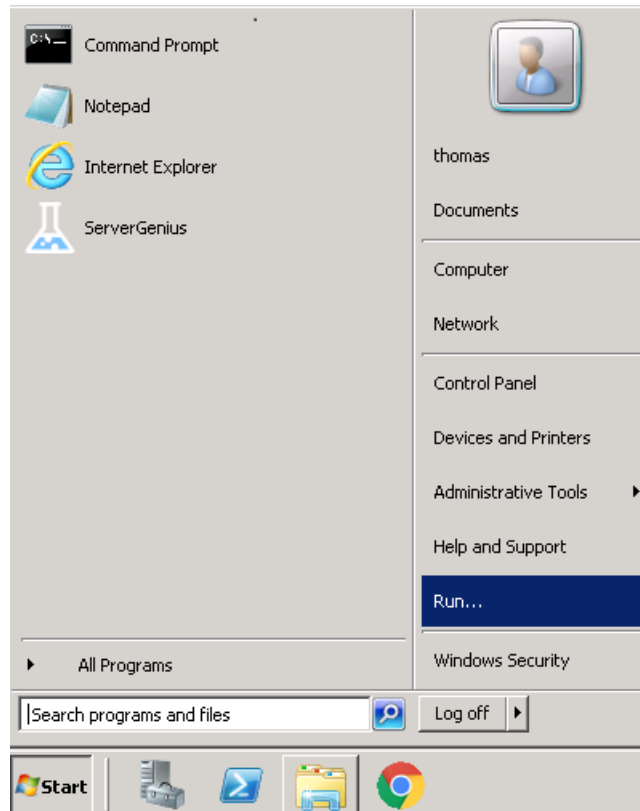
## Summary

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

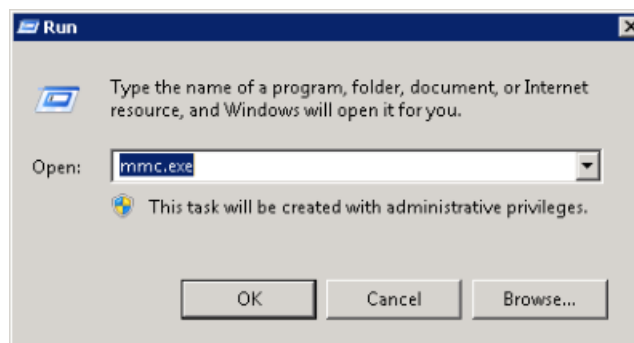
## Requirements

- 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.
- 

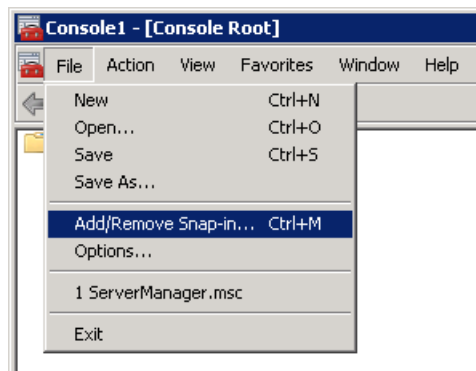
## Open Certificate Manager



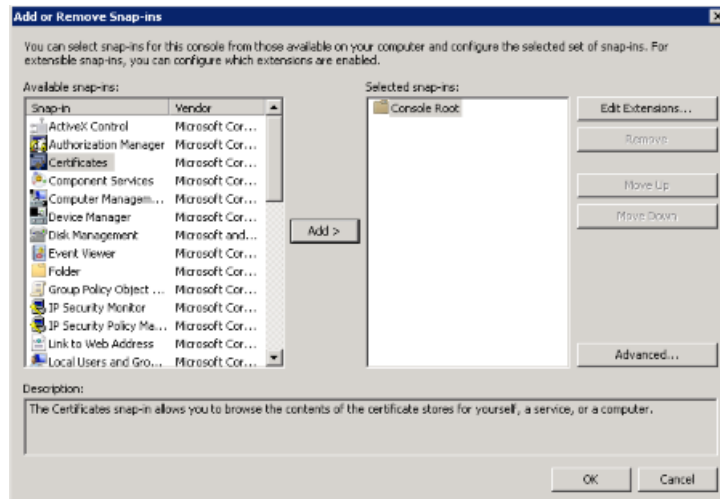
Log in as a local administrator on the server where ServerGenius is installed. Then, from the Windows task bar, click on **Start**. Then, click on **Run....**



