

PAWZ Server V14.0a

New Features

Revision/Update:
Release Document.

17 August 2017

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Release Overview

This document describes new features in version V14.0a of the PAWZServer.

PAWZ Server V14.0a adds Asset Management as a separately licensed add-on component.

New features

Location

- Node Locations on Map

Asset Tracking & Reporting

Managing Asset Nodes

- Manage Node Policy
- Auto-Discovery
- CSV Importer
- Asset Categories
- Nodes Download Schedules
- Enable/Disable Download for Asset Nodes

Asset Reports

- Configuration report
- Configuration change tracking and report
- Software installed tracking & reporting
- File modification tracking & reporting
- Registry modification tracking & reporting
- Software metering
- Custom report building

Restful Interface

- **getAssetReportConfig_V140**: get node configuration data for an asset node
- **getAssetReportChange_V140**: get configuration changes data for an asset node since a provided date
- **getAssetReportSoftwareInstallbyNode_V140**: get list of software installed on an asset node
- **getAssetReportSoftwareInstallbySoftware_V140**: get list of asset nodes where a particular software is installed

Please consult the *PAWZ Server V14.0a RESTful API Guide* for more information on these APIs

Location

Node Locations on Map

PAWZ Server 14.0a allows tracking Locations for nodes and displays them on a map.

Locations can be defined through Manage → Map → define location

A pin can be dropped on the map to save the exact coordinates

The Map interface allows zooming in to the street address and zooming out all the way to world map

Locations can be assigned to nodes through any of the following ways:

- Bulk assign via Manage → Map → assign location

- Manage → Node → policies
- During CSV Import of new nodes

PerfCap Corporation PAWZ 14.0a PAWZ Server : ZINC (ZINC TEST SERVER)

View Manage Analyze Plan Asset

Node Cluster Group Workload Exception Favorite Template Report Cloud Plan Dashboard Map Admin

define location assign location Logged in as : Admin

Assign Location

Assign Locations To Nodes

Location: Nashua NH

Nodes with Unknown Location	Nodes in current Location
000292601952	aix64
001619403311	conference
2000-3000-AAAA-BBBB	copper
402139532121	e01rhel55
882180912002	e01sun32
bbbb	e01suse11
build	e01ubuntu14043
e01redhat6	e01winesx01
e01winemc	e02_db_103
e02_uk_db	e02_pawz_103
ecapdev	e02_ss_103
esxi01	e02_uk_cli
esxi02	eniatic
ffvbxtdcvxdfv	foolsgold
license	gold
LRHEL_00000	h01_db_103
LRHEL_00001	h01_pawz_103
LRHEL_00002	hpit

Save Cancel Help Info Logout

PerfCap Corporation PAWZ 14.0a PAWZ Server : ZINC (ZINC TEST SERVER)

View Manage Analyze Plan Asset

Node Cluster Group Workload Exception Favorite Template Report Cloud Plan Dashboard Map Admin

policies download now daily exceptions real time exceptions Logged in as : Admin

Node Policies

Asset Type: Server Non-Server

Group: ALL Search Reset

Node	Data Collection
Name: build	Dump Interval: 120 seconds
IP Address: 192.168.1.205	Peak Interval: 5 seconds
DNS Suffix: perfcap.com	Retain data for: 12 days on the node
OS: Windows	Restart Attempts: 0
Cluster Member: WindowsCluster	Data Collector Version: V14.0-005:May 23 2017
Summary Group Member: ALL Group.Windows Group	PAWZ Agent Version: V14.0-005:May 23 2017
Location: PerfCap HQ	Status: Data Collector UP
Dashboard Location Member: Nashua	Status Check Frequency: 2 minutes
Dashboard Service Member:	Real Time Data Collection
System Time Zone: Eastern Standard Time	Update frequency: 2 seconds
Description:	Status: Real Time UP
<input checked="" type="checkbox"/> Is Asset	Collect All Process Data
Asset Agent Port: 3336	Collect No Process Data
Asset Description:	Real Time Exceptions
<input checked="" type="checkbox"/> Enable Download	Advanced...
Status: FindIT Agent UP	Advanced Data Management
Templates	Peak hours: 08:00 To 17:00 (HH:MM)
Node: PerfCap_Node_Template	Top Process Count: 12
Workload: PerfCap_Workload_Template	Top Disk Count: 10
Plan: default	Top Port Count: 10
	Top File System Count: 10
	Spec Rating/Weight: 26.20
	Enable unique processes
	Email Notification: Specify Notification
	Check Local Data Directory

New Save Delete Cancel Help Info Logout

Asset Tracking & Reporting

PAWZ Server 14.0a introduces the concept of Asset. Asset Tracking and Reporting is a separately licensed module.

Once purchased and the license provided, this module can be enabled during PAWZ Server install.

If you have not purchased the Asset Tracking Module, your PAWZ Server interface will continue to look like the previous version V12.0.

The most detailed level of Asset monitoring requires a FindIT Agent asset collector on the remote server or desktop system.

Manage Node Policy

PAWZ Server V14.0a with Asset Tracking separates nodes into 3 categories:

- Server Nodes – These are the traditional PAWZ Nodes running eCAP Monitor/PAWZ Agent. These collect performance data.

The screenshot displays the PAWZ Server 14.0a Node Policies configuration page. The 'Asset Type' is set to 'Server'. The 'Is Asset' checkbox is checked. The 'Data Collection' section includes settings for Dump Interval (60 seconds), Peak Interval (5 seconds), Retain data for (30 days on the node), Restart Attempts (0), Data Collector Version (V11.1A-026:Feb 23 2016), PAWZ Agent Version (V11.1A-026:Feb 23 2016), Status (Status check disabled), and Status Check Frequency (-none- minutes). The 'Real Time Data Collection' section includes Update frequency (2 seconds), Status (Unknown), and options to Collect All Process Data or Collect No Process Data. The 'Advanced Data Management' section includes Peak hours (08:00 to 17:00), Top Process Count (12), Top Port Count (12), Spec Rating/Weight (49), and Email Notification (Specify Notification). The 'Templates' section includes Node, Workload, Plan, Risk, RTEvent, Holiday, and Favorite, each with a dropdown menu and a 'Display' checkbox.

- Server Nodes with Asset – These are traditional PAWZ Nodes running eCAP Monitor/PAWZ Agent and FindIT Agent and collect performance and asset data

Node Policies

Asset Type: Server Non-Server

Group: ALL

Node

Name: build

IP Address: 192.168.1.205

DNS Suffix: perfcap.com

OS: Windows

Cluster Member: WindowsCluster

Summary Group Member: ALL Group, Windows Group

Location: PerfCap HQ

Dashboard Location Member: Nashua

Dashboard Service Member:

System Time Zone: Eastern Standard Time

Description:

Is Asset

Asset Agent Port: 3336

Asset Description:

Enable Download

Status: FindIT Agent UP

Templates

Node: PerfCap_Node_Template

Workload: Perfcap_Workload_Template

Plan: default

Data Collection

Dump Interval: 120 seconds

Peak Interval: 5 seconds

Retain data for: 12 days on the node

Restart Attempts: 0

Data Collector Version: V14.0-005:May 23 2017

PAWZ Agent Version: V14.0-005:May 23 2017

Status: Data Collector UP

Status Check Frequency: 2 minutes

Real Time Data Collection

Update frequency: 2 seconds

Status: Real Time UP

Collect All Process Data Collect No Process Data

Real Time Exceptions:

Advanced Data Management

Peak hours: 08:00 To 17:00 (HH:MM)

Top Process Count: 12

Top Port Count: 10

Spec Rating/Weight: 26.20

Email Notification: Specify Notification

Check Local Data Directory

- Non-Server – These are new nodes added solely for asset tracking purpose and will not collect performance data

Node Policies

Asset Type: Server Non-Server

Asset

Name: test11_printer

OS: None

Asset Category: Network Device

Enable Polling

IP Address: 192.168.100.100

DNS Suffix:

