Release Notes for Zenoss Core Version 3.2

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1. About These Notes

These release notes contain important information about this release of Zenoss, including:

- New features
- Where to download the software
- Supported software and environments
- Installation, upgrade, and implementation notes
- Known issues
- Defects and issues fixed in the release
- Reporting problems and providing feedback

1.1. What's New?

Version 3.2 of Zenoss Core includes:

- Support for receipt of SNMPv3 traps
- User interface changed features and enhancements, including:
    - Unified event consoles. All consoles appear and behave similarly.
    - Improved component template editing.
    - IT Infrastructure page (device list) shows non-default columns (for example, Operating System, Hardware, and Serial Number)
    - Production state field can be filtered (remembers filter state)
    - Enhanced user interface colors
    - Networks page revised for performance improvements
    - Interface status: operational and administrative up/down status appears
    - Local IP addresses appear in the user interface
    - Collector, system, and group location on the device overview page can be edited directly from the overview page
    - Execute commands from the event console on selected devices
- zenhub updates
- zenprocess fixes: processes matched the same way that modeling matches
- zenwinperf enhancements
- zenbatchload fixes: locations, groups, and organizers can now be batch loaded
- Trees lookup performance improvements
- Chrome and Safari UI enhancements
- Collapse and expand entire hierarchy (such as device class tree)
- Automatic event deletion: improved flexibility (deletes in groups of events)

1.2. Downloading Zenoss Core

Zenoss Core is available from this location:

http://www.zenoss.com/download

1.3. Supported Software and Environments

You can install Zenoss Core on these platforms:

- Linux®
    - RedHat® Enterprise Linux 4, 5
    - CentOS 4, 5
    - Fedora^{TM} Core 12, 13
    - Debian® 5
    - Ubuntu® Server 8.04, 10.04
    - openSUSE 10.3, 11.1
    - SUSE® Linux Enterprise Server 10, 11
- Mac OS® X v10.5 Leopard®, Mac OS® X v10.6 Snow Leopard®
- Windows® (requires VMware^{TM} Player and the Zenoss Virtual Appliance)

For each system that will access Zenoss through a Web browser, you need:

- Firefox (verified with 3.6.x, 4, 5) or Internet Explorer (verified with 7, 8, 9)
- Adobe® Flash® Player

The following partial list of resources can be managed by Zenoss:

- Windows Server (2000, 2003, 2008), Windows XP, and Windows Vista®, Windows 7
- Linux or other UNIX® server
- Tomcat^{TM} and other Java®/JMX servers
- Any SNMP- or SSH-enabled device

1.4. Installation, Upgrade and Implementation Notes

Read this section for important installation, upgrade, and implementation updates. For complete installation and update instructions, refer to the latest version of the *Zenoss Core Installation* guide.

1.4.1. Memory Requirements

For a small Zenoss installation (fewer than 250 devices), your system must have a minimum of 4GB available RAM. (Defect 6898)

1.4.2. Upgrade

- Refer to the following table to determine the upgrade path you must follow when upgrading to a newer version of Zenoss.

    Note

    Zenoss strongly recommends that you upgrade to the latest release to receive the latest features and defect fixes.

If your current version is:	You can upgrade directly to this version:
2.1.x	2.1.3
2.1.3	2.2.4

If your current version is:	You can upgrade directly to this version:
2.2.x	2.2.4
2.2.4	2.3.3
2.3.x	2.4.5
2.4.x	2.5.2
2.5.x	3.0.3*
3.0.x	3.1.0
3.1.x	3.2.0

• Zenoss does not test or evaluate community, customer-developed, and custom ZenPacks for upgrades.

  If you are using one or more ZenPacks that are not installed through the standard Zenoss installation process, you should contact the ZenPack author about its compatibility with your upgrade version. Zenoss further recommends you test the ZenPack for upgrade compatibility in a test environment.

1.4.3. Search

Global Device Search is available as a Core ZenPack. You can download this ZenPack from:

http://community.zenoss.org/docs/DOC-7453

1.5. Known Issues

The following issues are known for this version of Zenoss Core.

• A new attribute, monitoredStartModes, has been added to WinServices so that only Windows services that are expected to be running are actually reported as "down." Optional services that are Disabled or Manual startup are, by default, not reported as down. (Internal Defect 2248)

• Starting up the BitRock stack may produce ClientDisconnected errors in log files. These do not indicate a problem and should be ignored. (Defect 5508)

• If your installation's $ZENHOME contains a dot (.), then Zenoss does not function correctly. (Defect 5838)

• Zenoss displays a status of "unknown" for Windows services that are disabled or not monitored. (Defect 7028)

1.6. Documentation Changes and Additions

In *Zenoss Administration*, in the appendix titled "SNMP Device Preparation" in section B2. SNMP V3 Support, the following note is not correct:

 Note

  SNMPv3 Traps are not supported.

In *Zenoss Installation*, all references to requirement for Sun JRE 1.5 are changed to Sun JRE 1.6.

1.7. Reporting Problems and Providing Feedback

Use the Zenoss forums (http://community.zenoss.org/community/forums) and Trac (http://dev.zenoss.org/trac) to submit issues and provide feedback.

1.7.1. Product Documentation Feedback

Zenoss welcomes your comments and suggestions to help us improve our product documentation. Please send your comments to:

docs@zenoss.com

1.8. Defects Fixed in this Release

See the document titled "Zenoss Core Version 3.2 Resolved Defects" (appended to these release notes) for the list of defects resolved in this release.