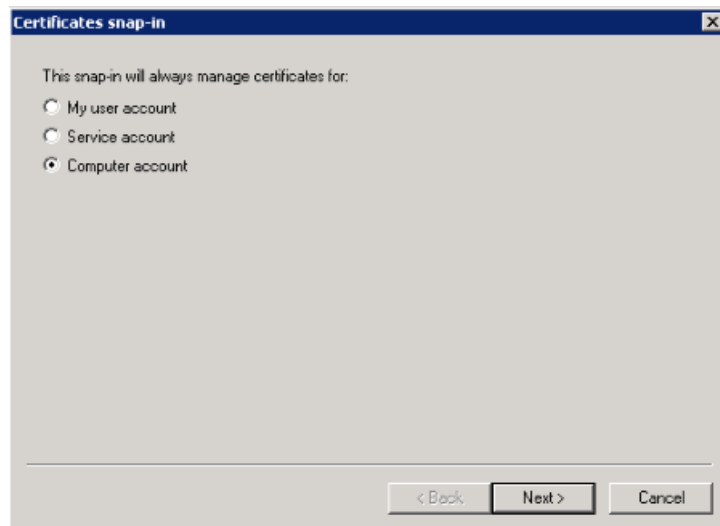
A window opens and prompts for a program executable name. Type **mmc.exe** and click **OK**.



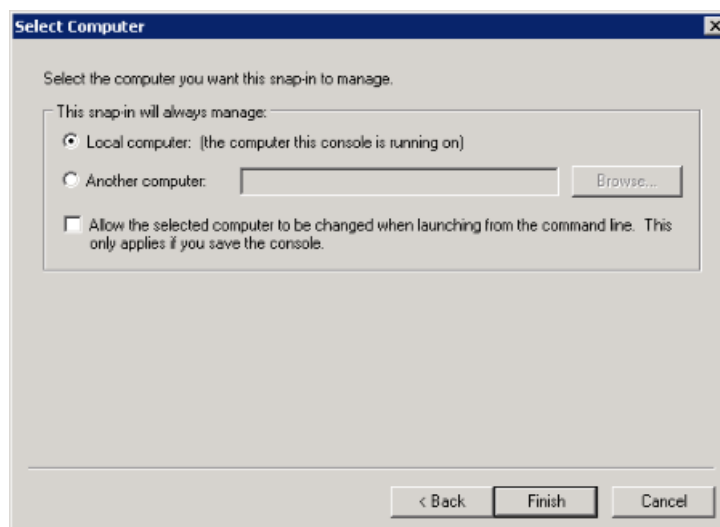
The Microsoft Management Console (MMC) opens. Click on **File** and then click on **Add/Remove Snap-in** to choose the feature to manage.



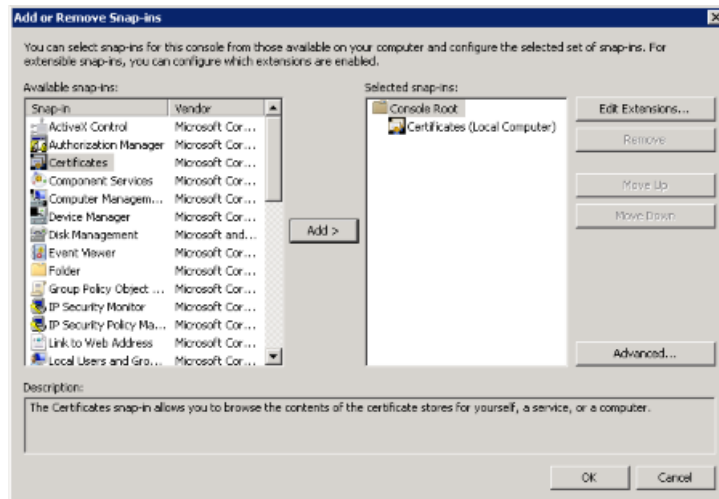
In the list of Snap-in, choose **Certificates** and then click on **Add**. The snap-in is added to the **Selected snap-ins** column. Then, click **OK**.



