

SmartPack Release Notes

Starting with version 6.0, SMARTS will periodically distribute a SmartPack™ to InCharge customers. A SmartPack contains a “roll up” of software corrections and improvements specific to a platform version (for example, 6.0) and a particular product suite (for example, SAM). SmartPacks for the InCharge IP Management Suite will also contain device certification updates. Before downloading and installing a SmartPack for your particular operating system, you should read through the *Read Me First* for detailed instructions. Details about the certification updates and software corrections and improvements are provided in this document. For a complete list of certified devices, refer to the InCharge Certified Device List.

All Product Suites

PROBLEM REPORT NUMBER	SYNOPSIS	CUSTOMER TICKET NUMBER	INCHARGE PRODUCT SUITE
N/A	In previous versions, the library path <code>/usr/ucblib</code> was appended to the library path in the file <code>runcmd_env.sh</code> for systems running the Solaris operating system. This was causing problems with invoking UNIX commands such as <code>'vi'</code> . This reference to <code>/usr/ucblib</code> is now removed with this SmartPack.	N/A	ALL

9869	Fixed problem where the sm_service utility shows incorrect status after machine is rebooted.	15217 15449 15484 15487 15493 15494 15495 15496 15498 15499 15505 15506 15760 15800 15829 15831 15840 15864 15943 16073 16370	ALL
9891	Fixed a problem where the SNMP poller takes up more CPU than in prior versions.	N/A	ALL
10239	Fixed a problem with ASL where memory was not properly released for action or match expressions.	N/A	ALL
10286	For Windows only, in versions of InCharge prior to 6.0 SP 1, attempts to roll over a log file using "dmctl exec roll_log", with no "new name" argument, would appear to work. In fact, however, the data in the existing log file would be discarded, and new logging information would be written to the same file. The only work-around was to provide a new log file name - "dmctl exec roll_log newlog". This would preserve the old log file and write new logging data to "newlog.log". This issue is resolved in SP1.	16583	ALL

Table 1: Fixes Applicable to All Product Suites

InCharge IP Management Suite

PROBLEM REPORT NUMBER	SYNOPSIS	CUSTOMER TICKET NUMBER	INCHARGE PRODUCT SUITE
8968	Fixed an issue where a Trunk Cable was being created between 2 switches whose ports are on different VLANs	13179	IP
9146	Added CPU instrumentation for Cisco 8510 and 8540 devices	13498	IP
9495	Added discovery and layering on Cisco routers with SDH structured interfaces (association between Path interfaces and underlying Channelized OC3 Interface.)	8556	IP
9502	Fixed an issue where ATM physical interfaces were not being created on Cisco 6513 (OID .1.3.6.1.4.1.9.1.400)	12631	IP
9534	Allow user-defined-connections to be created when using n.m format in addition to n/m format (for example, "SW-NY-65-RAND-1 4.9 FW-NY-RAND-NS5200-1 ethernet2/1 ")	14231	IP
9760	Allow creation of ATM interfaces on Cisco 5500 (OIDs .1.3.6.1.4.1.9.5.7, .1.3.6.1.4.1.9.5.17, and .1.3.6.1.4.1.9.5.34) with ATM card even when there is no IP address for each interface	14262	IP
9767	Added support for PAGP (Port Aggregation protocol) MIB to provide Layer 2 connectivity for Cisco Ethernet trunks.	N/A	IP
9784 10074	Fixed a problem where certain value and status changes were ignored upon monitoring initialization and as a result notifications were not generated or were not accurate.	14378	IP
9803	Added discovery of 802.1Q VLANs for Extreme and Foundry switches.	12873	IP
9815	Fixed issue so that VLANs are discovered on Cisco 4507	14421	IP
9832	Improved handling of L3 interfaces on Cisco 6506 switches	12055	IP
	Fixed an issue where card down notifications were received on an Extreme switch with no cards.	9901	IP

9907	Network connections are now made between Layer 3 Cisco 6513 switches (OIDs .1.3.6.1.4.1.9.1.400, .1.3.6.1.4.1.9.5.44) and neighboring routers	N/A	IP
9951	Fixed a problem where device names are not updated in the topology after a rediscovery.	15492	IP
9983	Added Model name to the DisplayName attribute of Marconi switch ports. Create LayeredOver/LayeredUnder relationship for physical and logical ATM IMA ports on Marconi switch.	10858	IP
9992	Fixed a problem where --sizes run against a v6.0 Discovery Manager gave incorrect results. (for example, "sm_tpmgr -s DM --sizes")	15386	IP
10039	By default, disable processing of 'tcpConnectionClose' Cisco enterprise trap so that devices are not added to the pending list when this trap is received.	15841, 16034	IP
10070	Fixed a problem where AM would report many instances of NetworkConnection down instead of a Router down.	N/A	IP
10084	Fixed a correlation problem where a disabled router interface did not suppress switch failures as root cause that are on the same IP network.	16123	IP

