Intel® System Management Software 3.5

Release Notes

March 2009

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Contents

1. Package Contents

Product Version	Intel® Server Management Solution 3.5
Build #	SMS 3.5 Build 18
Upgrade Version	SMS 3.5
Microsoft* System Center Essentials	System Center Essentials SP1 90-day trial version (English only)
Intel® Server MP	V 3.5.0 Build 18
Intel® Server Management Pack for Linux* OS	V 1.0.0 Build 18
Intel® Modular Server MP	V 1.1 Build 0302/MP_1.1_4
Intel® AMT MP	V3.0.6.10
Intel® Active System Console (L1 Console)	V3.5 Build 18
Intel® Baseboard SNMP Sub-agents	Latest
Linux* BMC Configuration Utility	V1.5
LSI RAID SNMP Sub-agents – Linux*	Legacy v3.10-0002/ SAS v3.16-1004/ SAS IR v3.16-1005
LSI RAID SNMP Sub-agents – Windows*	Legacy v3.11-0003/SAS v3.16-0104 / SAS IR 3.16-0105
LSI RAID CIM Agents – Windows*	Legacy v1.23-0000/ SAS V1.16-0104/ SAR-IR v1.16-0100
One-Flash Utility	V9.70 Build 08
DPC-CLI	V2.4
LSI RAID Web Console (RWC/RWC2)	V2.8-00-2/V2.64-00

2. Supported Management Servers

- Microsoft® System Center Essentials 2007* SP1 OEM Build
- Microsoft® System Center Operations Manager* RTM Build
- Microsoft® System Center Essentials 2007* OEM Build

3. Supported Operating Systems

Management Server for SCE (All Editions)*

Microsoft® Windows* Server 2003 Standard/Enterprise Edition – SP2 - X86 & EM64T

Microsoft® Windows* Server 2003 Standard/Enterprise - R2 - X86 & EM64T

Microsoft® Windows* Server 2008 X86 &EM64T

Microsoft® Windows* Server 2003 SBS

Microsoft® Windows* Server 2003 R2

Microsoft® Windows* Essential Business Server 2008 (Centro)

Managed Node for Small Network Edition and Standard Edition Versions of SCE*

Microsoft® Windows* Server 2003 Standard/Enterprise Edition – SP2 - X86 & EM64T

Microsoft® Windows* Server 2003 R2 - x86 & EM64T

Microsoft® Windows* XP Professional SP2 - x86 & EM64T

Microsoft® Windows* Vista Enterprise - x86 & EM64T

Microsoft®Windows* Server 2008 x86/EM64T

Microsoft® Windows* Server 2003 SBS

Red Hat* Linux* Enterprise 4 Update 4 32-bit

Red Hat* Linux* Enterprise 4 Update 4 64-bit

Red Hat* Linux* Enterprise 5 32-bit

Red Hat* Linux* Enterprise 5 64-bit

SuSE* Linux Server 9 Enterprise Server SP4 – 32-bit

SuSE* Linux Server 9 Enterprise Server SP4 – 64-bit

SuSE* Linux Server 10 Enterprise Server SP2 – 32-bit

SuSE* Linux Server 10 Enterprise Server SP2 – 64-bit

Console Only for Small Network Edition and Standard Edition Versions of SCE*

Microsoft® Windows* Server 2003 SP2 - X86 & EM64T

Microsoft® Windows* Server 2003 R2 - X86 & EM64T

Microsoft® Windows* XP Professional SP2 - X86 & EM64T

Microsoft® Windows* Vista Enterprise - X86 & EM64T

Microsoft® Windows* Server 2003 SBS

Note:

- The Operating Systems supported by OFU are listed in a separate release notes for OFU (*OFU_ReleaseNotes.txt*).