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

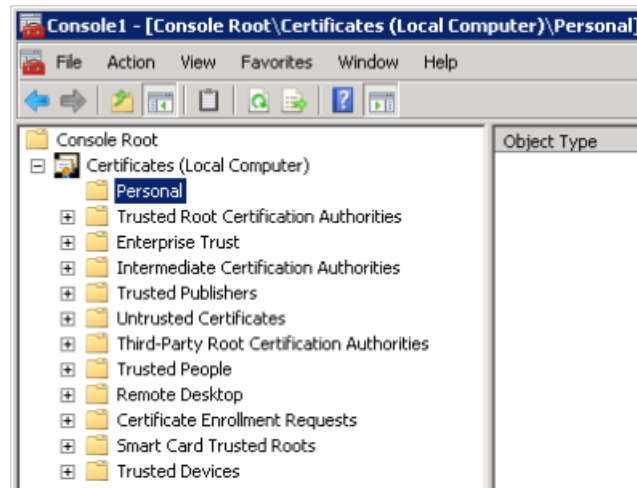


Choose **Local Computer** and click **Finish**.

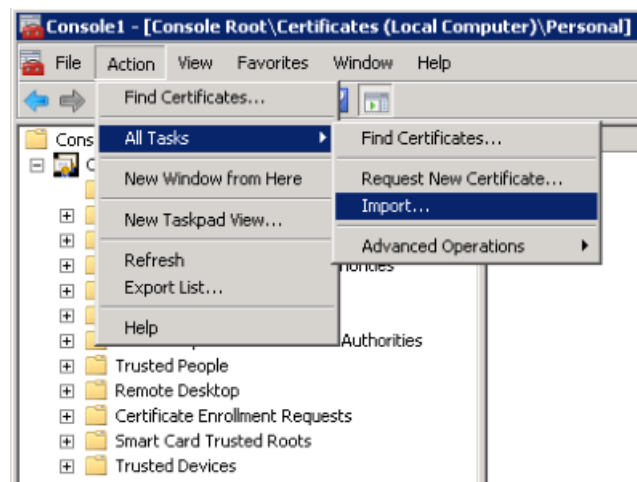


Click **OK** to proceed with importing the certificates.

