ServerStatus Installation and Operation Manual

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1 Introduction

1.1 Overview

ServerStatus application will display a window that shows the status of a list of servers, NAS, routers, etc... ServerStatus will 'ping' each server / network device once per minute to determine if it is 'online' or 'offline'.

1.2 Executive Summary

The major features of ServerStatus are as follows:
- ➤ Ping NAS (Network Attached Server)
- ➤ Ping any type of server by hostname or IP address
- ➤ Ping a range of IP addresses
- ➤ Licensed under Apache License 2
- ➤ Free to use but support is not included

1.3 Prerequisites
This section provides the minimum supported software levels.

1.3.1 Java
ServerStatus requires Java v1.5 or higher.

2 Installing ServerStatus

This section describes how to install Capitalware's ServerStatus.

2.1 Windows Installation

To install ServerStatus on Windows, do the following instructions:

- ServerStatus can be installed by running the install program called: **ServerStatus-setup.exe**
- The installer follows the standard Windows install procedures and provides default values for the user.
- When the install program has completed execution, there will be a newly created folder under *Start -> All Programs* called *ServerStatus*.
- To run ServerStatus, select the ServerStatus icon from within the ServerStatus folder.

2.2 Unix and Linux Installation

To install ServerStatus on Unix or Linux, unzip the **serverstatus.tar.zip** to an appropriate directory

Steps to install ServerStatus:
1. ftp or copy the selected serverstatus.tar.zip file to the target platform
2. Unzip the serverstatus.tar.zip
   `unzip serverstatus.tar.zip`
3. Un-tar the serverstatus.tar
4. `tar –xvf serverstatus.tar`
5. Change directory to *Capitalware/ServerStatus/*
6. Next, do the following command:
   `chmod +x *.sh`

3   Configuring ServerStatus

This section describes how to configure / edit the ***ServerStatus.txt*** file. On start up of ServerStatus, it reads a configuration file called ServerStatus.txt to gather the IP addresses and/ hostnames that will be "pinged".

Use a text editor (i.e. notepad) to update / change the ServerStatus.txt file.

The ServerStatus.txt file layout is as follows:

- '#' or ';' at the beginning of a line means the line is a comment line.
- **192.168.10.1** is a single IP address to monitor
- **192.168.10.[100-150]** is a range of IP addresses to monitor
- **xyzserver001** is a hostname of a remote server
- **abc001.acme.com** is a fully-qualified domain name

Note: The range value is only allowed for the 4th number of the IP address.
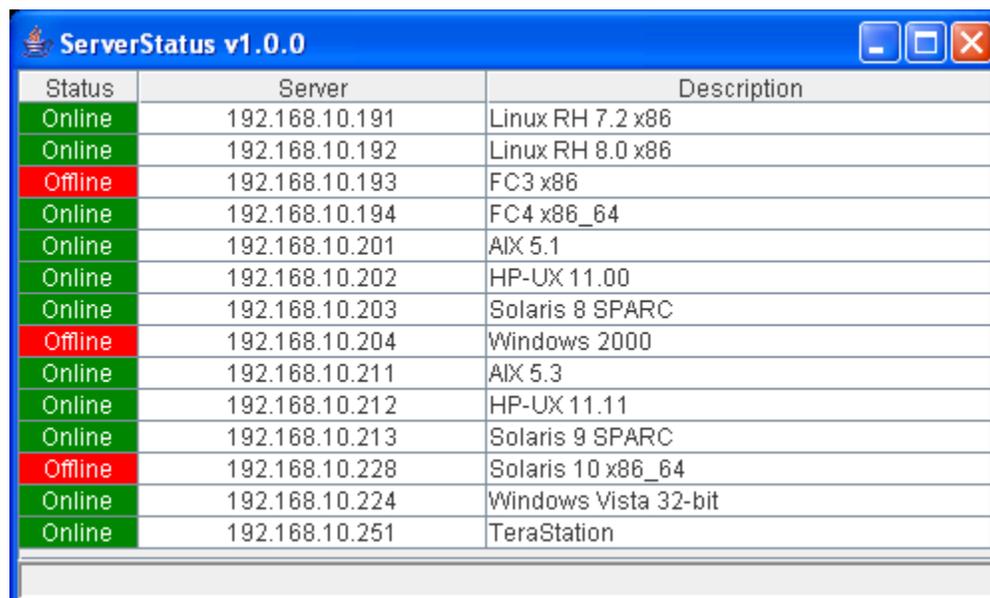
Add at least 1 space after the IP address / hostname to have a description included in the window.

3.1 Example

```
#
# This is a comment line
#
192.168.10.201    AIX 5.1
192.168.10.202    HP-UX 11.00
192.168.10.203    Solaris 8 SPARC
192.168.10.204    Windows 2000
192.168.10.[100-120]
#
```

4   Running ServerStatus

This section describes how to invoke ServerStatus. ServerStatus component will display a window that shows the status of a list of servers, NAS, routers, etc... ServerStatus will 'ping' each server / network device once per minute to determine if it is 'online' or 'offline'.

Status	Server	Description
Online	192.168.10.191	Linux RH 7.2 x86
Online	192.168.10.192	Linux RH 8.0 x86
Offline	192.168.10.193	FC3 x86
Online	192.168.10.194	FC4 x86_64
Online	192.168.10.201	AIX 5.1
Online	192.168.10.202	HP-UX 11.00
Online	192.168.10.203	Solaris 8 SPARC
Offline	192.168.10.204	Windows 2000
Online	192.168.10.211	AIX 5.3
Online	192.168.10.212	HP-UX 11.11
Online	192.168.10.213	Solaris 9 SPARC
Offline	192.168.10.228	Solaris 10 x86_64
Online	192.168.10.224	Windows Vista 32-bit
Online	192.168.10.251	TeraStation

4.1   Examples

4.1.1   Windows

To run ServerStatus on Windows, select *Start* -> *All Programs* -> *ServerStatus* -> *ServerStatus*

Or from a Windows Command Prompt do the following:

```
C:
cd \Capitalware\ServerStatus
ServerStatus.bat
```

4.1.2   Unix and Linux

```
cd Capitalware/ServerStatus
./ServerStatus.sh
```

5 Appendix A – ServerStatus Upgrade Procedures

To upgrade an existing installation of ServerStatus from an older version to a newer version, do please do the following in the appropriate section below.

5.1 Windows Upgrade

➢ Stop all instances of ServerStatus.
➢ Backup all ServerStatus data files in the ServerStatus install directory
➢ Un-install ServerStatus install
➢ Run the ServerStatus installer: ServerStatus-setup.exe
➢ Restore the ServerStatus data files if necessary

5.2 Unix and Linux Upgrade

➢ Stop all instances of ServerStatus
➢ Backup all ServerStatus data files in the ServerStatus install directory
➢ Delete the ServerStatus install directory
➢ Unzip serverstatus.zip archive
➢ Restore the ServerStatus data files if necessary

6   Appendix B – Support

The support for ServerStatus can be found at the following location (requires a support contract):

Online Help Desk Ticketing System at
www.capitalware.com/phpst/

By email at:
support@capitalware.com

By regular mail at:

> Capitalware Inc.
> Attn: ServerStatus Support
> Unit 11, 1673 Richmond Street, PMB524
> London, Ontario N6G2N3
> Canada

7 Appendix C – Summary of Changes

➢ ServerStatus v1.0.1
  o Issue a Ping command rather than use isReachable() method.

➢ ServerStatus v1.0.0
  o Initial release.

8 Appendix D – License Agreement

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