4. **Supported Server Platforms**

   4.1. **Intel® Modular Server Management Pack version 1.1**

   - Intel® Modular Server Platform
       - Up to CMM firmware drop P2-7

4.2. Intel® Server Management Pack version 3.5

- Intel® Server Board S5520UR
- Intel® Server Board S5500BC
- Intel® Server Board S5520HC
- Intel® Server Board S5500HCV
- Intel® Server Board S5500WB
- Intel® Workstation Board S5520SC
- Intel® Server Board SE7320SP2
- Intel® Server Board SE7320VP2
- Intel® Server Board SE7520AF2
- Intel® Server Board SE7520BD2
- Intel® Server Board SE7520JR2
- Intel® Server Board SE7525GP2
- Intel® Server Platforms SR6850HW4M and SR4850HW4M
- Intel® Server System S7000FC4UR
- Intel® Server Board S5000PAL
- Intel® Server Board S5000PSL
- Intel® Server Board S5000VSA
- Intel® Server Board S5000XVN
- Intel® Server Board S5000XSL
- Intel® Server Board S5000SAL
- Intel® Server Board S5400RA
- Intel® Server Board S5400SF
- Intel® Server Board S3210SH
- Intel® Server Board X38ML
- Intel® Modular Server

Note: For Intel® Modular Server Management Pack

4.3. Intel® Active Management Technology Management Pack 3.0

- Intel® Core™ 2 Processor with vPro™ and Intel® Centrino® with vPro™ systems

5. **RAID CARD Supported:**

- **Intel ® Server RAID Controllers**

  Legacy Controllers
  - SRCS16
  - SRCU42X RAID
  - SRCU42E
  - SRCS28X
  - SRCU41L

  SAS/SATA RAID Controllers
  - SRCSAS18E
  - SRCSAS144E
  - SRCSASJV
  - SRCSASRB
  - SRCSATAWB
  - SRCSASPH16I
  - SRCSASBB8I
  - SRCSASLS4I
  - SASMF8I
  - SASWT4I
  - SASUC8I
  - AXX4SASMOD(Entry HW RAID Mode)

- **Intel ® Embedded Server RAID Technology II**
  - Software RAID – ESB2 SATA RAID
  - Software RAID –LSI 1064e SATA/SAS RAID
  - Software RAID – ICH10R
  - Software RAID – AXX4SASMOD

- **Intel ® Integrated RAID Technology**
  - SAS ROMB Implementation on S5000PAL/S5000PSL/SR6850HW4M/SR4850HW4M
  - FFCSASRISER (S7000FC4UR SAS Riser)
  - FALSASMP2 (S5000PAL, S5520UR)
  - SROMBSASMR (SAS ROMB on S5520HC/S5500HCV/S5520SC/S5520UR/S5500WB)

6. Supported Languages

- Auto-run and installer pages completely localized
- Intel® AMT Management Pack v3.0
    - English
- Supported languages for Intel® Modular Server Management Pack, Intel® Server Management Pack and Intel® Active System Console
    - English
    - Brazilian Portuguese
    - Chinese Simplified
    - Chinese Traditional
    - French
    - German
    - Italian
    - Japanese
    - Korean
    - Russian
    - Spanish

Notes:

Intel® Active System Console 3.5 is not completely localized; parts of strings of IASC interface and human readable SEL are still English.

Intel® Server Management Pack 3.5 is not completely localized; the contents in Intel® Agent Managed Servers (Linux*) are still English.

7. Features

7.1. Intel® System Management Software 3.5

- Integrated installer for Microsoft® System Center Essentials 2007 SP1* Trial version and all Intel management packs
- Listed Intel components in *Start* menu. *About Intel® SMS Utility* gives the version numbers of Intel components installed
- *About Intel® SMS Utility* gives an option to check for updates of Intel components installed if Server is connected to the Internet
    - o This utility will not be available for Managed Node Agent-only installations.