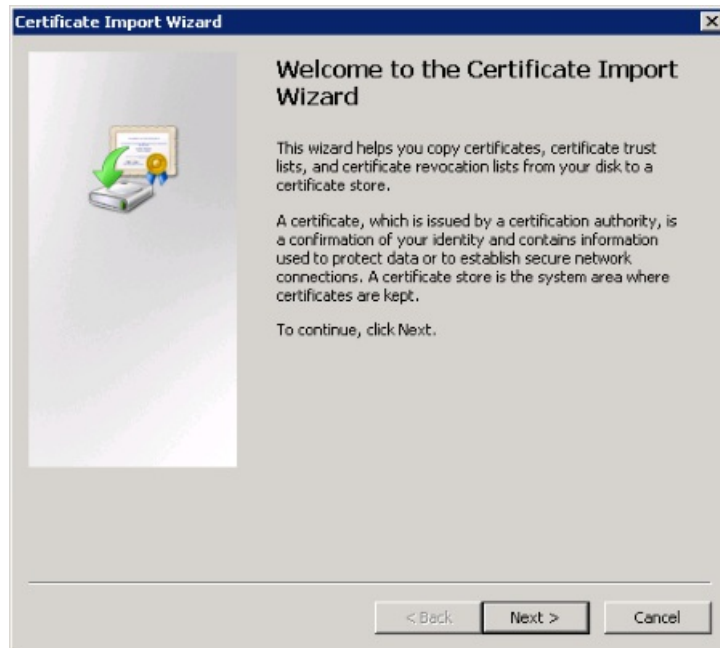
## Import certificates



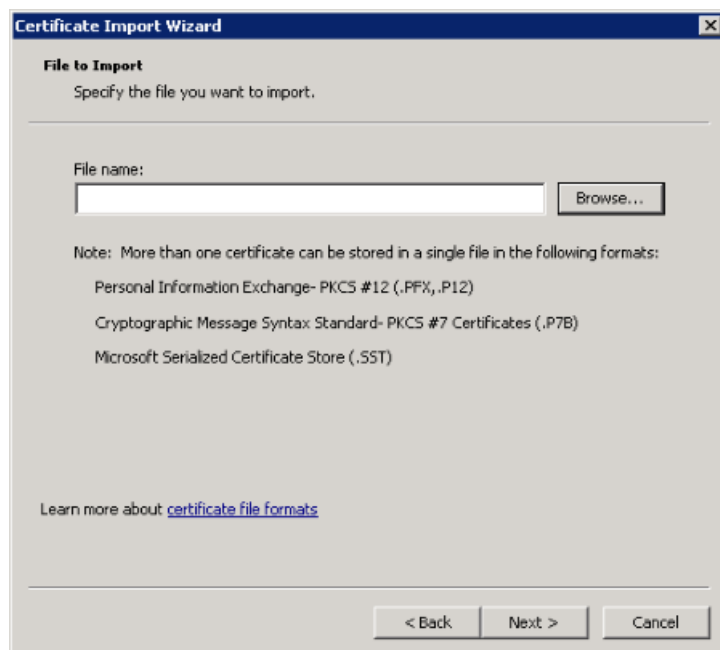
In the MMC window opened in the previous section, drill down to **Certificates (Local Computer)** and **Personal**.



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.



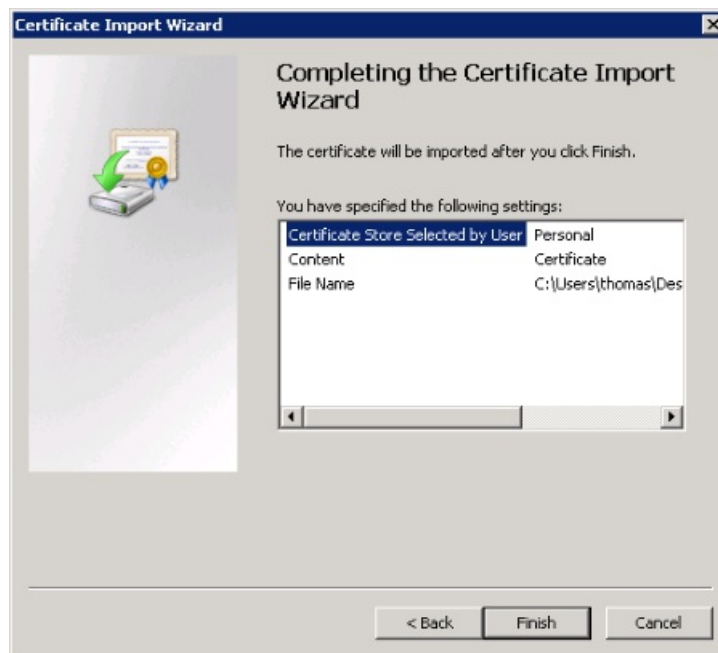


The 'Certificate Import Wizard' window, titled 'File to Import', prompts the user to 'Specify the file you want to import.' It features a text box for the file name, currently showing 'C:\Users\thomas\Desktop\Certificates\... .crt', and a 'Browse...' button. A note states: 'More than one certificate can be stored in a single file in the following formats: Personal Information Exchange- PKCS #12 (.PFX,.P12), Cryptographic Message Syntax Standard- PKCS #7 Certificates (.P7B), and Microsoft Serialized Certificate Store (.SST)'. A link for 'Learn more about certificate file formats' is provided. At the bottom are '< Back', 'Next >', and 'Cancel' buttons.

