



WE KEEP IT GREEN®

Supermicro Server Manager (SSM)

Maximizes server uptime and health with minimal efforts from an Enterprise IT administrator

The Supermicro Server Manager utility monitors and manages a wide portfolio across multiple generations of Supermicro servers within a single console as in Figure 1 below.

SSM provides capabilities to monitor the health of server components including memory, hard drives and RAID controllers. It enables the datacenter administrator to monitor and manage power usage across all Supermicro servers allowing users to maximize their CPU payload while mitigating the risk of tripped circuit. Firmware upgrades on Supermicro servers became easier now with a couple of clicks. Administrators can now mount an ISO image on multiple servers and reboot the servers with those images. The tool also provides pre-defined reports and many more features that will make managing Supermicro servers simpler.

BENEFITS

- Easy to use console reduces deployment time of Supermicro servers to hours
- Upgrade and Configuration commands on multiple machines in parallel exponentially reduces hardware maintenance time
- Single tool installation and single console to harness the advantages of multiple features
- CLI and WebUI provides options to integrate Supermicro server management in existing framework
- Support for open source Nagios Plugins leverages existing work from the community
- Available plug-ins that integrates SSM into your existing cloud infrastructure: Microsoft SCOM and VMware vCenter

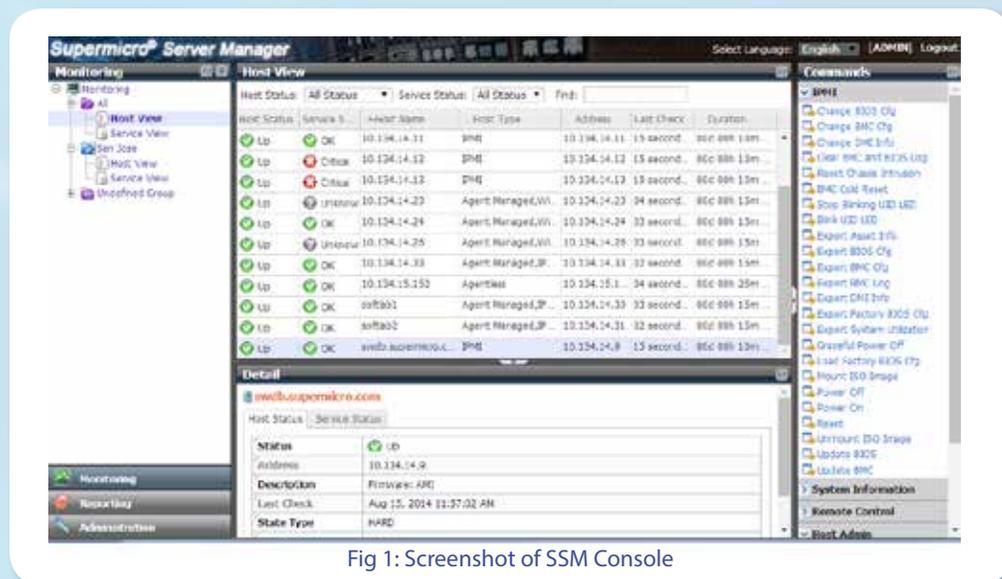


Fig 1: Screenshot of SSM Console

Key Features

1. Monitor Server hardware and service health. Upgrade Server BIOS and IPMI firmware and configurations
2. Groups together server clusters spread across different networks and manage remotely as in Figure 2
3. SSM Call-Home: Automated alert on hardware failure to Supermicro
4. Check Asset information (SD5 should be installed)
5. Check System utilization through IPMI (Only available on X10)
6. Mount bootable iso image to install operating systems
7. Flexibility to monitor and manage power on a node or in a rack across your datacenter with configurable policies
8. Remote console to target machines through VNC
9. Log and Report the server information and availability
10. Update SuperDoctor5 on target systems
11. Administer E-mail alerts through SMTP protocol