7.2. Intel® Server Management Pack version 3.5

- Installation/ Un-installation

    o Install only on BMC and iBMC Servers

    o Auto configuration of BMC during install

    o Install Intel® Server Management Pack with Microsoft® System Center Operations Manager* (SCOM RTM)

    o Includes Intel® Server Management Pack for Linux* OS

- RAID Discovery (In Band)

  The following components would be discovered in the RAID Discovery module

    1. RAID Adaptor
    2. RAID Battery Backup Unit
    3. RAID Enclosure
    4. RAID Arrays
    5. RAID Physical Drive
    6. RAID Virtual Drive
    7. RAID Enclosure Sensors – Temperature and Power Supply

- In-Band Tasks

    - Intel® Server: Power Shutdown – Graceful

    - Intel® Server: Power Reboot – Graceful

    - Intel® Server: Command Line Interface (CLI)

    - Intel® Server: Update Password for Agentless Management

    - Intel® Server: Reset - Forced

    - Intel® Server: Power off - Forced

    - Intel® Server: Power up

    - Intel® Server: RMM Web Console

    - Intel® Server: Active System Console

    - Intel® Server: Console Redirection (SOL)

    - Intel® Server: Console Redirection (SOL) w/ reboot

- Health & Monitoring

- Events in Windows Event Log mentioned in Section 7.3 of Intel® SMS 3.5 EPS

- Events in Windows Event Log mentioned in Appendix A of Intel® SMS 3.5 EPS

- State change of sensor instances and alerts corresponding to monitors defined in Section 9.5 of EPS. (Including latest event descriptions provided by HRSEL)

- Auto clear and backup of SEL when it is 80% full.

- Views

  - Intel® Agent Managed Servers

    - o Intel Server State

    - o Intel Hardware State

    - o Intel Hardware Alerts

    - o Intel Hardware Diagram View

    - o Power Consumption (Watts)

  - Intel® Agent Managed Server (Linux)

    - o Alerts

    - o Configuration

    - o Diagram View

    - o Server State

  - Intel® Agentless Servers

    - o Configuration

    - o Alerts

    - o Hardware State

    - o Power Monitoring, includes Groups and Power Monitoring

- Intel® Active System Console

  - A summary page showing components and overall health

  - Hardware information, includes Sensors, SEL, FRU, Processor, Memory and Storage

  - BMC configuration, includes LAN, SOL, Password, Power Options, Boot Options, Node Manager and Alerting

- Agentless Computer Discovery

- Discover BMCs in the IP Address range given

- Select Servers(BMC) to be monitored

- Update Password

- Update Server Name

- Submit discovered BMCs for monitoring

- Agentless Computer Tasks

  - Intel® Server: Command Line Interface (CLI)

  - Intel® Server: Update Password for Agentless Management

  - Intel® Server: Reset - Forced

  - Intel® Server: Power off - Forced

  - Intel® Server: Power up

  - Intel® Server: RMM Web Console

  - Intel® Server: Active System Console

  - Intel®) Server: Console Redirection (SOL)

  - Intel® Server: Console Redirection (SOL) w/ reboot

  - Intel® Server: Assign Name to Server

7.3. Intel® Modular Server Management Pack version 1.1

- Installation/ Un-installation

  o Stand-alone installer

  o Separate installer for X86, X64

  o Support for Microsoft® Windows* Server 2008

  o Support for Intel® Modular Server MP Firmware at SRA + 90 days drop

- Discovery of Intel® Modular Server Chassis

  o Discovery wizard is implemented

  o Discovery of Intel® Modular Server Components and Management data runs every 1 hour (overridable)

- Views

- Diagram View

  o Power Modules, Cooling Modules, and Storage Controller

  o Server Modules, Switches, and CMMs

  o Storage System – HDDs, Virtual Drives, Spare Drives, and Storage Pools

  o Sensors – Voltage, Power, and Temperature

  o LEDs – Power, Fault, and Presence

  o Server Module – CPU and DIMM

  o Relation among Physical, Virtual, Spare drives, and Storage Pools

  o Relation between Blades and Virtual Drives

  o Microsoft® Windows* Operating System integration

- State View

  o Intel® Modular Servers in the network

  o Customized state view shows only relevant & important fields

  o Customized State view of Configuration object

- Alerts View

  o MP Configuration Alerts

  o Traps from all chassis' discovered by Management Pack

  o Chassis Connectivity alerts

  o Knowledge article for each alert

- Console Tasks

- Run Intel® Modular Server Discovery Wizard : Wizard to discover the modular server chassis in the given IP –address range

