



# Intel® SNMP Subagent v8.1

## Release Notes

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*Release Date: May 2017*

*Build # 11*



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## 1. Package Content

- Intel SNMP Subagent v8.1.1711

## 2. Supported Operating Systems

- Windows\* Server 2012 R2 EM64T
- Windows\* Server 2016 EM64T
- Windows\* Server 2012 Enterprise
- Windows\* Server 2008 R2 SPI EM64T
- RHEL6\*update5 (32 bit & EM64T)
- RHEL7 (EM64T)
- RHEL7.1 (EM64T)
- RHEL7.2 (EM64T)
- RHEL7.3 (EM64T)
- SLES\* 11 SP4 (32 bit & EM64T)
- SLES\* 12 SP1 (EM64T)

## 3. Supported Server Platforms

**Intel® Server Board based on Intel® Xeon® processor E5-2600 v5 product family”**

- Intel® Server Board S2600BP
- Intel® Server Board S2600WF
- Intel® Server Board S2600STB

## 4. Supported Languages

- Supported languages for Intel® SNMP Subagent
  - English
  - Brazilian Portuguese
  - Chinese Simplified
  - Chinese Traditional
  - French
  - German
  - Italian
  - Japanese
  - Korean
  - Russian
  - Spanish



## 5. Features

Through basic SNMP GETs and TRAPs, the Intel® SNMP Subagent provides the following functionality for managing servers:

- Accessing sensor data
- Viewing threshold settings
- Reading the SMBIOS tables
- Providing overall system health status

## 6. Installation & Uninstallation

### 6.1.1. Installation using standalone installer

- To Install Intel® SNMP Subagent for 32 bit Windows server, double click Intel SNMP Subagent-x86.exe from SNMP\_SA\_i386 folder and follow the instructions
- To Install Intel® SNMP Subagent for 64 bit Windows server, double click Intel SNMP Subagent-x86\_64.exe from SNMP\_SA\_64 folder and follow the instructions
- To install SNMP Subagent in Linux, run snmpsubagentinstall.sh.

### 6.1.2. Upgrade

No upgrade available. Uninstall the previous Utilities before installing.

### 6.1.3. Uninstallation

- Use control panel Add / Remove programs to un-install the Intel® Server Management SNMP Subagent.
- In Linux, run snmpsubagent\_uninstall.sh or run uninstall.sh in the path /usr/local/snmpsa/bin

## 7. Known Issues

- Windows\* version of Intel® SNMP Subagent may give a warning "*Windows can't verify the publisher of this driver software*" during installation for three drivers that are part of Intel® SNMP Subagent package. User must select the option "*Install this driver software anyway*" to proceed with installation. Once installed, the drivers will show up as not digitally signed in the properties page of the driver. However, the drivers are digitally certified by Microsoft\*. The Microsoft ["sigverif"](#) utility will show up the three drivers (flashud.sys, ibsmutil.sys and imbdrv.sys) as WHQL certified.
- Intel® SNMP subagent is not completely supported in GPT style partitioned OS. The smbios and bios queries will fail.
- The SNMPSA installer may show these message during installation: "insserv: Script jexec is broken: incomplete LSB comment" and "insserv: missing 'Required-Stop:' entry: please add even if empty" due to there is no 'Required-Stop:' in java's jexec script. User may need to install latest java rpm or add 'Required-Stop:' right below the 'Required-Start:' in \etc\init.d\jexec script.
- Intel® SNMP Subagent may not work properly if Intel® IASC is installed on the same system.
- The Intel® SNMP subagent requires that the IPMI driver be started.  
To start the IPMI service



Enter "modprobe ipmi\_devintf" and "modprobe ipmi\_si" in a linux terminal

\*These commands works only if the openIPMI package has been installed in the OS.

- Net-snmp may record all the successful connections in log file and cause the disk space to be consumed quickly on some Linux OS.

