

R421

R422

R422-INF

HOW TO: Replace the AOC-
SIMSO IP Address

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R421

R422

R422-INF

HOW TO: Replace the AOC-SIMSO IP
Address

Hardware

July 2007

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Preface

This HOW TO explains how to configure the AOC-SIMSO or AOC-SIMSO+ IP address for the following servers:

- NovaScale Universal R421
- Novascale Universal R422
- Novascale Universal R422-INF

Intended readers

This HOW TO is written for very qualified user's or Bull SAS support technicians.

Chapter 1. How to replace the AOC-SIMSO or AOC-SIMSO+ IP Address

1.1 Hardware installation

For the Hardware installation of an AOC-SIMSO or AOC-SIMO+ IPMI add-on card, see Bull's

NovaScale R42x AOC-SIMSO/SIMSO+ *Installation and User's Guide* (86 A1 96ET 00).

1.2 Reminders

There is neither a Floppy Disk drive nor a CD/DVD drive on a **NovaScale Universal R421**, **Novascale Universal R422** or **Novascale Universal R422-INF** servers.

1.3 Manufacturing configuration

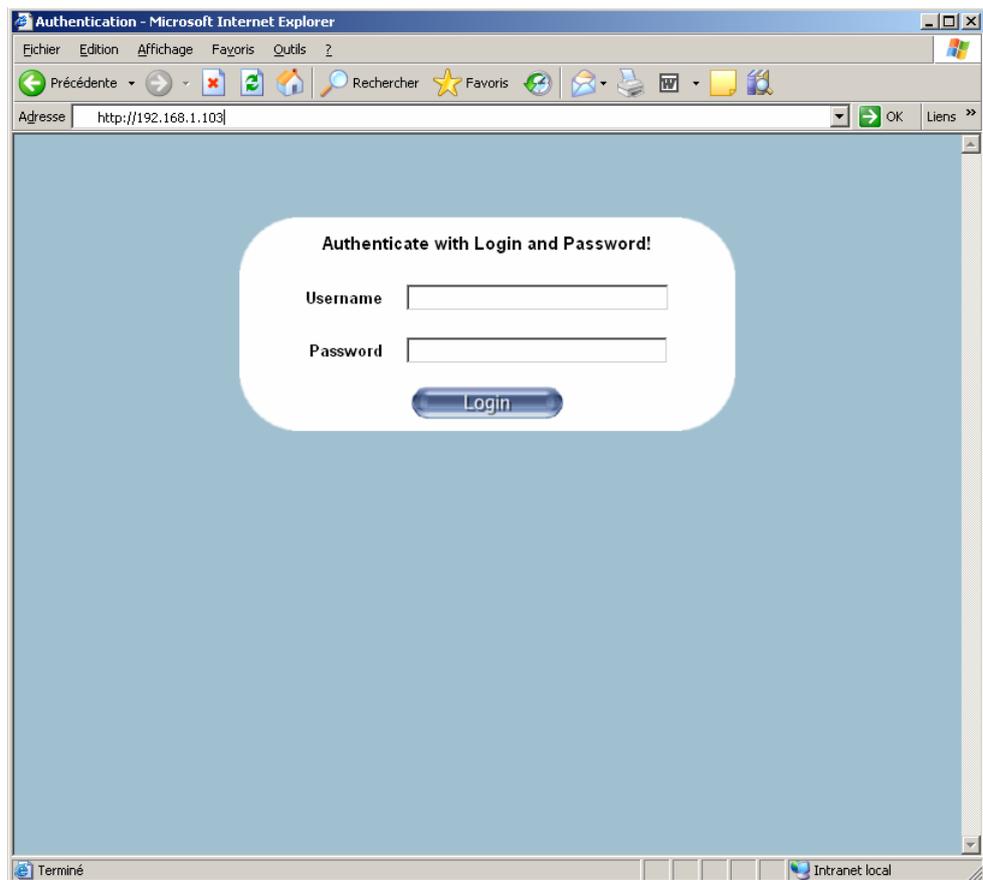
The **NovaScale Universal R421** or **NovaScale Universal R422** servers are delivered with a label attached which indicates both the MAC address and the default IP address.