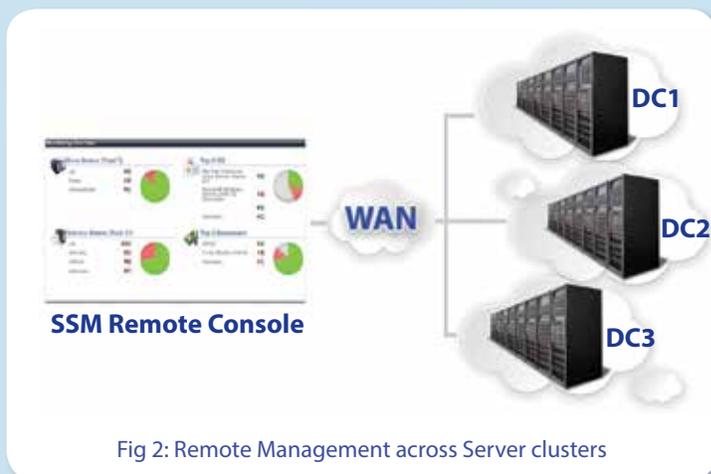


Fig 2: Remote Management across Server clusters



Supermicro Server Manager (SSM)

SSM Call-Home

Benefits:

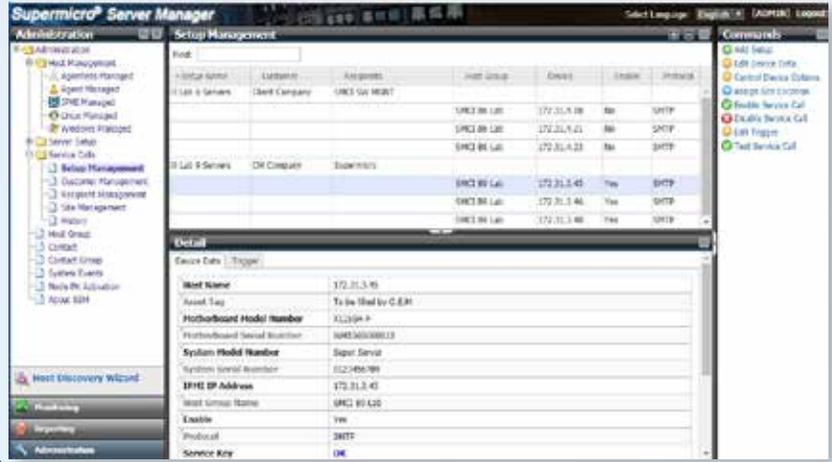
- Proactive alert on hardware failure
- Streamline support for hardware issue
- Higher availability of hardware

Features:

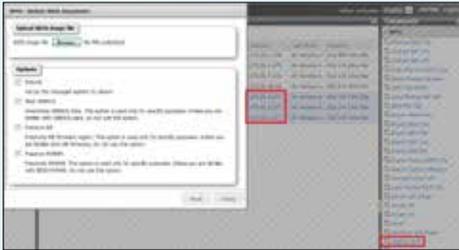
- Ability to group servers and add local ADMIN contacts
- Flexibility to configure triggers - Individual server/ Group
- Two level trigger notification:
 - Alerts local admin and configurable
 - Alert Supermicro (requires valid official Supermicro support entitlement)

Requirements:

- Complete system purchase only (X10 Gen or later)
- Supermicro official service entitlement
- SFT-DCMS-Single and SFT-DCMS-SVC-KEY for every node



Common Use Cases Scenarios



Upgrade BIOS on server clusters in less than 10 minutes*

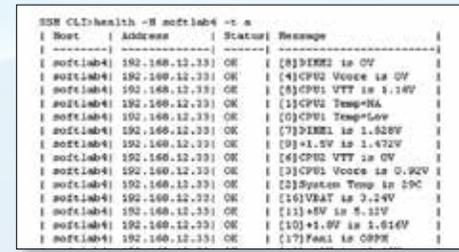
** Depends on remote machines CPU, memory and network speeds*



Generate history reports to understand server's health helping administrators take pro-active steps to mitigate business impact



Optimize power consumption in datacenter operations with custom policies



Integrate Supermicro Server Manager in existing Datacenter infrastructure framework with rest APIs

Hardware and Software Requirements

HARDWARE	X86 Server, 200 MB free disk space, 64 MB available RAM, Ethernet network interface card
Operating System	Red Hat Enterprise Linux Server 5.x 64-bit, Red Hat Enterprise Linux Server 6.x 64-bit, SUSE Linux Enterprise 11.x 64-bit, Windows 2003 Server R2 64-bit, Windows 2008 Server R2 64-bit
Browser	Internet Explorer 8.x or higher, Firefox 3.x or higher
Screen Resolution	1024 x 768

Order Information

SKU: SFT-DCMS-Single and SFT-DCMS-SVC-KEY

Please contact your Supermicro Sales representative or your local authorized reseller for more information.

Website: http://www.supermicro.com/products/info/SMS_SSM.cfm