Location: Nashua NH

Asset Agent Port:

Asset Description:

Enable Download

Data Collection

Dump Interval: 120 seconds

Peak Interval: 5 seconds

Retain data for: 12 days on the node

Restart Attempts: 0

Data Collector Version: V14.0-005:May 23 2017

PAWZ Agent Version: V14.0-005:May 23 2017

Status: Data Collector UP

Status Check Frequency: 2 minutes

Real Time Data Collection

Update frequency: 2 seconds

Status: Real Time UP

Collect All Process Data Collect No Process Data

Real Time Exceptions:

Advanced Data Management

Peak hours: 08:00 To 17:00 (HH:MM)

Top Process Count: 12

Top Port Count: 10

Spec Rating/Weight: 26.20

Email Notification: Specify Notification

Check Local Data Directory

Non-Server nodes be:

- Pollable with FindIT Agent – These nodes have a valid OS, IP Address, Asset Agent Port and Enable Polling and Enable Download turned ON

These will report asset data collected by FindIT Agent

- “None” OS Pollable – These are devices such as printers, network switches etc. that cannot run FindIT Agent but are pollable and will report some data via SNMP.
- Non-Pollable – These are any items manually entered for tracking. (e.g. Telephone equipment, office furniture, etc.)

Auto-Discovery

Auto-Discovery lets you find and add Asset Nodes by scanning the network. It can look for Nodes running FindIT Agent or find nodes over SNMP.

IP address ranges can be saved for future runs. Nodes to be ignored in subsequent runs can be added to *Ignored Nodes* list

The screenshot shows the PAWZ 14.0a web interface for Auto Discovery. The browser address bar shows the URL 192.168.1.102/home.asp?Page=311. The interface includes a navigation menu with options: View, Manage, Analyze, Plan, and Asset. The 'Asset' menu is expanded, showing sub-options: Report, Admin, settings, and auto discovery. The 'auto discovery' option is selected. The page title is 'Auto Discovery'. Below the title, there is a section for 'Configure IP ranges for Auto Discovery'. This section contains two rows of IP range input fields: 'IP Range Start' and 'IP Range End'. Below these fields is an 'Add range to list' button. There are also buttons for 'Show Ignored Node List' and 'Show Last Auto Discovery Status'. A table displays the current IP range configuration:

IP Range Start	IP Range End	Delete
192.168.1.27	- 192.168.1.29	<input type="checkbox"/>

Below the table is a 'Run AutoDiscovery' button. The interface also includes a footer with links for Help, Info, and Logout.

Auto Discovery Progress

192.168.1.115	FindIT - 3336	Connection timed out: connect	12-Jul-2017 15:56:00
192.168.1.116	SNMP V1	Receive timed out	12-Jul-2017 15:55:00
192.168.1.116	SNMP V2	Receive timed out	12-Jul-2017 15:56:00
192.168.1.116	FindIT - 3336	Success	12-Jul-2017 15:56:00
192.168.1.117	SNMP V1	Receive timed out	12-Jul-2017 15:55:00
192.168.1.117	SNMP V2	Receive timed out	12-Jul-2017 15:56:00
192.168.1.117	FindIT - 3336	Connection timed out: connect	12-Jul-2017 15:56:00
192.168.1.118	SNMP V1	Receive timed out	12-Jul-2017 15:55:00
192.168.1.118	SNMP V2	Receive timed out	12-Jul-2017 15:56:00
192.168.1.118	FindIT - 3336	Success	12-Jul-2017 15:56:00
192.168.1.119	SNMP V1	Receive timed out	12-Jul-2017 15:56:00
192.168.1.119	SNMP V2	Connecting...	12-Jul-2017 15:57:00
192.168.1.120	SNMP V1	Receive timed out	12-Jul-2017 15:56:00
192.168.1.120	SNMP V2	Connecting...	12-Jul-2017 15:57:00
192.168.1.121	SNMP V1	Receive timed out	12-Jul-2017 15:57:00
192.168.1.121	SNMP V2	Connecting...	12-Jul-2017 15:57:00
192.168.1.122	SNMP V1	Receive timed out	12-Jul-2017 15:57:00
192.168.1.122	SNMP V2	Connecting...	12-Jul-2017 15:57:00
192.168.1.123	SNMP V1	Receive timed out	12-Jul-2017 15:57:00
192.168.1.123	SNMP V2	Connecting...	12-Jul-2017 15:57:00

Run AutoDiscovery

Anytime during an Auto Discovery run, nodes that have been successfully discovered are available to be added to PAWZ
 A csv export is available for Auto Discovered nodes.

Auto Discovery

Configure IP ranges for Auto Discovery

IP Range Start

IP Range End

IP Range Start	IP Range End	Delete
192.168.1.100	- 192.168.1.130	<input type="button" value="x"/>
192.168.1.27	- 192.168.1.29	<input type="button" value="x"/>

Auto Discovered Nodes

Name	IP Address	Description	Operating System	Asset Type	Port	Location	Date Discovered
<input type="checkbox"/> rhel4x32.perfcap.com	192.168.1.118	Linux	-Select-	-Select-	3336	Unknown	12-Jul-2017 15:56:00
<input type="checkbox"/> LICENSE	192.168.1.116	Windows	-Select-	-Select-	3336	Unknown	12-Jul-2017 15:56:00

Running AutoDiscovery...

Name	IP Address	Description	Operating System	Asset Type	Port	Location	Date Discovered
rhel4x32.perfcap.com	192.168.1.118	Linux	-Select-	-Select-	3336	Unknown	12-Jul-2017 15:56:00
LICENSE	192.168.1.116	Windows	-Select-	-Select-	3336	Unknown	12-Jul-2017 15:56:00

CSV Importer

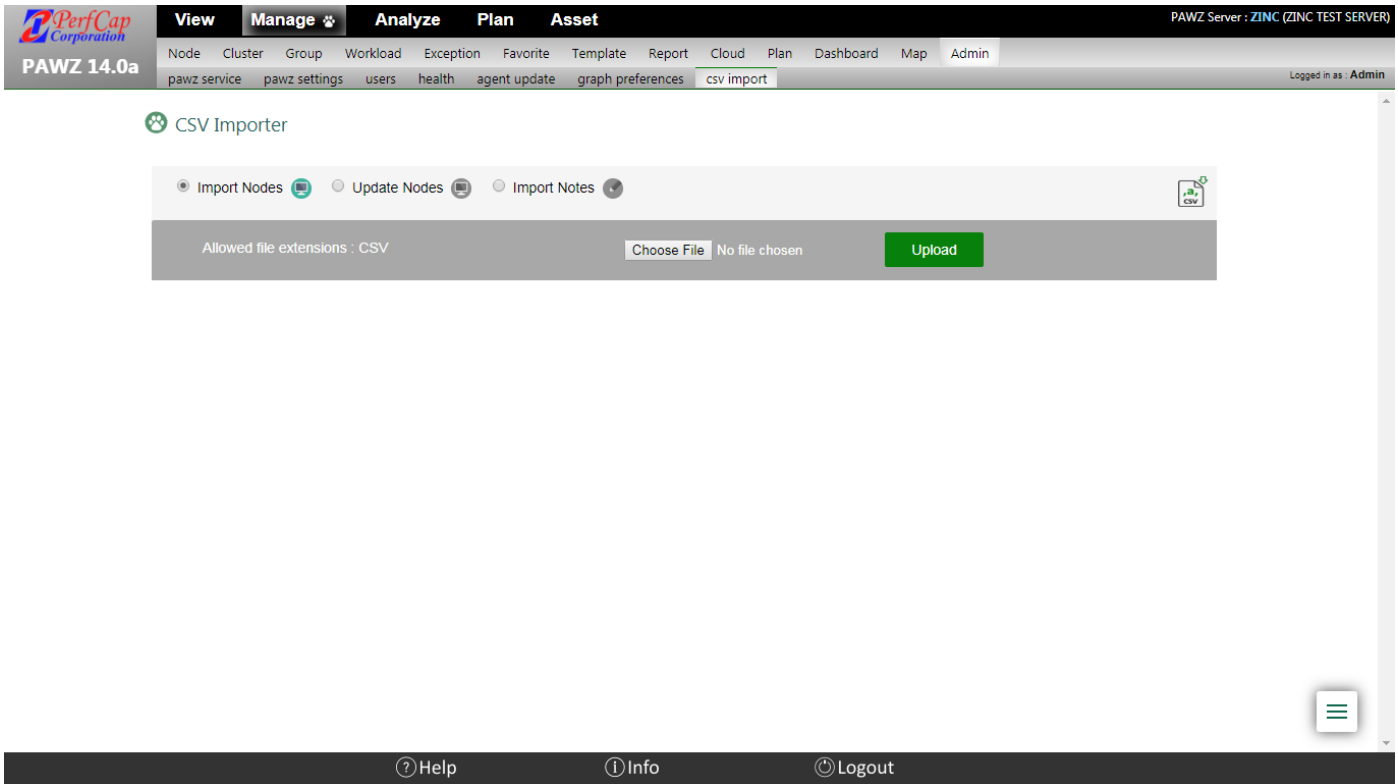
The Nodes CSV Importer has been updated to allow user to import or update Server, Server with Asset or Non-Server Nodes into PAWZ server.