- Launch Intel® Modular Server System WEB GUI : Launch point for Web GUI from discovered Intel Modular Chassis

- Health & Monitoring

- Monitoring rules run every 3 minutes

- Network connectivity & device availability monitoring

- Checks for the health of the components

- Only major components at the level of Replaceable units like Power Modules, Cooling modules, HDDs, CMM, Server Modules, and Storage Pools are monitored

- Sub-components like sensors, LEDs, fans, and so on are not monitored

- Knowledge articles for all monitors

7.4. Intel® Active Management Technology Management Pack 3.0

- Will not install/work in x64 systems

- Will not install in Microsoft® Windows* Server 2008 systems

7.5. Intel® Active System Console Version 3.5

- A Single server walk-up console

- A summary page showing components and overall health

- Server hardware information includes processors, cache, memory and storage

- Node Manager configuration

- BMC configuration

- Email and SNMP alert configuration

- Export sensors details and power policies to file

7.6. Stand-alone Intel® Server Management Utilities

- Intel® Server Management Utilities (For Windows*)

  - Intel® Command Line Interface (CLI)

  - Intel® SNMP Subagent

  - Intel® Online Flash Update 9.70 Build 8

  - LSI RWC/RWC2 for RAID Configuration

- Intel® Server Management Utilities (For Linux*)

  - Intel® Command Line Interface (CLI)

  - Intel® SNMP Subagent

  - Intel® Online Flash Update 9.70 Build 8

  - BMC Configuration Utility (for enabling OOB Monitoring via SCE*)

o   REDHAT* 5 / SUSE* X86/x64 Support

8. Installation Instructions

- Insert DVD; if autorun is enabled, default.hta is launched; else it can be run manually by double clicking it.
- For Installation in System Center Operations Manager only: Install Intel® Management Packs
- Agent for Linux* OS: Refer the agent release-notes at ISMS3.5 DVD\software\hwmgt\linuxagent\
- For management of RAID Cards install the LSI RAID agents

Note: Intel® Server Management Pack version 3.5 is not compatible with previous versions of Intel® Server Management Pack 2.x for Microsoft® Windows*. If you have installed a previous version, uninstall that first before installing Intel® Server Management Pack v3.5 or Intel® Server Agent v3.5.

9. Notes and Known Issues

Important notes and known issues specific to each feature are listed below.

9.1. Microsoft® System Center Essentials*

Known Issues:
- SCE* agents are not multi homed. A server/node cannot be managed by multiple SCE* servers.
- Only one SCE* installation per Microsoft® Windows* domain is allowed.
- The new password set by 'Update Password' console task would be available to other tasks that use this password only when you click any other view and come back to the view. The same issue is seen when you change the Channel IP Address through Intel® Active System Console.

9.2.   Installation & Uninstallation:

Notes:
- SCE* Server install on Windows* EM64T Operating Systems requires pre-installation of MS SQL 2005 SP2Standard/Enterprise X64 edition*.
  - o   Additionally, in Reporting Configuration Manager of SQL Server, the execution account needs to be specified as the logged on domain administrator.
- To manage computers running Vista, Microsoft® Windows Vista* Client Management Pack needs to be installed on SCE*/SCOM*. It is available for free download on www.microsoft.com.

Known Issues:

- During the SCE* Server installation the Prerequisite checker in Intel® Installer does not detect security patch needed for azroles.dll; however SCE* installer will detect it.
  Workaround: Download the security patch from the web site mentioned in error message in SCE* prerequisite checker and install the patch.

- After of Intel® Server Management Pack uninstall, few dlls will not be removed from system32 or syswow64 folder. This has no impact even if the Intel® Server Management Pack is installed again.