Table 2: Fixes Applicable to IP Management Suite

InCharge Service Assurance Management Suite

PROBLEM REPORT NUMBER	SYNOPSIS	CUSTOMER TICKET NUMBER	INCHARGE PRODUCT SUITE
7722	SAM Adapter Platform Trap Adapter: The incoming trap should match to its specific oid-gen.spec first and then to aid-*.*	14823	SAM
8276	Fixed containment view for certain device types such as firewall. Added dxa-sim.conf to ics directory.	N/A	SAM SIM
8451	Fixed a problem where many entries in the weights.conf file would cause slowness in the SAM server.	N/A	SAM

9745 9848 9850 9834	<p>InCharge Adapter for InfoVista:</p> <ul style="list-style-type: none"> • Added Frame Relay port for top-level Frame Relay interfaces to allows user to have better reports for Frame Relay ports • Removed FR_PVC from RESOURCE_GROUP that was causing VistaProvisioner error on import • Added IP_NODE for icmp-only UnitaryComputerSystem's • Added DisplayName to the attributes of Interface and Port • Fixed support for second IV server • Added support for endpoints in traps was missing • Fixed incorrect report for SNMP Node • Fixed bad keyword in trap_mgr.infovista.conf Added in-context IP when running VistaNext report • Fixed typo in infovista.conf • Fixed incorrect default export file name in infovista.conf • Fixed the default SNMP agent port to 162 in the def.txt • Fixed typo in the runExportImport.sh 	N/A	SAM
9783 9833 9849	Fixed problem where notification properties failed to display detailed properties in some circumstances.	N/A	SAM
9796 9828	Fixed a problem where configuring escalation could lead to a crash.	N/A	SAM
9848	Added support for the -b option for the sm_ehealth and sm_infovista executables	N/A	SAM
10015	Problem where SAM Business Impact Manager would not clear Impacted Events correctly.	15228	SAM
10057 10100 10161	<p>InCharge Adapter for Remedy:</p> <ul style="list-style-type: none"> • Change the user profile name to default-profile so that the remedy actions are associated with the default profile after import of the ConfigureRemedyTools.xml • Fixed auto-action to work with InCharge in 6.0 • The Remedy-opentkt script was failing when a field exceeds 128 characters in length or includes a bracket () as part of its description. Fixed script to truncate event text to 127 characters length. 	15473 16133	SAM

10066	Removed redundant configuration in dxa-sam.conf that could lead to long synchronization times between SAM and AM/PM.	N/A	SAM
10148	Fixed issue that when you save an application or a service map in SAM 6.0, the console fails to read the map back in when you try to access it subsequently.	N/A	SAM
10180	Fixed issue where certain filenames for a saved console would lead to a crash.	16554	SAM
10372	v6.0 SAM server appears to hang unexpectedly. Global Consoles become unusable. CPU for SAM process climbs to 100%.	16793	SAM

Table 3: Fixes Applicable to the Service Assurance Management Suite

InCharge Software Development Kit

PROBLEM REPORT NUMBER	SYNOPSIS	CUSTOMER TICKET NUMBER	INCHARGE PRODUCT SUITE
N/A	The SDK 6.0 CD distribution was shipped without the examples directory as per the <i>Software Development Kit MODEL Reference Guide</i> . This SmartPack provides the missing examples directory and files.	15869	SDK
10129	The SDK 6.0 CD was distributed without critical header files. This SmartPack installs the missing files.	15148	SDK

Table 4: Fixes Applicable to the Software Development Kit Suite

InCharge Security Infrastructure Management Suite

PROBLEM REPORT NUMBER	SYNOPSIS	CUSTOMER TICKET NUMBER	INCHARGE PRODUCT SUITE
8276	Fixed containment view for certain device types such as firewall. Added dxa-sim.conf to ics directory.	N/A	SAM SIM

Table 5: Fixes Applicable to the Security Infrastructure Management Suite