As before, it is available to PAWZ Admin users as well as users who have the "Manage PAWZ Admin" privilege enabled.

Import Nodes

The import nodes feature has been updated to allow privileged users to add Server, Server with Asset or Non-Server Nodes into PAWZ server.

To import nodes into PAWZ:



1. Select the radio button “Import Nodes”
2. Click the “Choose File” button to locate the import .csv file
3. Click the “Upload” button to upload the file

Once the file has been uploaded the contents are displayed.

If column names are included in the file, check the checkbox indicating that the first row has column names.

A dropdown list is available above each column. Select the matching column names from each list box to map the columns.

It is mandatory to provide Type: PAWZ Only (Server) or Server (Server with Asset) or Non-Server

PerfCap Corporation PAWZ 14.0a PAWZ Server : ZINC (ZINC TEST SERVER)

View Manage Analyze Plan Asset

Node Cluster Group Workload Exception Favorite Template Report Cloud Plan Dashboard Map Admin

pawz.service pawz.settings users health agent.update graph.preferences csv.import

CSV Importer

Does the first row contain column headers? Total 6 rows detected

Type/PAWZ Only or Server o	Node Name	IP Address	Operating System	Asset Category	Agent Port	Location	Asset Agent Port	Plan Template Name
Server	Test101	1.1.1.101	windows	server	2789	nashua	3487	planTmp
Server	Test102	1.1.1.102	windows	server	2790	nashua	3488	planTmp
Non-Server	Test103	1.1.1.103	windows	desktop	2794	nashua	3492	planTmp
Non-Server	Test104	1.1.1.104	windows	desktop	2795	nashua	3493	planTmp
PAWZ Only	Test105	1.1.1.105	windows	desktop	6734	nashua	4578	planTmp
PAWZ Only	Test106	1.1.1.106	windows	desktop	6734	nashua	4578	planTmp

Validate Import Nodes Reset

Help Info Logout

Click the *Validate* button to validate the data. If the data is valid then a message is displayed "NOTICE: No Errors detected". Click "Import Nodes" to import.

PerfCap Corporation PAWZ 14.0a PAWZ Server : ZINC (ZINC TEST SERVER)

View Manage Analyze Plan Asset

Node Cluster Group Workload Exception Favorite Template Report Cloud Plan Dashboard Map Admin

pawz.service pawz.settings users health agent.update graph.preferences csv.import

CSV Importer

NOTICE: Errors detected in CSV, please correct before importing

Does the first row contain column headers? Total 6 rows detected

Type/PAWZ Only or Server o	Node Name	IP Address	Operating System	Asset Category	Agent Port	Location	Asset Agent Port	Plan Template Name
Server	Test101	1.1.1.101	Windows	server	2789	Nashua NH	3487	planTmp
Server	Test102	1.1.1.102	Windows	server	2790	Nashua NH	3488	planTmp
Non-Server	Test103	1.1.1.103	Windows	desktop	2794	Nashua NH	3492	planTmp
Non-Server	Test104	1.1.1.104	Windows	desktop	2795	Nashua NH	3493	planTmp
PAWZ Only	Test105	1.1.1.105	Windows	desktop	6734	Nashua NH	4578	planTmp
PAWZ Only	Test106	1.1.1.106	Windows	desktop	6734	Nashua NH	4578	planTmp

Validate Import Nodes Reset

Help Info Logout

PAWZ 14.0a

View Manage Analyze Plan Asset

Node Cluster Group Workload Exception Favorite Template Report Cloud Plan Dashboard Map Admin

pa wz service pa wz settings users health agent update graph preferences csv import

PAWZ Server : ZINC (ZINC TEST SERVER)

Logout: m.es Admin

CSV Importer

NOTICE: No errors detected. Click 'Import Nodes' to import.

Does the first row contain column headers? Yes No

Total 6 rows detected

Type (PAWZ Only or Server)	Node Name	IP Address	Operating System	Asset Category	Agent Port	Location	Asset Agent Port	Plan Template Name
<input checked="" type="checkbox"/> Server	Test101	1.1.1.101	Windows	server	2789	Nashua NH	3487	bigPlanTemplate
<input checked="" type="checkbox"/> Server	Test102	1.1.1.102	Windows	server	2790	Nashua NH	3488	bigPlanTemplate
<input checked="" type="checkbox"/> Non-Server	Test103	1.1.1.103	Windows	desktop	2794	Nashua NH	3492	bigPlanTemplate
<input checked="" type="checkbox"/> Non-Server	Test104	1.1.1.104	Windows	desktop	2795	Nashua NH	3493	bigPlanTemplate
<input checked="" type="checkbox"/> Non-Server	Test105	1.1.1.105	Windows	desktop	6734	Nashua NH	4578	bigPlanTemplate
<input checked="" type="checkbox"/> PAWZ Only	Test106	1.1.1.106	Windows	desktop	6734	Nashua NH	4578	bigPlanTemplate

Validate Import Nodes Reset

Help Info Logout

Click the “Import Nodes” button to import the nodes. If the import is successful, then a checkbox appears to the left of each node. A message “SUCCESS: Successfully imported all rows, no errors detected” is displayed at the top of the dialog.

After successfully importing the nodes, click the “reset” button to reset the page to import additional nodes.

Update Nodes

This new feature allows admin and privileged users to update any property of a node already in PAWZ. The only mandatory field is the node name. This feature allows updating Server, Server with Asset and Non-Server nodes.

Sample uploaded csv for updating nodes:

PerfCap Corporation
PAWZ 14.0a

PAWZ Server: ZINC (ZINC TEST SERVER)

View Manage Analyze Plan Asset

Node Cluster Group Workload Exception Favorite Template Report Cloud Plan Dashboard Map Admin

pa-wz-service pa-wz-settings users health agent-update graph-preferences csv-import

Logged in as: Admin

CSV Importer

Does the first row contain column headers?