The default AOC-SIMSO or AOC-SIMSO+ IP address is: 192.168.1.1XX, with XX being the number of the server in your cluster.

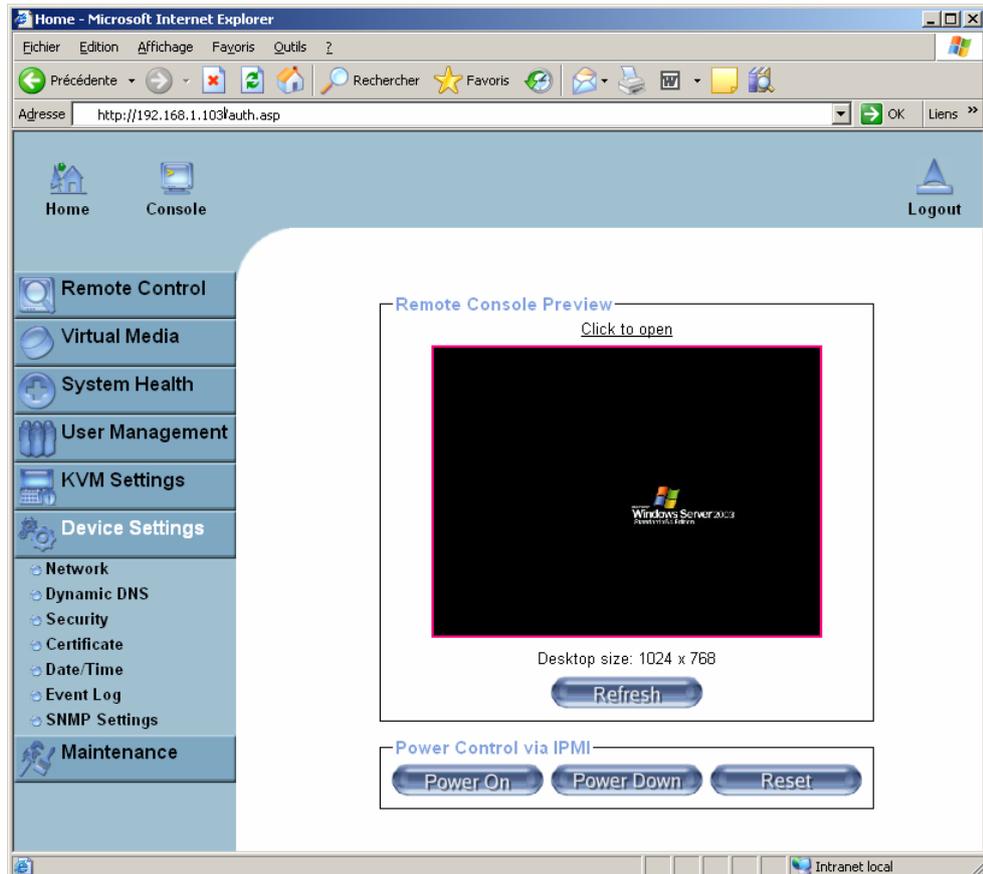
Chapter 2. How to replace the AOC-SIMSO or AOC-SIMSO+ IP Address by means of a Web Browser

To replace the AOC-SIMSO or AOC-SIMSO+ IP address carry out the following steps.