- After install Intel® Server Management Pack or Intel® Active System Console, Microsoft® Windows* may pop-up an alert message - "IIS Worker Process has encountered a problem and needs to close". This is a known issue of Microsoft® Windows*.
  Please refer http://support.microsoft.com/kb/918041/en-us for details.
  Workaround: Safely click "Send Error Report" button to ignore and close this alert window, and this alert message will not pop-up again.

- When you select to install LSI* SCSI Agent/LSI* SATA/SAS Agent/LSI* SAS-IR Agent on a managed server whose OS is Microsoft® Windows* 2008 and Microsoft® Windows* Hyper-V is also enabled, Microsoft® Windows* may report "Virtual Machine Management Service stopped working and closed". This is caused by LSI* installer, which fails to restart Microsoft® Windows* WMI dependent services.
  Workaround: Enter Microsoft® Windows* Service Manager and manually restart Virtual Machine Management Service, IP Helper Service, and Intel® Monitoring service.

- After installing Intel® Server Management Pack, Microsoft® Windows* may pop-up an alert message – "IntelOOBMonitoringAgent.exe has encountered a problem and needs to close".
  Workaround: You can safely click "close" button to turn off this message windows, the process of OOB monitoring will be recovered by itself automatically.

9.3. About Intel® SMS Utility:

Notes:

- In About Intel® SMS Utility, to check for Updates in Microsoft® Windows* Server 2008/ Microsoft® Windows* Vista when connected to the Internet, the following steps must be followed:
    - o Microsoft® Windows* Firewall must be disabled.
    - o Click "Allow a Program through Windows Firewall" link and mark (✓) the option for **About System Management software**.

    For rest of the Operating systems, if we connect to the Internet, it will work automatically.

9.4. In Band Discovery:

Notes:

- The Discovery data for various sensors on the server is populated on the SCE* Server within 30 minutes after installation of HW agent on a managed node and its discovery by the SCE* console. This is the pre-defined discovery interval.
- The In band discovery runs every 30 minutes (1800 seconds) and this can be overridden through the SCE* Authoring page/tab using the steps following below:
    - o In Authoring Console tab, click on Authoring->Management Pack Objects -> Object Discoveries.
    - o Change the scope to "Intel Computer" class.
    - o Right click on "Intel® Agent Managed Servers Discovery Rule" and select "Properties" menu.
    - o In the properties menu, select Overrides tab. Click on override button and select the option "For all objects of type: Windows Computer" to override discovery rule for all computers.
    - o Select/Check the row containing "Interval Seconds" row and update the "Override settings" column with the desired interval and select OK button.

9.5. *Health & Monitoring:*

Notes:

- The pre-existing events in the 'System Event Log' are not considered by the Health Module, while reporting the initial health of the system, when Intel Agent is installed on the managed server for the first time. All sensors are initially reported to be in OK state, until any new events are logged by the FW after install of agent.
- It is recommended that the events logged under 'Intel Hardware Management' View of Windows Event Log Viewer should not be deleted, till they are processed by the SCE* Server.
- After SEL is cleared manually through IASC or automatically by Monitoring Agent when it is 80% full, the contents of SEL are backed up in MonitoringAgentEvents-old.xml stored in Program Files\Intel\NGSMS\MonitoringAgent.
- No OK events are logged in HW event log for the memory sensors, and the alerts for these sensors are designed to be resolved by the user, and the accompanying health status needs to be reset to OK manually, using the 'Health Explorer'.
- SEL content still contains some English strings in non-English language version IASC.

Known Issues

- The following issue is observed rarely on high end configuration servers. Health rollup on SCE* console might not be correct. For example, all the leaf node sensors in the Intel Hardware Diagram View might show the health status as 'OK' but it might not rollup correctly to the parent node that might show the a *previous* 'different' health status of 'Warning' or 'Critical'.

  Workaround:

  1. Determine the monitor name for the sensor exhibiting incorrect rollup behavior from the 'Health Explorer' view.

  2. Click on Reset Health in the Health explorer for selected monitor.

  5. The particular sensor would now show up as 'Healthy' in the 'Intel Hardware State View' after a short duration.

9.6. Views:

Notes:

- Power Consumption views display information only for supported PMBus compliant power supplies.