Total 6 rows detected

Node Name	IP Address	Location	Agent Port	Plan Template Name	Description
Test105	1.61.1.105	delhi	7856	PlanTmp_1	This is Test Desc
Test106	1.61.1.106	delhi	8078	PlanTmp_1	This is Test Desc
Test101	1.61.1.101	delhi	7876	PlanTmp_1	This is Test Desc
Test102	1.61.1.102	delhi	7877	PlanTmp_1	This is Test Desc
Test103	1.61.1.103	delhi	7878	PlanTmp_1	This is Test Desc
Test104	1.61.1.104	delhi	7879	PlanTmp_1	This is Test Desc

Validate Import Nodes Reset

Help Info Logout

Asset Categories

Asset Categories provide further flexibility to PAWZ Users in identifying Assets

Server Nodes with Asset always have the Asset Category "Server"

Non-Server Assets can be assigned to User Defined Asset Categories

Asset Categories can be added, removed and assigned user uploaded icons through Asset → Admin → settings

PAWZ 14.0a

View Manage Analyze Plan Asset

PAWZ Server: ZINC (ZINC TEST SERVER)

Report Admin

settings auto discovery

FindIT Server: ZINC

Logged in as: Admin

Settings

Asset Global Settings

Data Retention: 365 days

Detailed Logging:

Asset Category: Desktop

Custom Property List: Test_Date_1

Node Downloads Schedule: Nightly(Midnight) Custom

Number of inactive days to disable download: 5 days

Download Disabled Nodes

- bbbb
- ffvbxfdcvxdfv
- itvms
- meridian103
- meridian110
- meridian200
- NPIDC1E4E
- switch01
- switch02
- switch03

Download Enabled Nodes

- aix64
- build
- conference
- copper
- e01amdx1
- e01rheI55
- e01sun32
- e01suse11
- e01ubuntu14043
- e02_db_103

Save Cancel Help Info Logout

An asset Category can track Custom Properties for the Asset Nodes

These properties can be assigned to Asset Categories as follows

PAWZ 14.0a

View Manage Analyze Plan Asset

PAWZ Server: ZINC (ZINC TEST SERVER)

Report Admin

settings auto discovery

FindIT Server: ZINC

Logged in as: Admin

Settings

Asset Global Settings

Data Retention: 365 days

Detailed Logging:

Asset Category: Desktop

Custom Property List: Test_Date_1

Node Downloads Schedule: Nightly(Midnight) Custom

Number of inactive days to disable download: 5 days

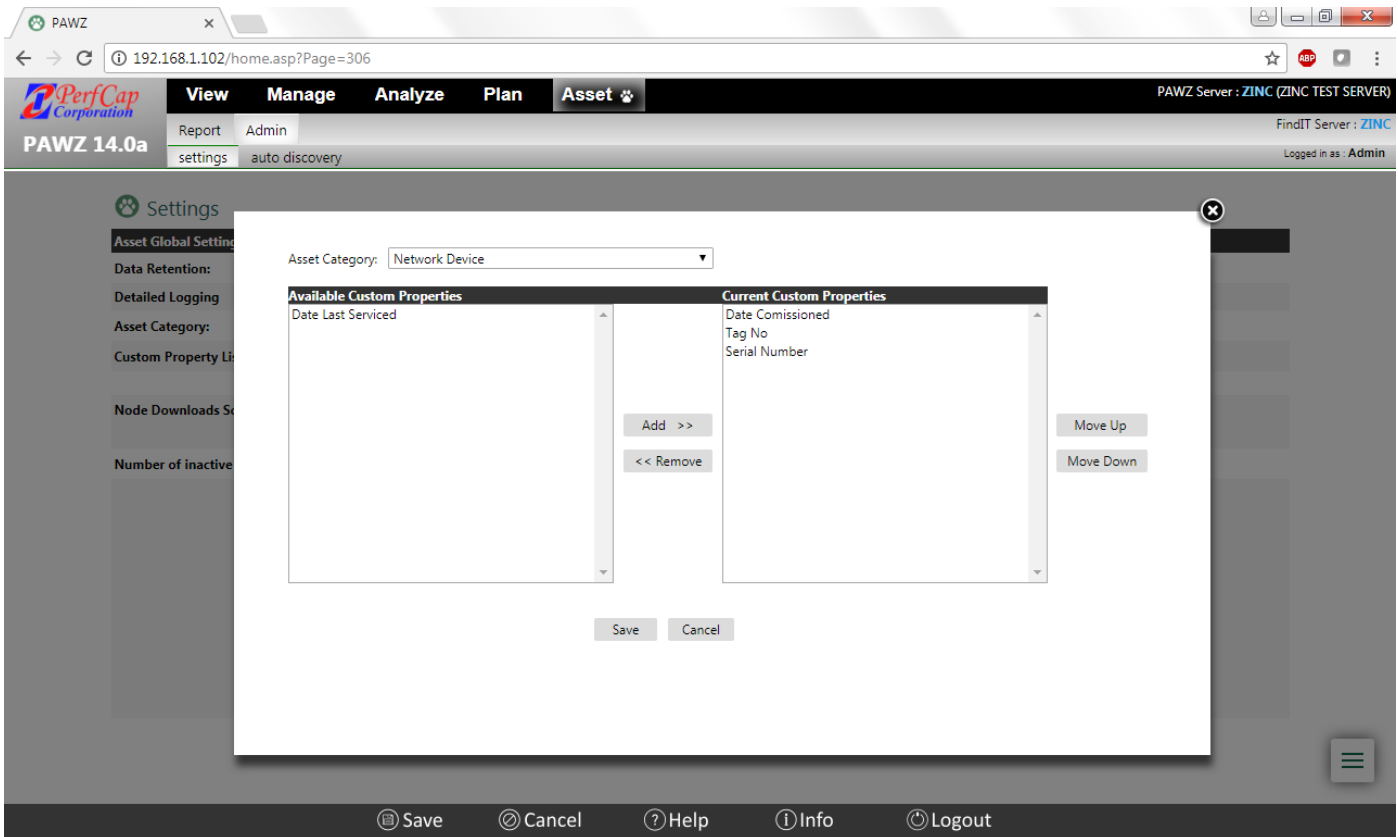
Download Disabled Nodes

- bbbb
- ffvbxfdcvxdfv
- itvms
- meridian103
- meridian110
- meridian200
- NPIDC1E4E
- switch01
- switch02
- switch03