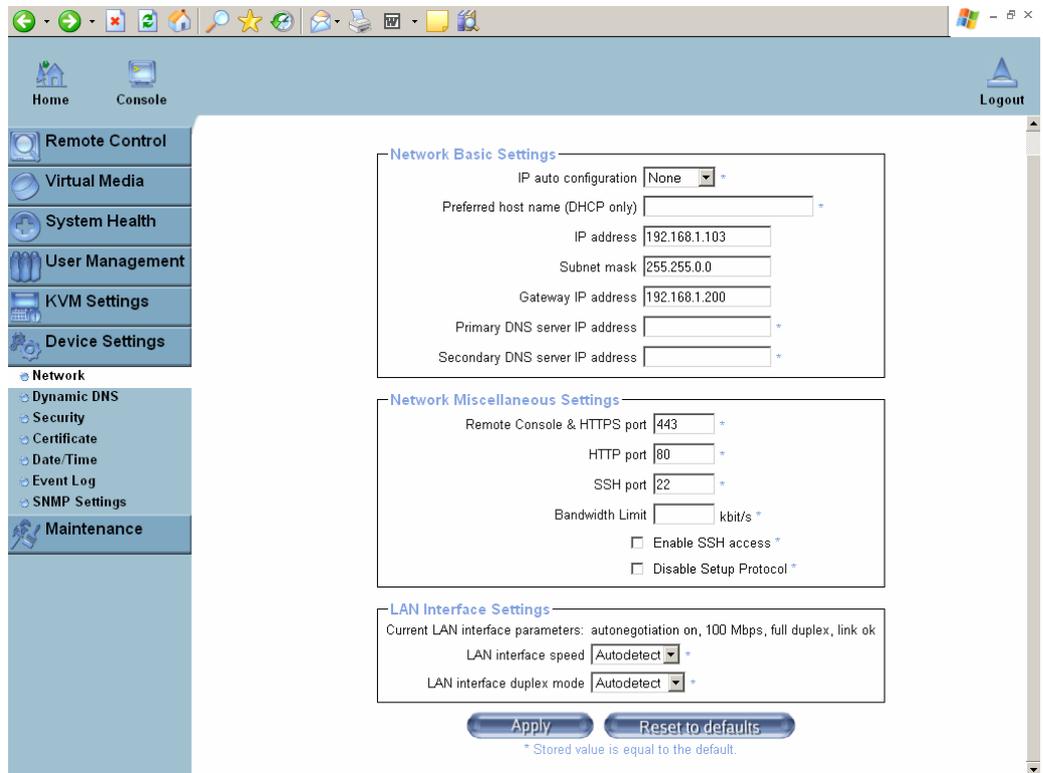
1. From another server, which can access the network (192.168.1.*), type in the IP address that you want to connect to in the address bar in the browser.
2. Once the connection is made, the Log In screen is displayed, as shown below.



3. To log onto the target AOC-SIMSO or AOC-SIMSO+ IPMI card
 - Type in your Username in the **Username** box (the default is ADMIN)
 - Type in your password in the **Password** box (the default is ADMIN)
 - Click on **Login**
4. The Home Page, below, is displayed.



5. Click on **Device Settings** on the Home Page to activate its submenus.
6. Click on **Network**



7. Change the IP address in the **Network Basic Settings** box.

Please use an IP address that is different from all the other IP addresses (IP addresses of all the other AOC-SIMSO or AOC-SIMSO+ cards in your cluster, AND of all the other IP addresses which are assigned to the GLAN1 and GLAN2 entries for all the other servers in your cluster).

8. Click on the **Apply** button.

Chapter 3. How to replace the AOC-SIMSO or AOC-SIMSO+ IP Address by means of the IPMIview application