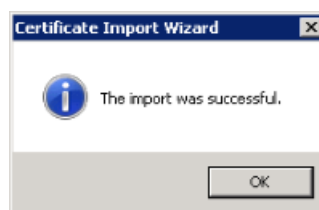
Click **Next** to continue.

The 'Certificate Import Wizard' window, titled 'Certificate Store', explains that 'Certificate stores are system areas where certificates are kept.' It offers two options: 'Automatically select the certificate store based on the type of certificate' (unselected) and 'Place all certificates in the following store' (selected). Below, the 'Certificate store:' dropdown is set to 'Personal', with a 'Browse...' button. A link for 'Learn more about certificate stores' is included. At the bottom are '< Back', 'Next >', and 'Cancel' buttons.

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



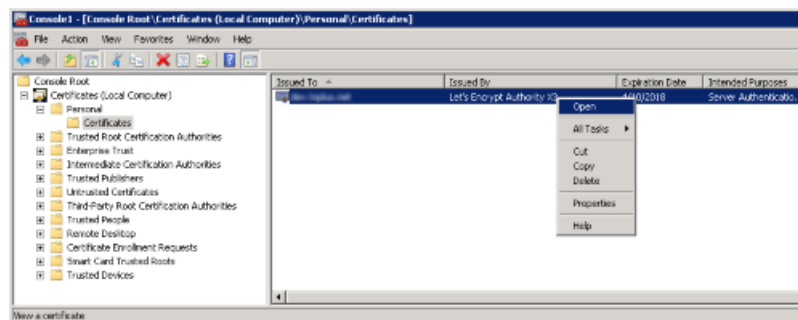
Click **Finish** to import the certificate.



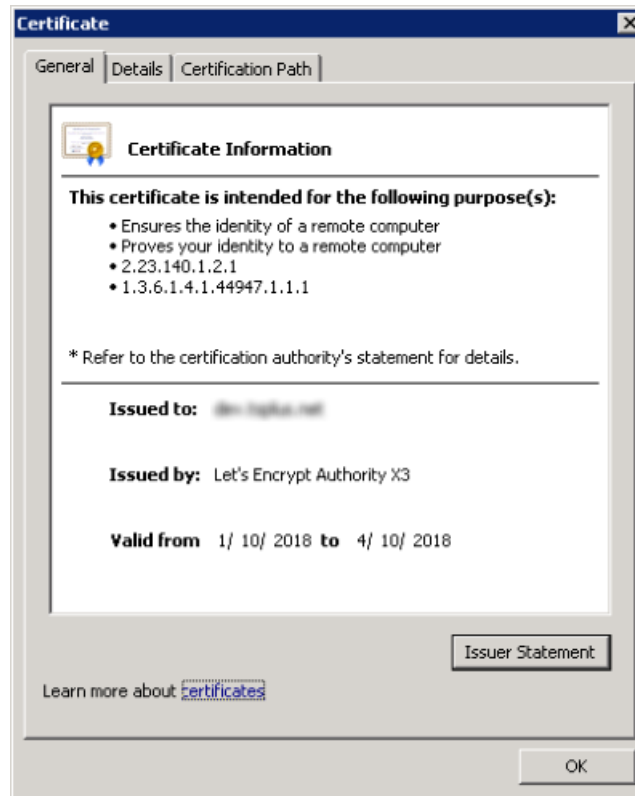
Note:

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

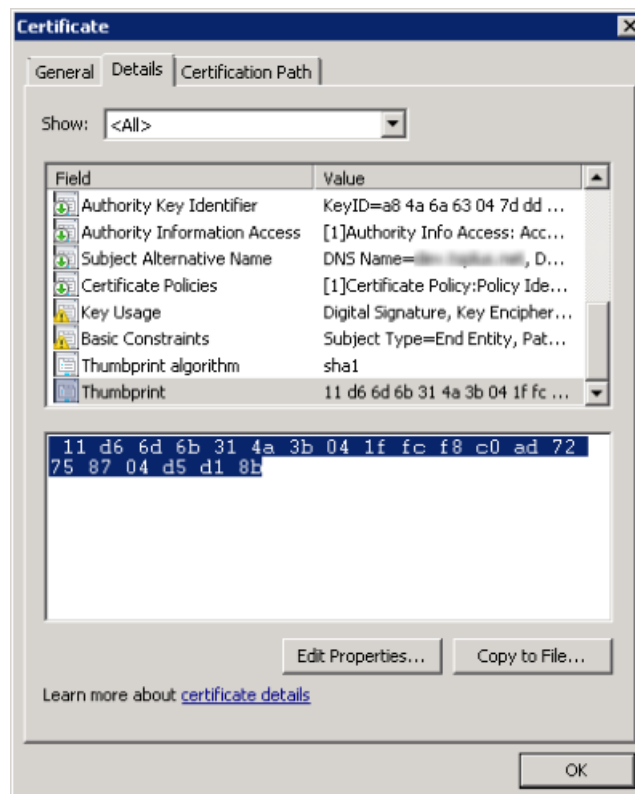
## Find the certificate thumbprint



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.



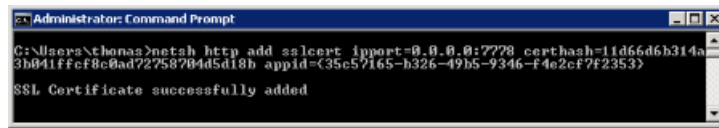
Copy the value of the **Thumbprint** property for the next steps.

## 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 appid={35c57165-b326-49b5-9346-f4e2cf7f2353}
```



The above command line takes the following parameters:

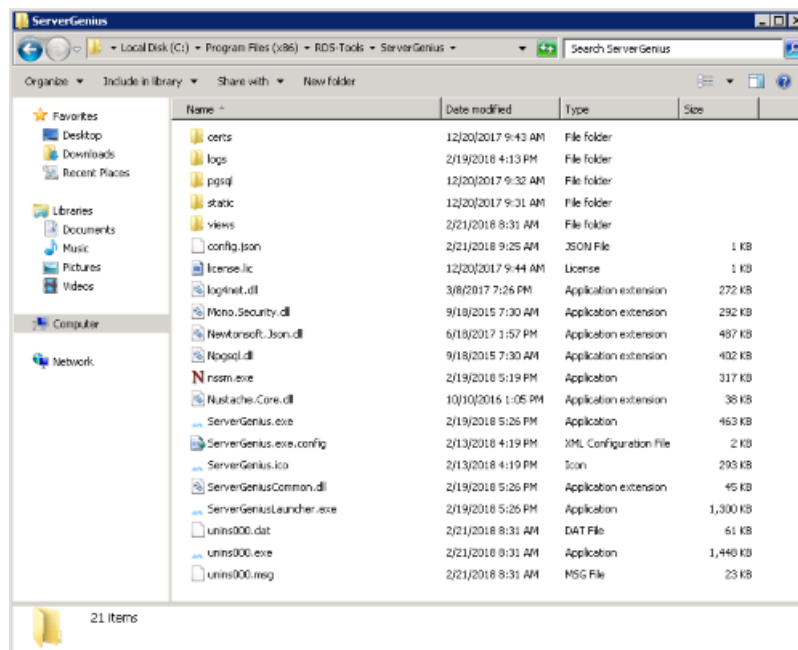
- **ipport** defines the IP address and port which should be configured for ServerGenius. By default, we suggest to use port 7778.
- **certhash** identifies the certificate by its thumbprint, found in the previous section.
- **appid** specifies the application ID. ServerGenius application ID is 35c57165-b326-49b5-9346-f4e2cf7f2353.

### 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 11d66d6b314a3b041ffc8c0ad72758704d5d18b /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": "VzHDqOIeKJge1YBQqdvxrv05pLXO9GGD",
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).

---



## 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.