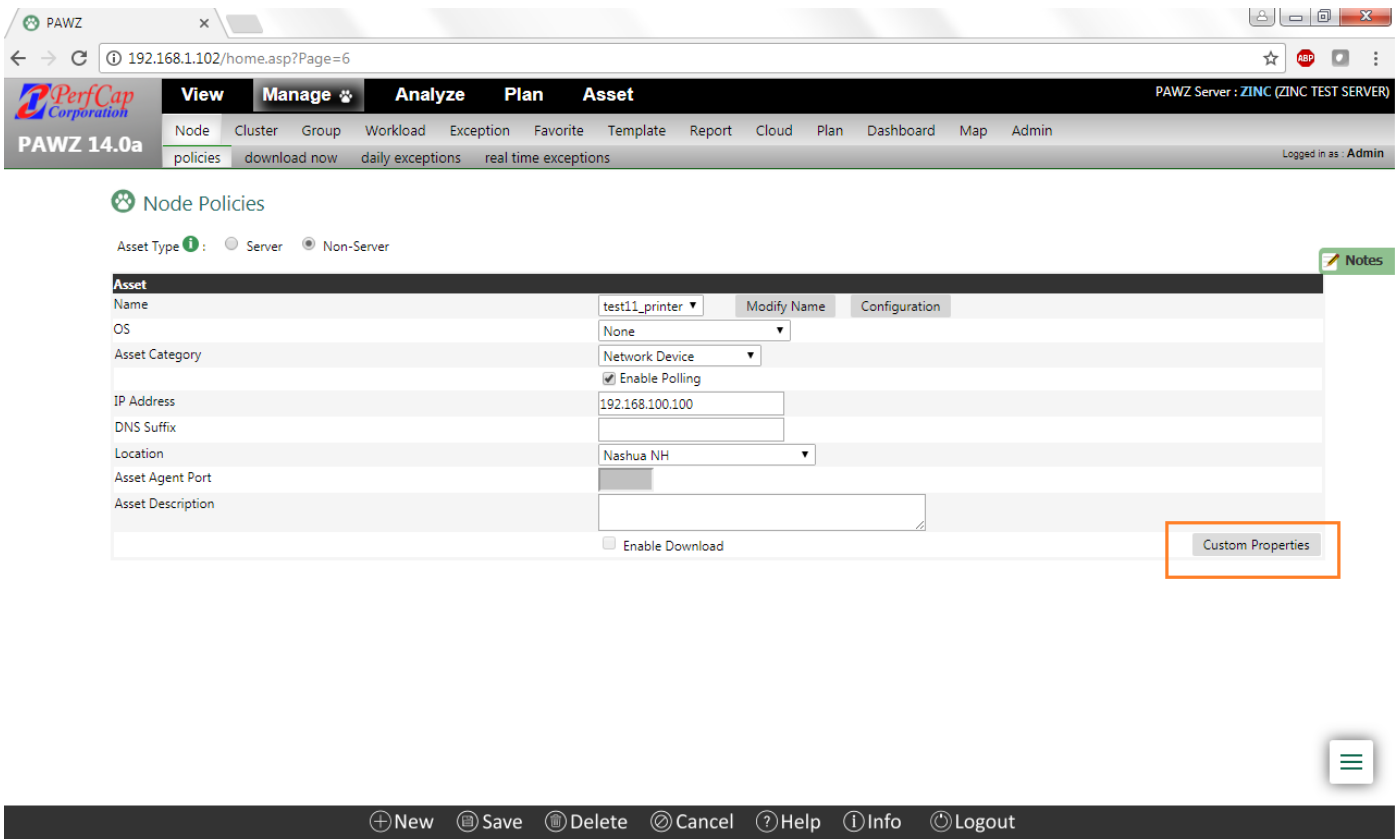
Download Enabled Nodes

- aix64
- build
- conference
- copper
- e01amdx1
- e01rheI55
- e01sun32
- e01suse11
- e01ubuntu14043
- e02_db_103

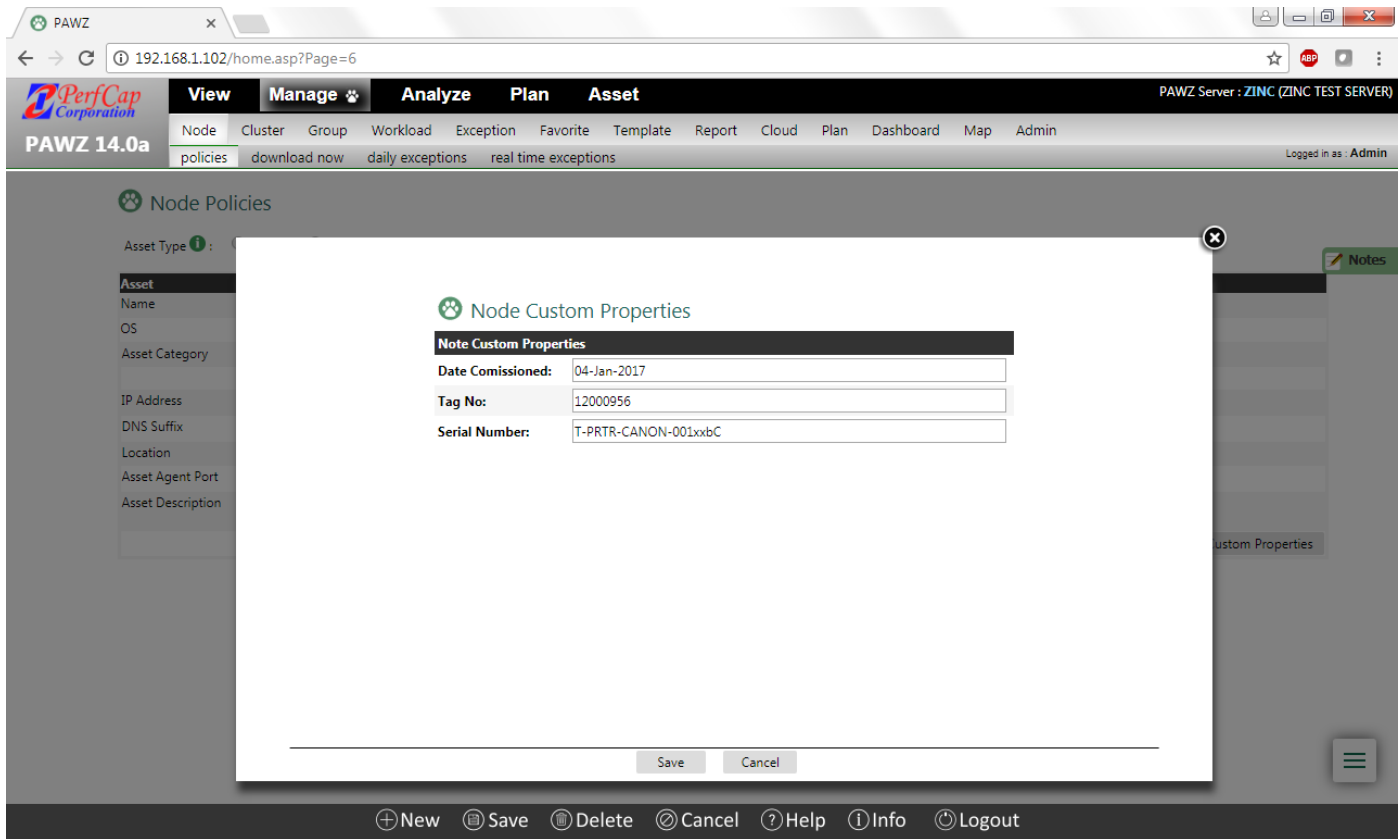
Save Cancel Help Info Logout



Custom properties for a node can be tracked via Manage → Node → policies



Node Custom Properties:



Enable/Disable Download for Asset Nodes

Downloads for Pollable Asset nodes that have not reported data for a few days are put in lower priority by the PAWZ Server.

The number of days can be set as below. Nodes can also be explicitly added to this lower priority list or removed from it.

PAWZ 14.0a Settings

Asset Global Settings

Data Retention: 365 days

Detailed Logging:

Asset Category: Desktop

Custom Property List: Date Comissioned

Node Downloads Schedule: Nightly(Midnight) Custom

Number of inactive days to disable download: 5 days

Download Disabled Nodes	Download Enabled Nodes
bbbb	aix64
ffvbxfdcvxdfv	build
itvms	conference
meridian103	copper
meridian110	e01amdx1
meridian200	e01rhel55
NPIDC1E4E	e01sun32
switch01	e01suse11
switch02	e01ubuntu14043
switch03	e02_db_103

Buttons: Save, Cancel, Help, Info, Logout

Asset Reports

Configuration Report

The Configuration report provides the latest configuration collected from the pollable asset nodes. This includes data from PAWZ Agent as well as FindIT Agent Asset data. These reports allow for a lot of customization and export of data.

Multi-Node View

The default is a multi-node view displaying the "Default" report. The multi-node view is sortable on any column by clicking the column header. The multi-node view will have a column for each data type. Some data types are OS specific and will not always apply to all entries.

PAWZ 14.0a

View Manage Analyze Plan Asset

Report Admin

configuration configuration change file/registry modification software installed software metering report builder

PAWZ Server: PALLADIUM (PALLADIUM) License expiring on 07-Mar-2018

FindIT Server: PALLADIUM License expiring on 07-Mar-2018

Logged in as: Admin

Config Report

Node:

Asset Category:

Location:

Report:

Node	Time PAWZ Configuration Stored	Time Asset Configuration Stored	Assettype	Location	Serial Number	Vendor	System Type	Operating System	Operating Sys
gold	20-Jul-2017 01:02:00	14-Jul-2017 00:00:25	Server	Unknown		HP	ProLiant DL360 G5 (2500.2 MHz)	Linux	Red Hat Enterp Server release 1
vgold	20-Jul-2017 01:01:00	14-Jul-2017 00:00:22	Server	Unknown	VMware-42 22 e2 12 ce c2 f2 c5-e8 33 a1 63 61 ee d1 0f	VMware, Inc.	VMware Virtual Platform (2266.7 MHz)	Linux	Oracle Linux Se
palladium	18-Jul-2017 14:35:00	14-Jul-2017 00:00:12	Server	Unknown	88R1ZB2	Dell Corporation	Inspiron 15-5568	Windows	Microsoft Winc Enterprise
sparc10u11	18-Jul-2017 14:37:00	13-Jul-2017 11:56:00	Server	Unknown	8344cbe8	Sun Microsystems	Sun-Blade-2500	Sun Solaris	5.10

Help Info Logout

Filtering Asset Configuration

The multi-node view can be filtered by *Node*, *Asset Category* and by *Location*. This allows for quickly filtering the asset data.

