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.

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. Check Asset information (SDS should be installed)
4. Check System utilization through IPMI (Only available on X10)
5. Mount bootable iso image to install operating systems
6. Flexibility to monitor and manage power on a node or in a rack across your datacenter with configurable policies
7. Remote console to target machines through VNC
8. Log and Report the server information and availability
9. Update SuperDoctor5 on target systems
10. Administer E-mail alerts through SMTP protocol

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

Fig 1: Screenshot of SSM Console

Fig 2: Remote Management across Server clusters
Common Use Cases Scenarios
Integrate Supermicro Server Management in existing Datacenter infrastructure framework with CLI option

Upgrade BIOS on server clusters in less than 10 minutes*
* Depends on remote machines CPU, memory and network speeds

Optimize power consumption in datacenter operations with custom policies

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

Hardware and Software Requirements

<table>
<thead>
<tr>
<th>HARDWARE</th>
<th>X86 Server, 200 MB free disk space, 64 MB available RAM, Ethernet network interface card</th>
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<tbody>
<tr>
<td>Browser</td>
<td>Internet Explorer 8.x or higher, Firefox 3.x or higher</td>
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<tr>
<td>Screen Resolution</td>
<td>1024 x 768</td>
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</tbody>
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Order Information
SKU: SFT-DCMS-Single
Trial Version: 45 day period (Firmware upgrade functionality not available in trial license)
Please contact your Supermicro Sales representative or your local authorized reseller for more information.
Website: http://www.supermicro.com/products/info/SMS_SSM.cfm