Technical Information Document



| Document Title: | How to extract IPMI log from Linux including VMware ESX (ONLINE method) |
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| Document ID: | TID0710031501 |
| Creation Date: | 3 October 2007 |
| Modified Date: | 16 Nov. 2007 |
| Document Revision: | 1 |
| Product Class: | Server with BMC under Linux or VMware with ESMPRO agent installed |
| Product and Version: | Linux including VMware ESX |
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Requirements

In order to produce the IPMI log file, the following conditions are required:

- Servers with BMC (be careful, some servers have optional BMC)
- Linux Operating System or VMware ESX
- ESMPro Agent Installed

Procedure

- 1. On server, logon with a root user
- 2. Set the value of the LANG parameter with the following command "export LANG=en_US"

[root@localhost root]# export LANG=en_US [root@localhost root]# /opt/nec/esmpro_sa/bin/xrasutil_

4. In the utility, select "Back up the current IPMI information" and press ENTER

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|-----|-------------|---------|--|--------------------|-----------------|------------------|--------|------|-----|--------------------|-------|
| | | | Display <mark>Back up</mark> Display | the cur the cur | rrent IP | 11 inf 11 inf | | | | | |
| | | | | | Ok | | | | | | |
| | | | | | | | | | | | |
| Use | <tab></tab> | between | elements | I Use | <space></space> | draw | the su | bkey | Use | <enter> st</enter> | ep fo |

5. Leave the default Backup File Name, add a comment in English (including the Serial Number of the machine), press TAB to highlight the OK button and press ENTER

| | IPMI Information Backup |
|---|--|
| | Backup File Name |
| | <pre>/opt/nec/esmpro_sa/log/ipmi.dat</pre> Comment (English Only) Enter a server model name, description of a failure,etc. 308025250001 Kernel Panic under stress test |
| | Cance 1 |
| Use <ta< td=""><td>b> between elements Use <space> draw the subkey Use <enter> step f</enter></space></td></ta<> | b> between elements Use <space> draw the subkey Use <enter> step f</enter></space> |

6. Press ENTER on the OK button

| | Backup File Nam /opt/nec/esmpro Comment (Englis Enter a server B08025250001 Ke | IPMI Informatio | | a i lure, etc | |
|--|--|-----------------|----------------------|--------------------|-------------------------|
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7. Press TAB to highlight the OK button and press ENTER to leave the utility

| | | | ESRAS Utility Display the current IPMI information Back up the current IPMI information Display a backup file | | | | | | | | | |
|-----|-------------|---------|--|-------|-----------------|------|-----|--------|-------|-----------------|------|----|
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8. Send the IPMI.DAT file to Bull support. Make sure to mention Serial Number and technical problem in mail

See also

TID0710031501 - How to extract IPMI log from Linux including VMware ESX TID0603081022 - How to extract IPMI log from Windows TID0604210929 - How to extract IPMI log from DOS TID0710031500 - How to create log files on Server with ESMPro Agent from Linux including VMware ESX (COLLECT) TID0408121449 - How to create log files on Server with ESMPro Agent from Windows (COLLECT)

Document owner:COE ServersApplies to:Server with BMC under Linux or VMware with ESMPRO agent installed