Sets of filters can be saved into reports.

Select entries from the dropdowns. The report will automatically change when a selection is made.

Select a Node:

PAWZ 14.0a

View Manage Analyze Plan Asset

Report Admin

configuration configuration change file/registry modification software installed software metering report builder

PAWZ Server : PALLADIUM (PALLADIUM)
License expiring on 07-Mar-2018
FindIT Server : PALLADIUM
License expiring on 07-Mar-2018
Logged in as : Admin

Config Report

Node: gold

Asset Category: palladium, sparc10u11, vgold

Location: Default

Node	Time PAWZ Configuration Stored	Time Asset Configuration Stored	Assettype	Location	Serial Number	Vendor	System Type	Operating System	Operating Sys
gold	20-Jul-2017 01:02:00	14-Jul-2017 00:00:25	Server	Unknown		HP	ProLiant DL360 GS (2500.2 MHz)	Linux	Red Hat Enter: Server release
vgold	20-Jul-2017 01:01:00	14-Jul-2017 00:00:22	Server	Unknown	VMware-42 22 e2 12 ce c2 f2 c5-e8 33 a1 63 61 ee d1	VMware, Inc.	VMware Virtual Platform (2266.7 MHz)	Linux	Oracle Linux Sr
palladium	18-Jul-2017 14:35:00	14-Jul-2017 00:00:12	Server	Unknown	B8R1ZB2	Dell Corporation	Inspiron 15-5568	Windows	Microsoft Wint Enterprise
sparc10u11	18-Jul-2017 14:37:00	13-Jul-2017 11:56:00	Server	Unknown	8344cbe8	Sun Microsystems	Sun-Blade-2500	Sun Solaris	5.10

Help Info Logout

Filtered Results from Node Selection:

PAWZ 14.0a

View Manage Analyze Plan Asset

Report Admin

configuration configuration change file/registry modification software installed software metering report builder

PAWZ Server : PALLADIUM (PALLADIUM)
License expiring on 07-Mar-2018
FindIT Server : PALLADIUM
License expiring on 07-Mar-2018
Logged in as : Admin

Config Report

Node: gold

Asset Category: gold, palladium, sparc10u11, vgold

Location: Default

Node	Time PAWZ Configuration Stored	Time Asset Configuration Stored	Assettype	Location	Serial Number	Vendor	System Type	Operating System	Operating System
gold	20-Jul-2017 01:02:00	14-Jul-2017 00:00:25	Server	Unknown		HP	ProLiant DL360 GS (2500.2 MHz)	Linux	Red Hat Enterprise Server release 6.4

Help Info Logout

Custom Asset Configuration Reports

A custom report can be defined to quickly view the asset data in differing ways. Once a report name is defined, the data can be filtered by value and desired columns can be selected.

Press the Add new button, enter a report name and press "Save":

The screenshot shows the PAWZ 14.0a interface. The top navigation bar includes 'View', 'Manage', 'Analyze', 'Plan', and 'Asset'. The 'Asset' menu is active, showing options like 'Report', 'Admin', 'configuration', 'configuration change', 'file/registry modification', 'software installed', 'software metering', and 'report builder'. The main content area is titled 'Config Report' and features a table of assets. Below the table is a report builder section with fields for 'Node', 'Asset Category', and 'Location'. A 'Report' dropdown menu is set to 'Default', and an orange arrow points to the '+' button next to it.

Node	Time PAWZ Configuration Stored	Time Asset Configuration Stored	Assettype	Location	Serial Number	Vendor	System Type	OS
gold	20-Jul-2017 01:02:00	14-Jul-2017 00:00:25	Server	Unknown		HP	ProLiant DL360 G5 (2500.2 MHz)	Linux
vgold	20-Jul-2017 01:01:00	14-Jul-2017 00:00:22	Server	Unknown	VMware-42 22 e2 12 ce c2 f2 c5-e8 33 a1 63 61 ee d1 0f	VMware, Inc.	VMware Virtual Platform (2266.7 MHz)	Linux
palladium	18-Jul-2017 14:35:00	14-Jul-2017 00:00:12	Server	Unknown	B8R1ZB2	Dell Corporation	Inspiron 15-5568	Windows
sparc10u11	18-Jul-2017 14:37:00	13-Jul-2017 11:56:00	Server	Unknown	8344cbe8	Sun Microsystems	Sun-Blade-2500	Sun Solaris

Report Editing

Once the report name is saved, the report builder section is seen.

The screenshot shows the PAWZ 14.0a interface after a report has been saved. The 'Report' dropdown menu is now set to 'New Config Report'. The report builder section is highlighted with an orange box and includes a search field and a 'Select Columns' button. The table of assets is also visible, showing additional columns for 'Operating System'.

Node	Time PAWZ Configuration Stored	Time Asset Configuration Stored	Assettype	Location	Serial Number	Vendor	System Type	Operating System	Operating Sys
gold	20-Jul-2017 01:02:00	14-Jul-2017 00:00:25	Server	Unknown		HP	ProLiant DL360 G5 (2500.2 MHz)	Linux	Red Hat Enter Server release
vgold	20-Jul-2017 01:01:00	14-Jul-2017 00:00:22	Server	Unknown	VMware-42 22 e2 12 ce c2 f2 c5-e8 33 a1 63 61 ee d1 0f	VMware, Inc.	VMware Virtual Platform (2266.7 MHz)	Linux	Oracle Linux S
palladium	18-Jul-2017 14:35:00	14-Jul-2017 00:00:12	Server	Unknown	B8R1ZB2	Dell Corporation	Inspiron 15-5568	Windows	Microsoft Winc Enterprise
sparc10u11	18-Jul-2017 14:37:00	13-Jul-2017 11:56:00	Server	Unknown	8344cbe8	Sun Microsystems	Sun-Blade-2500	Sun Solaris	5.10

The configuration report can be filtered by field values. Select a *Field*, enter a *Value* and press the “Add New” Icon. The value is automatically saved and the multi-node view refreshed. The *Add* new icon is then changed to a *Delete* icon.

The screenshot shows the PAWZ 14.0a Config Report interface. On the left, there are filters for Node, Asset Category, and Location. Below these is a search section with a 'Field' dropdown set to 'Node' and a 'Value' input field containing 'gold'. An orange box highlights the search section, and an orange arrow points to the '+' icon next to the value field. The main table displays configuration data for nodes: gold, vgold, palladium, and sparc10u11. The table columns include Node, Time PAWZ Configuration Stored, Time Asset Configuration Stored, Assettype, Location, Serial Number, Vendor, System Type, Operating System, and Operating System.