3.1 IPMIview installation

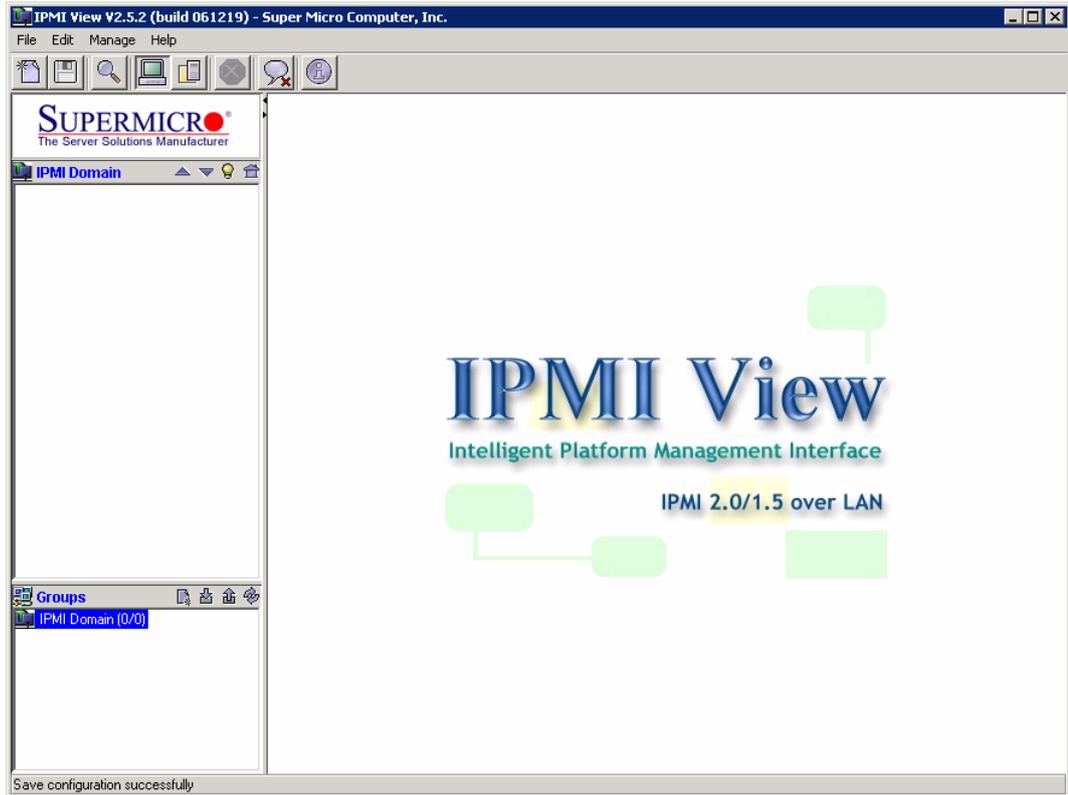
See the *IPMIview User's Manual* (file `Manuals \IPMIView20.pdf` on `CDR-SIMIPMI_1.10_SIM_IPMI.iso`)

Install IPMIview on a server that can access the network with the IP address 192.168.1.*
This is done by running the
`\IPMI_Solution\Windows\Administrator\IPMIView25setupwin32.exe` file, on the `CDR-SIMIPMI_1.10_SIM_IPMI.iso` image, on this server.

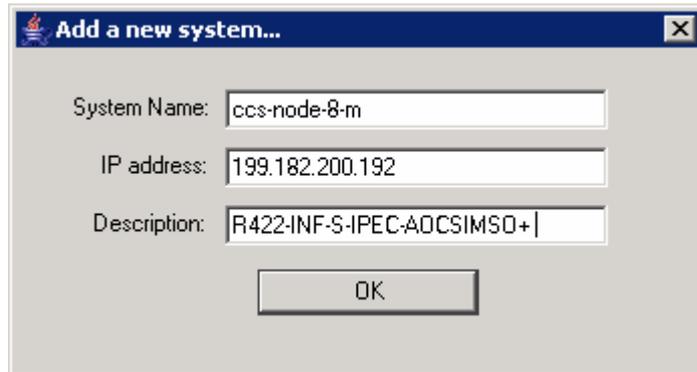
3.2 Logging in to the target AOC-SIMSO or AOC-SIMSO+ card

1. Launch the IPMIview.exe program on the server that can access the 192.168.1.* network.

The first window that appears is shown below:

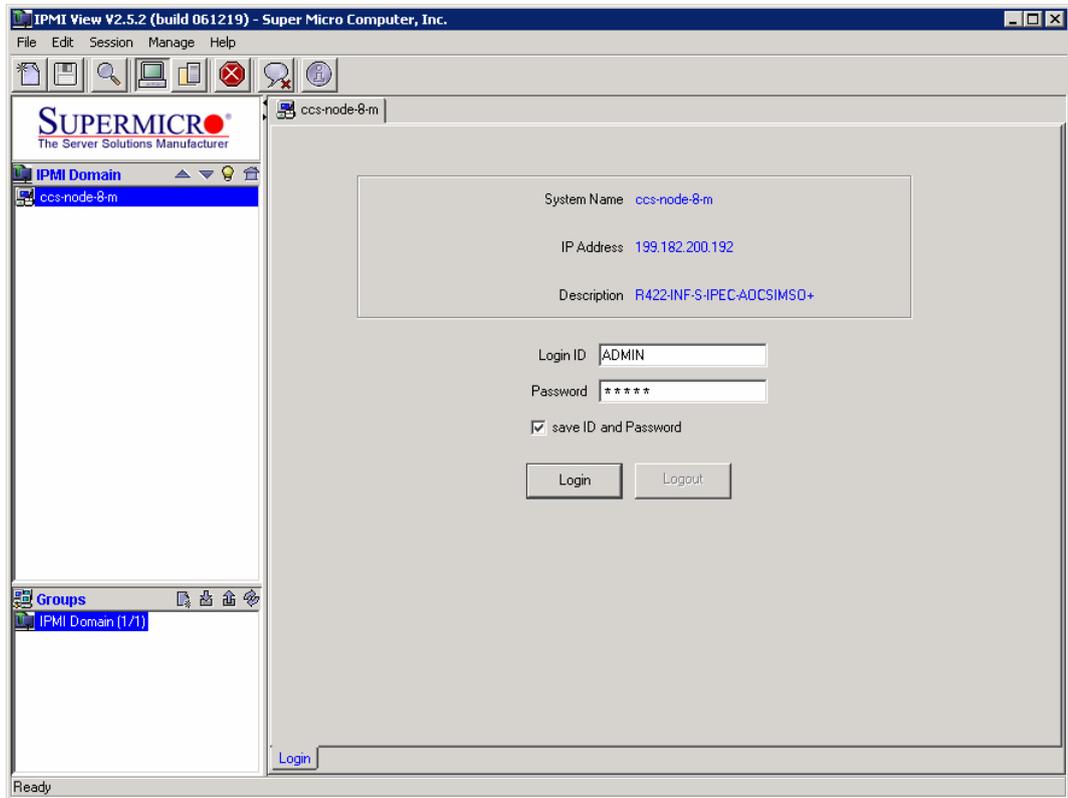


2. Add the AOC-SIMSO or AOC-SIMSO+ target to the IPMI Domain
 - Click on **File ->New ->System**
 - Type in the AOC-SIMSO or AOC-SIMSO+ hostname in the **System Name** box
 - Type in the AOC-SIMSO or AOC-SIMSO+ current (old) IP address in the **IP address** box
 - Type in a system description in the **Description** box