Known Issues:

- Power Consumption and Total Power Usage Percent views display information only for supported PSMI or PMbus compliant power supplies.
- In Power Consumption and Total Power Usage Percent views, if a disconnected power supply is chosen as the first graph to be displayed -- when this specific power supply was disconnected for the entire time interval on the x axis – then the graph might fail to show up for any of the power supply devices.

  Workaround:

  In case such a disconnected power supply was chosen as the first graph to be displayed, either the time interval on the x-axis can be changed to include the time interval when the power supply was connected to enable SCE* to display data for the graphs of other power supplies;

  OR

  You can unselect all the power supplies, revisit the view again and select a connected power supply as the first graph to be displayed.

9.7. Agentless Servers Discovery:

Notes:

- You must update the Discovery IP Range for Agentless computer prior to discovering Agentless Servers using "Intel Server: Update Discovery IP Range for Agentless Management" from the Intel Agentless Servers -> Intel Agentless Discovery Range view in Monitoring tab.
- Intel® Servers with BMC have to be configured with Intel® Deployment Assistant to enable LAN Channel, configure IP address, and set BMC password before discovering them as Agentless Servers.
- If the password of BMC is set outside the Intel® Server Management Pack console, it has to be supplied to Management Pack either during "Update Discovery Range" console action or using the "Intel Server: Update password for Agentless Management" task.
- Once the BMC Password is supplied, the OOB BMC Sensor discovery rule will automatically configure following settings in BMC.
    - o Enable all available Platform Event Traps
    - o Set Destination IP/MAC Address in Channel1 table to Management Server's IP/Mac-address.

o Only the first entry of the following tables is used for PEF/PET configuration by OOB Agent.

- Alert Destinations for Channel 1 or 2
- PEF Policy Table

Known Issues:

- If BMC channel 1 and RMM3 (BMC channel 3) are connected to the same sub-net, RMM3 will not be discovered.
- The BMC Type for Agentless Computer having RMM is shown as "BMC". However the System Summary page in Intel® Server Management Pack Console shows it as "RMM".
- When a console task like CLI or Intel® Server Management Pack is launched when Agentless discovery is running on mBMC platform, that particular Server will not be discovered in Agentless mode. However when no tasks are running during the next discovery cycle, the server will be discovered again.

9.8. Tasks:

Known Issues:

Intel® Server: Command Line Interface (CLI) Console Task

- Automatic login for a particular server in the CLI task window might fail, if the task window is dragged when user name and password are being automatically input by an internal script. You are advised not to drag the CLI task window during the time when the credentials are being authenticated.

-

9.9. Intel® Active System Console:

Notes:

- For S7000FC4UR servers, the power supply readings are shown as 0, as this sensor is not supported by the hardware. Similarly for S7000FC4UR the voltage sensors are not supported hence will not be displayed.
- On configuration screens, when 'Apply' button is clicked for saving new data, a security prompt might be given by IE. Click 'yes' to proceed with saving.
- During the IASC launch, supply the user credentials of management account when prompted for the first time.
- After a SEL clear is issued through IASC, the new SEL information is displayed after a short delay, and the new data can be viewed by clicking on the SEL page link again.
- The IASC can be launched remotely form Internet browser, the address is
  http://<managed server IP>/IntelSystemConsole/Main.htm

- In a SCE* installation environment, if a different port number for IIS HTTP is used (say 8080) instead of default port, the Intel® Active System Console can be launched using the Launchpad.exe.

  Launchpad.exe has the following parameters.