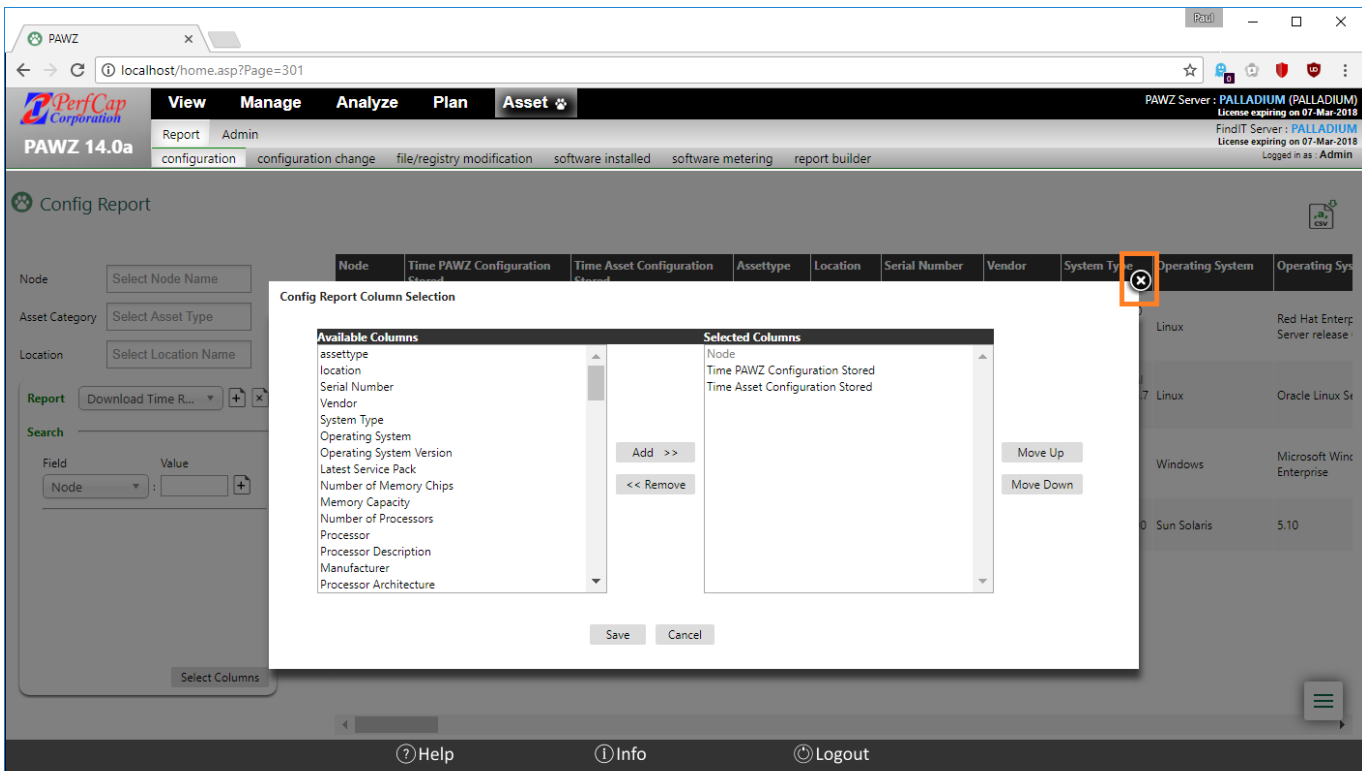
Node	Time PAWZ Configuration Stored	Time Asset Configuration Stored	Assettype	Location	Serial Number	Vendor	System Type	Operating System	Operating System
gold	20-Jul-2017 01:02:00	14-Jul-2017 00:00:25	Server	Unknown		HP	ProLiant DL360 GS (2500.2 MHz)	Linux	Red Hat Enterprise Server release
vgold	20-Jul-2017 01:01:00	14-Jul-2017 00:00:22	Server	Unknown	VMware-42 22 e2 12 ce c2 f2 c5-e8 33 a1 63 61 ee d1 0f	VMware, Inc.	VMware Virtual Platform (2266.7 MHz)	Linux	Oracle Linux Se
palladium	18-Jul-2017 14:35:00	14-Jul-2017 00:00:12	Server	Unknown	B8R1ZB2	Dell Corporation	Inspiron 15-5568	Windows	Microsoft Winc Enterprise
sparc10u11	18-Jul-2017 14:37:00	13-Jul-2017 11:56:00	Server	Unknown	8344cbe8	Sun Microsystems	Sun-Blade-2500	Sun Solaris	5.10

The screenshot shows the PAWZ 14.0a Config Report interface after the search filter has been applied. The search section now shows 'Node : gold' with a '-' icon next to it. A 'Select Columns' dialog box is open at the bottom left, with a 'Select Columns' button. The main table displays the same configuration data as the previous screenshot, but with the search filter applied.

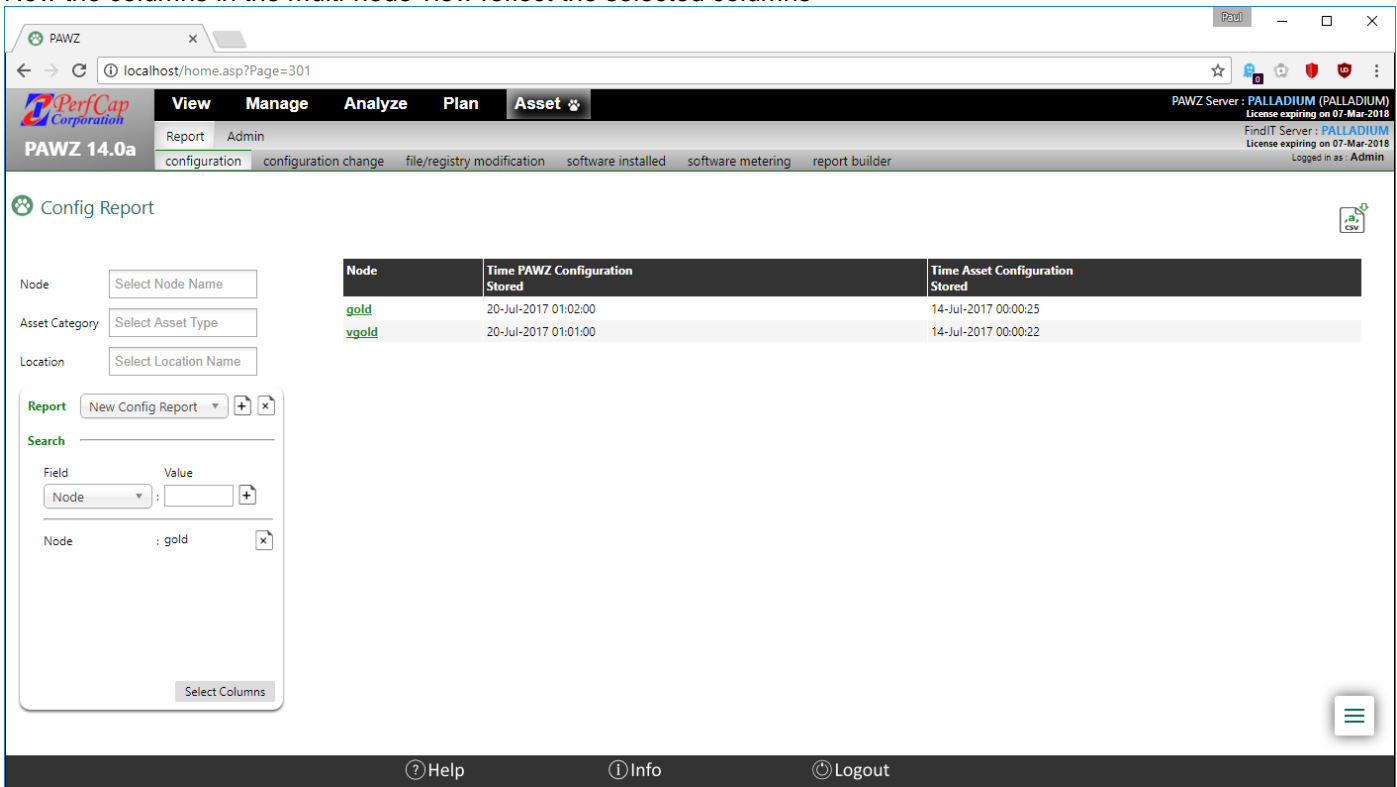
Node	Time PAWZ Configuration Stored	Time Asset Configuration Stored	Assettype	Location	Serial Number	Vendor	System Type	Operating System	Operating System
gold	20-Jul-2017 01:02:00	14-Jul-2017 00:00:25	Server	Unknown		HP	ProLiant DL360 GS (2500.2 MHz)	Linux	Red Hat Enterprise Li Server release 6.4 (Sa
vgold	20-Jul-2017 01:01:00	14-Jul-2017 00:00:22	Server	Unknown	VMware-42 22 e2 12 ce c2 f2 c5-e8 33 a1 63 61 ee d1 0f	VMware, Inc.	VMware Virtual Platform (2266.7 MHz)	Linux	Oracle Linux Server r

Select Columns

Columns can be selected, Press Save and the close button on upper right.