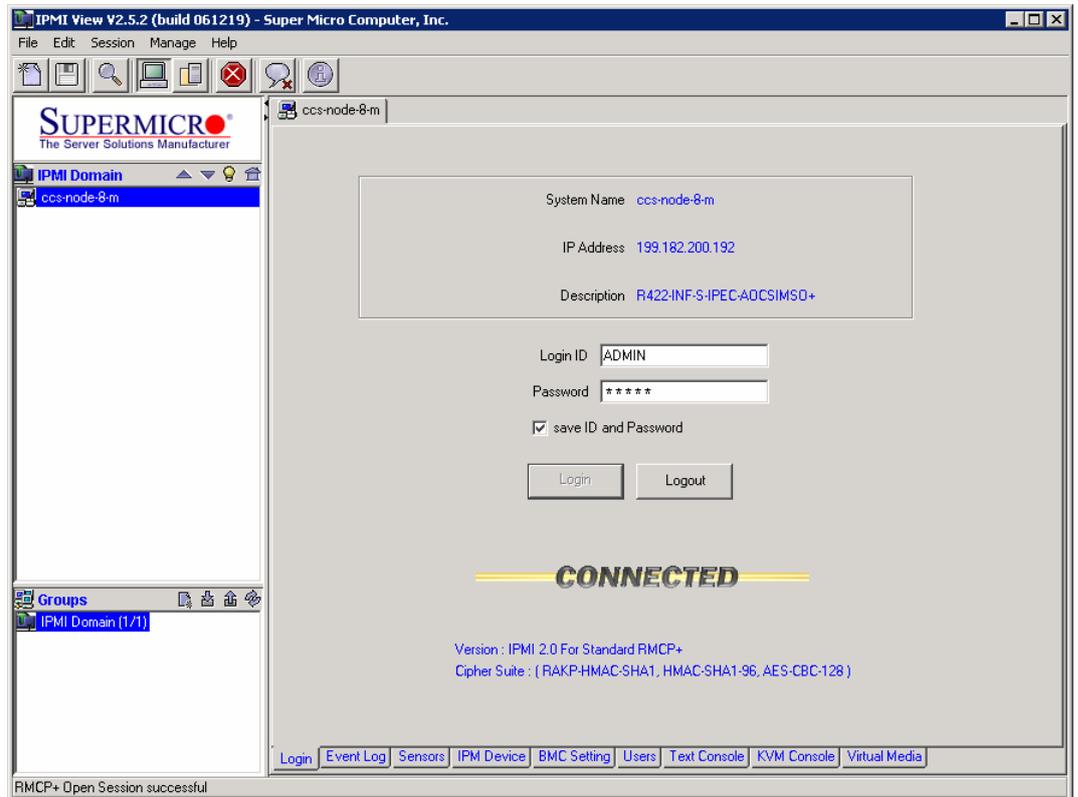


3. Log in

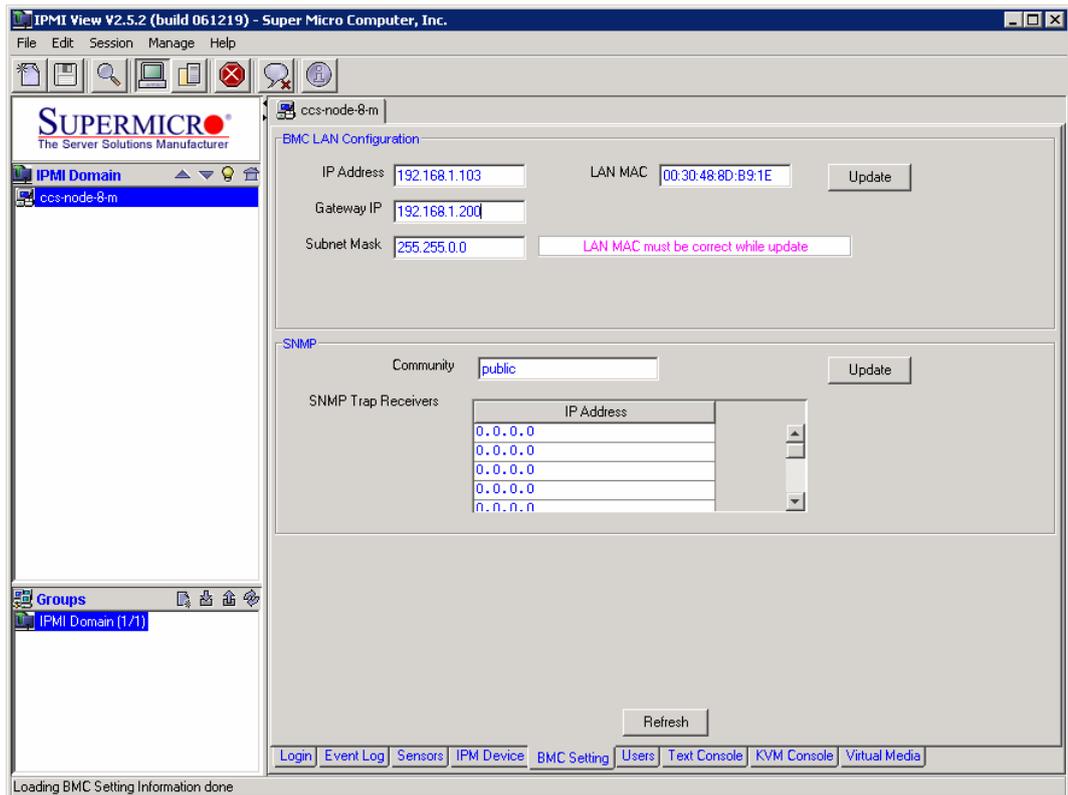
- Type in your Username in the **Login ID** box (default is ADMIN)
- Type in your password in the **Password** box (default is ADMIN)
- Click on **Login**