Resolved Defects for Zenoss Core 3.2

2383	Enhancement request to support SNMPv3 traps
2580	We do not include robots.txt to disallow indexing
2625	No longer have visual indicator for interface Operational Status
2626	Interfaces Administratively down show a status of 'Unknown' in the interface list
2967	Add Filter to Organizer Graph Reports
3261	override template leave original template bound
3272	Modeler plugins page does not display correctly in IE8
3290	Event console sizing
3314	Refreshing Device List gives javascript errors
3337	ItInfrastructure Device Tree Async and batch load events
3346	Reset Tree filter when cleared
26401	Zenbackup issue with remote mysql databases
26626	zenhub too slow processing invalidations
26836	Interface Utilization Report broken
27044	"Model Time" gets updated even if modeling is unsuccessful
27114	"Production State" filter reverts to only showing Production devices
27201	Add Data point to Graph can confuse the user if there are similar datapoints
27230	Problem viewing event details on traps sent by McAfee IDS
27311	interfaces with multiple ips do not show all ips in new ui
27358	IE loads image for ExtJS-Menus from external server
27400	New Operating System entry never appears in the Device's "OS Product" selection list
27497	Event Management doesn't work under user custom event views
27591	Contextual event consoles render closed events, acting on those generate errors
27603	For OS Processes, Monitoring option is always greyed out
27746	Groups won't auto-complete in Watch List dashboard portlet configuration
27748	zencommand process monitoring - TypeError: %c requires int or char
27751	Zenoss 3 Device Production State Combo-box Bug
27752	Networks Page is unwieldy
27772	Changing Groups, Systems, Locations, and Device Class on Device Details page
27775	Field name/value colors are sometimes hard to read
27793	zenbackup doesn't backup symlinked perf directory
27800	"Empty or invalid id specified" related to PhysicalEntityMap
27801	ExpansionCard components look bad in 3.0 UI
27802	Event Console Unification
27813	Global Livesearch configuration
27820	All live grids should have a total count
27865	Specify color on AREA, LINE, HRULE, VRULE and TICK custom graph points
27880	Datapoint on threshold show (missing) after updating threshold
27890	Local Ip Addresses
27902	Filtering a live grid does not reset the view index

27904	Add columns to the Device List page
27908	Drop down menu for commands don't work on Chrome and Safari
27914	Unable to page past 40 alerting rules
27916	delete unattached ip address action not available on networks page
27919	Add Actions and Command buttons to Event Consoles. Take action on highlighted devices.
27923	process with parenthesis in it fails monitoring via zencommand
27924	add multiple device wizard broken due to devtypes issue
27926	Collapse and Expand All to the trees
27988	Collector framework daemons die when more than 1000 devices per collector
28000	Referenced Java Version Wrong
28019	Make Config Properties not use an iframe
28032	Make Graphs an Ext Component
28068	No stars (*****) in password fields of the configuration properties page, fields look empty
28137	IP Services rename and create new name does not work
28190	Please port the latest zenbatchload changes back into 3.1.x
28203	Create Event box remains *partially* open (see screenshot) after adding an event using IE8
28208	Device Class filter is not working on device list
28224	No confirmation when deleting reports
28228	zenprocess doesn't match processes correctly
28280	Moving multi-graph report to a custom organizer blanks left nav and body
28303	IPs incorrectly associated with devices and interfaces on Networks page
28364	Workflow for editing a component template
28387	Upgrade on test-customer encounters error on zenmigrate, aborts
28389	zenprocess - Too many open files
28421	Allow ZenDeleteHistory to accept an epoch time or "numDays"
28434	MySQL Deadlock in sendEvent
28515	Device Organizers do not link correctly for non alpha characters
28525	Add monkeypatching for 3.1.1
28527	Cannot change 'Fail Severity' and 'Alert On Restart' values at device level for processes/services
28552	accidentally deleted notifiable classes check in collector framework
28556	zenmib fails to load large MIBs
28585	[3.1] Broken catalogs on new installs
28605	PIP when clicking on Device Link from All or New Devices on Devices Report
28684	ZenHub hosed by software modeling
28689	removing networks organizer can cause modelling to fail
28720	Zope security patches needed for 3.1.x
28723	Searching for an IP address doesn't bring up a device.
28742	Error running command RemodelOnMigration after a fresh installation
28762	SNMP Device Prep, SNMPv3 Traps Support Statement Incorrect
28781	Uncaught ConflictError in a hub worker causes it never to finish
28784	Not working unacknowledge button on device level event *history*

28787	Remove or update the "On the Horizon: Zenoss Datacenter Insight"
28791	Interface utilization report has incorrect units
28792	Another Zope security patch! XSS thing (3.2 version)
28807	LDAPMonitor ZenPack error when changing bind type
28820	Build 1235 3.2 Traceback during installation
28863	live search needs delay AND enter forces serach
28878	selection unchanged by filtering
28879	Error in 3.x event test layer tearDown: existing MySQL transaction when truncating tables
28882	Unit test failures on build 1250 (3.2.0)
28890	Traceback with "ImportError: No module named ipaddr" when starting zentrap, zenperfsnmp
28898	When running with ZenHub workers, change notifications cause AttributeError exceptions
28899	User is unable to assign an administered object to a user