To turn off this logging on SuSE\*

- Change SNMPD\_LOG\_SUCCESSFUL\_CONNECTIONS="yes" to "no" in "/etc/sysconfig/net-snmp" file
- Restart snmpd and snmpsa services.
- Cooling unit sensors, Discrete cooling device table sensors, Drive slot, Power supply, current probe sensors are not available.
- Traps are tested for only Power and Fan. And intermittent traps generation is observed in which case trap messages are not seen continuously.

## 8. Trouble shooting Instructions

If the Intel® SNMP Subagent or Master locks up, you must restart both agents. Use the following steps from the command line to restart the agents, depending on your operating system. For information on setting services or daemons to start at system boot, see your operating system documentation.

### Linux\* Operating System

- Stop the subagent by entering the following command:  
/etc/init.d/snmpsa stop or systemctl stop snmpsa (for RHEL7, RHEL 7.1 & SLES12)
- Restart the master agent by entering the following command:  
/etc/init.d/snmpd\* restart or systemctl restart snmpd (for RHEL7, RHEL7.1 & SLES12)
- Start the subagent by entering the following command:  
/etc/init.d/snmpsa start or systemctl start snmpsa (for RHEL7, RHEL7.1 & SLES12)

\*If snmpd file is missing in the path /etc/init.d for Linux OS (esp if RHEL 7 and above) please use "systemctl restart snmpd" or "service snmpd restart" commands in linux terminal.

### Windows\* Operating System

In Windows\* Operating System, choose Start > Control Panel > Administrative Tools > Services, then stop and restart the SNMP Service.



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## 9. Release change logs

### 9.1. Build 11

- SNMPSA Power supply status mismatch with BMC is fixed.
- SNMPSA Fan Discrete status mismatch with BMC is fixed.
- SNMPSA Fan status mismatch with BMC is fixed.
- SNMPSA Fan Redundancy status mismatch with BMC is fixed.
- SNMPSA Power Unit status mismatch with BMC is fixed.

### 9.2. Build 10

- Integrated Cacheriver 7.1 build 14.

### 9.3. Build 9

- Integrated Cacheriver 7.1 build 13.
- Added RHEL 7.3 stable version OS support in the snmpsa install script snmpsubagentinstall.sh.

### 9.4. Build 8

- SNMP Temperature Threshold for lnr, unr trap OID mismatch for Front temp Sensor is fixed.
- SNMP Temperature Threshold for lnc, unc, ucr trap OID mismatch for Front temp Sensor is fixed.
- SNMP Voltage Threshold for lcr, lnc, unc, ucr trap OID mismatch for Voltage Sensor is fixed.
- SNMP Fan Threshold for lcr, lnc trap OID mismatch for Fan Sensor is fixed.

### 9.5. Build 7

- Integrated Cacheriver 7.1 build 12.
- Temperature threshold trap OID mismatch for the Front Temp sensor is fixed.
- Fan threshold trap OID mismatch for fan is fixed.

### 9.6. Build 6

- Integrated Cacheriver 7.1 build 9.
- Added RHEL 7.3 OS support in the snmpsa install script snmpsubagentinstall.sh

### 9.7. Build 5

- EPD100254517: [BKC WFP - SLES 12.1 takes more time to shutdown/reboot when SNMPSA utility is installed] is fixed.
- EPD100254633: [Purley][Sawtooth Pass] [SNMP-SA Build 4 - Fan trap are not generated as expected ] is fixed.
- Integrated Cacheriver 7.1 build 8.
- Updated the snmpsubagentinstall.sh to copy the uninstallation script [uninstall.sh] into the path /usr/local/snmpsa/bin.



#### **9.8. Build 4**

- Integrated Cacheriver 7.1 build 7.
- Integrated Klocwork code fixes.

#### **9.9. Build 3**

- Fixed SNMPSA code for SNMP service hung issue

#### **9.10. Build 2**

- Added RHEL 7.2 OS support.

#### **9.11. Build 1**

- Integrated Cacheriver 7.1 build2.