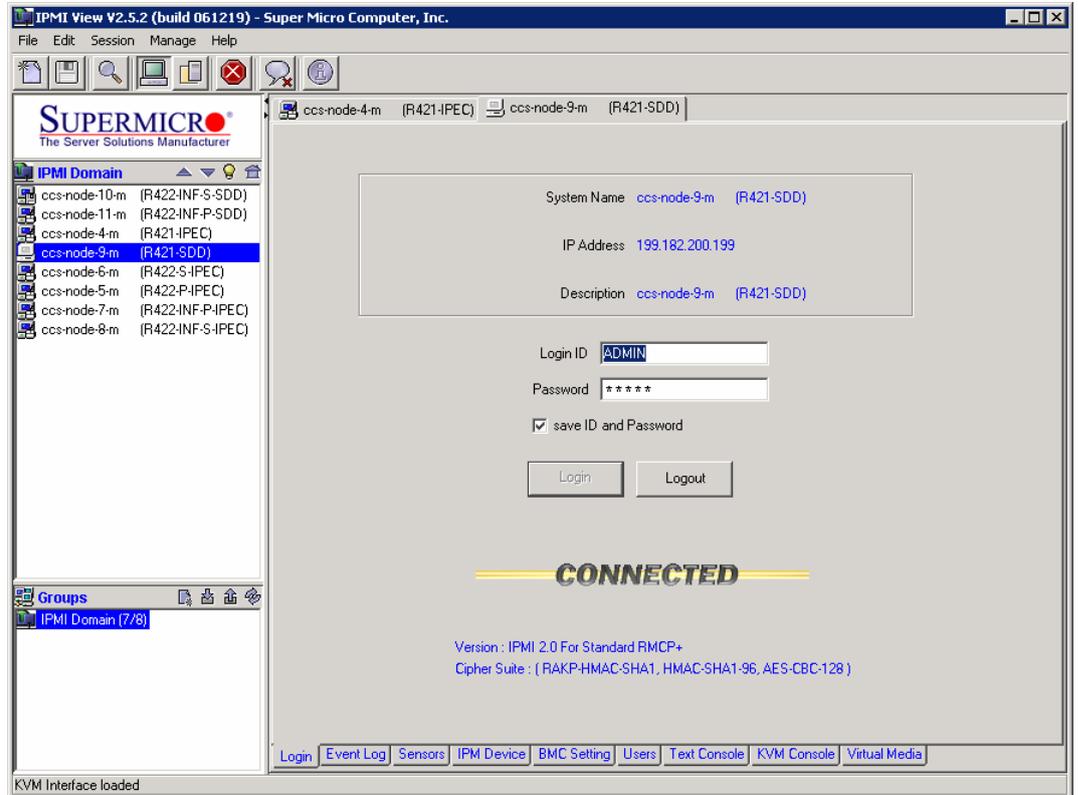
4. Once connected the window below appears.



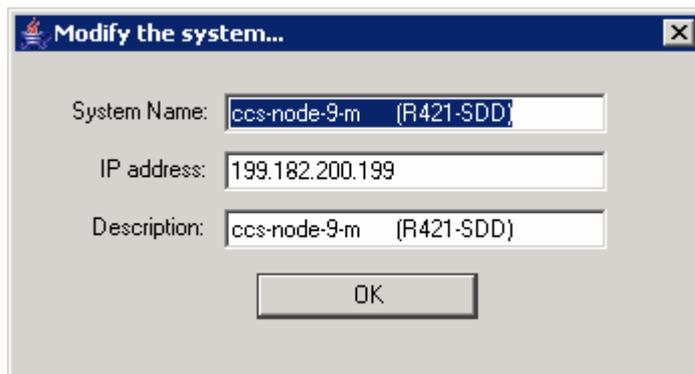
5. Click on the **BMC Setting** tab
 - Enter the new AOC-SIMSO or AOC-SIMSO+ IP address in the **IP Address** text box in **BMC LAN Configuration** box.
 - If necessary, edit **Gateway IP**, **Subnet Mask** and **LAN MAC** addresses.
 - If necessary, type in the new AOC-SIMSO or AOC-SIMSO+ Gateway IP addresses in the **Gateway IP** address box
 - Click on the **BMC LAN Configuration ->Update** button



6. Close the session
 - Click on the **Login** tab
 - Click on the **Logout** button



7. Modify the system properties
 - Replace the old IP address with the new IP address.



Technical publication remarks form

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