1.   true/false if it is launched is used to launch for In-band or OOB Server

2.   IP Address/Name:port of Server where IIS and Intel® Active System Console are installed

3.   IP Address of Managed node (If In-band give system name or IP address and for OOB give any channel IP Address)

4.   GUID (needed only for OOB, pass empty string "" for In-band)

5.   Channel 1 IP Address (For In-band pass empty string "")

6.   Channel 2 IP Address (For In-band pass empty string "")

7.   Channel 3 IP Address (For In-band pass empty string "")

For example, if the IIS HTTP port number is changed to 8080, you can launch Intel® Active System Console using following commands:

- For In-band: LaunchPad true <IIS Server IP>:8080 <IP of managed node> "" "" "" ""
- For OOB: LaunchPad false <IIS Server IP>:8080 <IP of managed node> <guid of managed node> "" "" ""

Known Issues:

- Only local Administrator can install or access IASC on Microsoft® Windows* 2008. This is caused by Microsoft® Windows* 2008 User Access Control. **Workaround**: Go to Microsoft® Windows* 2008 Control Panel and enter User Accounts. Click "Turn User Account Control On or Off" and unselect "Use User Account Control to help protect your computer" and reboot server. After that, any user with local administrator privilege can install or access IASC.

- When setup node management policy with IASC Node Manager, use cannot set 12:00 AM as End Time of a policy.

- IASC shows the last good reading as current reading in Power Page if managed server is shutdown.

- Email destinations should be configured in sequential order in IASC Alerts Page.

- "Export to file" in IASC OOB mode will take several minutes, you can press Alt+ Backspace to switch from file download page to IASC interface.

- After SEL clear, it will take some time to refresh the data from the back-end. So clicking on the link will show whether the SEL is cleared or not.

- If IASC upgrade is done, then the scripts have to be cleared by IE->tools->Internet Options-> Clear cookies and temporary files.

- Add http://<Management server name> as listed in properties of Agent Managed Servers or Agentless Servers to the trusted sites list in Internet Explorer (Tools -> Internet Options -> Security -> Trusted Sites -> Sites). If this is not added, permission error in script is shown when IASC is launched for the first time. Click "Yes" to continue and close the Console. Subsequent launches will work fine.
- If a message "Please restart the application" is displayed, close the console and open it again. If it does not work again, restart IIS using "iisreset" command and launch the application.
- SDR version will not be displayed when IASC is launched first time in OOB.
- If IASC is launched for Intel Agentless Servers and if the connection is lost due to some reason (it could be Channel IP Address change, power recycle of BMC or some temporary network outage) the IASC gives out an error "SDK API execution error". You must restart the console after rectifying the connection issue.
- If the channel IP address is changed, then the console has to be launched again after the IP address is updated. The IP Address is updated in the next OOB discovery cycle and the user interface will get refreshed only if you click on any other view and comes back to this view. If the IP address is not updated or you do not close the ISC console, then the message *OOB Initialization error* is displayed.
- Health gets refreshed periodically (every 10 minute) and not on alerts. User can configure this intervals at IASC **BMC configuration | System Console**.
- SEL Alerts will come only if you are on summary page, user can change the intervals for SEL alert at IASC **BMC configuration | System Console**.
- Set Boot Options will not work in iBMC platforms. There is no support in BIOS. If BIOS support becomes available this should work.
- If the user credentials are not given correctly (user account that has Administration rights for all the servers managed in Agent managed Servers list) during Intel® Server Management Pack installation, the IASC gives an error message for invalid user credentials.

  To configure user credential again, do the following:

  1. Start->Run->dcomcnfg.
  2. Expand Component Services, Computers, My Computer and COM+ Applications.
  3. Right click on InBandMgr and select properties.
  4. In the Identity tab, select This User, enter a domain administrator user name and password, and click Apply.
  5. Right click on InBandMgr and select Shutdown.
  6. Again, right click on InBandMgr and select Start.

9.10. Intel® Server Management Utilities

Known Issues:

- The following rpms must be installed on Red Hat* Linux* Enterprise AS 4 for execution of SNMP Subagent.
  - o compat-libstdc++-33-3.2.3-47.3.i386.rpm – For RHEL4 32-Bit
  - o compat-libstdc++-33-3.2.3-47.3.X86_64.rpm – For RHEL4 EM64T
- User Privilege login in DPC_CLI for S3200SH and X38MLST platform are not supported.
- Serial-over-Lan (SOL) through DPC_CLI console is not working for S3200SH and X38MLST.