



# SwarmSoft.SP2010HealthRules Help

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## Installation and Setup

Prerequisites:

[Microsoft SharePoint 2010 \(Foundation or Server\) or Search Server Express 2010](#)

64 Bit Windows 2008 or Windows 2008 R2 or (Windows Vista or Windows 7 for development farms)

## Installation

- Logon to a SharePoint server in the farm as the SharePoint farm administration account.
- Un-zip the SwarmSoft.SP2010HealthRules1.zip file to one of the SharePoint servers in a farm.
- Run the Install.cmd file. The SharePoint Timer Service and Central Administration application pool will restart when the installation finishes.

## Uninstallation

- Logon to a SharePoint server in the farm as the SharePoint farm administration account.
- Run the Uninstall.cmd file from an administrative command prompt (Start->Programs->Accessories->Right-click Command Prompt and choose "Run as administrator"). The SharePoint Timer Service and Central Administration application pool will restart when the installation finishes.
- Rules that have run and are listed in the Review Problems and Solutions page will still be listed. These items can be deleted from the list in Central Administration.

# Administration

## Description:

SwarmSoft SP2010 Health Rules 1 is a collection of 10 SharePoint 2010 health rules that will help keep your farm healthy and reduce support costs and downtime. When a health issue is found, a message will be created so that issues can be found and fixed. The included rules are listed below:

- A rule that checks for proxy settings on all servers in the farm. Proxy settings on the servers can create issues with communication between server web services.
- A rule that checks that time zone settings on all servers in the farm. Since all SharePoint servers should be geographically near, the servers should have the same time zone settings.
- A rule that checks if SharePoint is installed on Windows 2008 R2. This is the best platform to run SharePoint 2010 on.
- A rule that checks if the IIS 7.5 Best Practice Analyzer has been run. Many security and configuration issues can be found by running the IIS 7.5 Best Practice Analyzer.
- A rule that checks if IIS 7.5 configuration auditing is enabled. configuration auditing will track checks made to the IIS configuration. It is a good practice to enable this auditing.
- A rule that checks multi server farm IP addresses and default gateways to make sure all servers are in the same logical subnet.
- A rule that checks network latency between servers in a multi server farm. Latency over 180 milliseconds could cause performance issues.
- A rule that checks that antivirus settings are enabled to scan files on upload and download.
- A rule that checks that servers in a multi server farm can communicate through WMI.
- A rule that checks that the minimum hardware requirements are met for each server.

## Use:

Health rules are set to run on a schedule. Each rule runs on a different schedule and has its own severity. To view current issues browse to the Central Administration-Monitoring-Review Problems and solutions. After fixing an issue you can re-run a rule by clicking on the issue link and clicking Reanalyze Now.

## More Information

[SwarmSoft support page](#)

[Email SwarmSoft](#)