Now the columns in the multi-node view reflect the selected columns



Export

There is also CSV export available on the top right corner.

PAWZ 14.0a

View Manage Analyze Plan Asset

Report Admin

configuration configuration change file/registry modification software installed software metering report builder

PAWZ Server: PALLADIUM (PALLADIUM)
License expiring on 07-Mar-2018
FindIT Server: PALLADIUM
License expiring on 07-Mar-2018
Logged in as: Admin

Config Report

Node:

Asset Category:

Location:

Report:

Node	Time PAWZ Configuration Stored	Time Asset Configuration Stored	Assettype	Location	Serial Number	Vendor	System Type	Operating System	Operating Sys
gold	20-Jul-2017 01:02:00	14-Jul-2017 00:00:25	Server	Unknown		HP	ProLiant DL360 G5 (2500.2 MHz)	Linux	Red Hat Enterprise Server release
vgold	20-Jul-2017 01:01:00	14-Jul-2017 00:00:22	Server	Unknown	VMware-42 22 e2 12 ce c2 f2 c5-e8 33 a1 63 61 ee d1 0f	VMware, Inc.	VMware Virtual Platform (2266.7 MHz)	Linux	Oracle Linux Sr
palladium	18-Jul-2017 14:35:00	14-Jul-2017 00:00:12	Server	Unknown	B8R1ZB2	Dell Corporation	Inspiron 15-5568	Windows	Microsoft Winc Enterprise
sparc10u11	18-Jul-2017 14:37:00	13-Jul-2017 11:56:00	Server	Unknown	8344cbe8	Sun Microsystems	Sun-Blade-2500	Sun Solaris	5.10

Help Info Logout

Single Node View

Selecting a node link from the node column will bring up the individual node view. The single node view displays ALL data available for the selected node. It is independent of the multi-node view report. If you were viewing a multi-node report with selected columns, the single-node view will still display all available data.

PAWZ 14.0a

View Manage Analyze Plan Asset

Report Admin

configuration configuration change file/registry modification software installed software metering report builder

PAWZ Server: ZINC (ZINC TEST SERVER)
FindIT Server: ZINC
Logged in as: Admin

Config Report

Node:

Asset Category:

Location:

Report:

Configuration of node **copper** on Jul 20, 2017 Last polled for Asset Data on **20-Jul-2017 00:02:25**

Resource:

System

Node	copper
Serial number	VMware-56 4d a5 79 44 4f c7 92-cb 73 9e 35 ca c7 53 50
Vendor	VMware, Inc.
Model name	VMware Virtual Platform
Operating System Name	Windows
Operating System Name and Version	Microsoft Windows Server 2008 R2 Standard
Latest Service Pack	Service Pack 1
Memory chips	1
Processors	1
Disk drives	1
System Memory Size	4095
CPU Total GHZ	3.09
CPU Cores Per Socket	2
CPU Threads	2

Help Info Logout

Single-Node view resource

The single-node view is broken onto resource categories. The report will show all resource categories or individual categories.

System

SYSTEM

The system section contains overall system information (e.g. Hostname, Serial Number, System Model, OS, OS Version, etc.)

System	
Node	copper
Serial number	VMware-56 4d a5 79 44 4f c7 92-cb 73 9e 35 ca c7 53 50
Vendor	VMware, Inc.
Model name	VMware Virtual Platform
Operating System Name	Windows
Operating System Name and Version	Microsoft Windows Server 2008 R2 Standard
Latest Service Pack	Service Pack 1
Memory chips	1
Processors	1
Disk drives	1
System Memory Size	4095
CPU Total GHZ	3.09
CPU Cores Per Socket	2
CPU Threads	2
CPU Sockets	1
Time Zone	Eastern Standard Time
Software Bundle Architecture	64
Software Bundle	WINDOWS

PROCESSOR

The processor section contains Processor Type and Processor Architecture. (Fields vary between Operating Systems)

PROCESSOR	
Processor name	Intel(R) Xeon(R) CPU E3-1220 V2 @ 3.10GHz
Processor description	Intel64 Family 6 Model 58 Stepping 9
Processor vendor	GenuineIntel
CPU clock maximum	3092
CPU clock ext	3092
Processor data width	64
Processor cores	2
Processor architecture	x64

ECAP

The ECAP section contains eCAP Monitor software settings.

ECAP	
Collect only Asset data	0
Asset collection scan rate	60000
Asset collection write rate	900
Data collector name	eCAP Monitor
Data collector version	V14.0-005:May 23 2017
Data collector scan rate	5000
Data collector write rate	60
Data collector peak rate	5000
Data directory	C:\Program Files\PerfCap\eCAP\Monitor\data
License type	TEMPORARY
License status	VALID
License expiration	01-Oct-2017
License issuer	PERFCAP
Data collector disk space	14120
Data collector disk space total	102297
Data collector average datafile size	24
Data collector total datafile size	49
Data file retention	30
Detailed Collector (verbose) Logging	0

PAWZAGENT

The PAWZAGENT section contains PAWZ Agent software settings.

PAWZAGENT	
Allow Update	True
Directories to allow access to for appstat files	
Command to Commpress appstat files	
PAWZ Agent Log file retention	5
Detailed PAWZAgent (verbose) Logging	1
PAWZ Agent Priority	1
PAWZ Agent Version	V14.0-005:May 23 2017
PAWZServer IPAddress	0.0.0.0
PAWZ Agent TCP Port	1661

RTA

The RTA section contains PAWZ Real-time Agent software settings.

RTA	
Real-Time Agent Installed	1
Real-Time Agent Version	V14.0-005:May 23 2017
Detailed RealTime (verbose) Logging	0
Collect process data	1
Real-Time TCP Port	2101
Detailed Dashboard (verbose) Logging	0
Max bandwidth for NICs for dashboard	1000
Scan Interval	2
Scan Interval for Dashboard	60

FINDITAGENT

The FINDITAGENT section contains FindIT Agent software settings.

FINDITAGENT	
Findit Agent Installed	1
Findit Agent Version	V14.0-005:May 23 2017
Findit Agent Log file retention	5
Findit Agent Detailed (verbose) Logging	1
Findit Agent TCP Port	3336
Findit Agent License type	TEMPORARY
Findit Agent License status	VALID
Findit Agent License expiration	01-Oct-2017
Findit Agent License issueto	PERFCAP
Last Boot Time	4/2/2017 9:23:00 AM
Firmware	Intel x86_64
Console Version	Phoenix Technologies LTD - 6.00 - 09/21/2015
Date First Seen	5/23/2017 2:17:10 PM
Time Asset Configuration Stored	7/20/2017 12:02:25 AM

File Systems

The File System section contains information on mounted filesystems. NFS mounted file systems are include. Windows Based systems do not list mapped filesystems.

Resource :



File Systems

Name	Mountpoint	Type	Access	Total MB	Used
rpool/ROOT/solaris-2	/	zfs		68544	6112
/devices	/devices	devfs		0	0
/dev	/dev	dev		0	0
ctfs	/system/contract	ctfs		0	0
proc	/proc	proc		0	0
mnttab	/etc/mnttab	mntfs		0	0
swap	/system/volatile	tmpfs	xattr	28782	3
objfs	/system/object	objfs		0	0
sharefs	/etc/dfs/sharetab	sharefs		0	0
fd	/dev/fd	fd	rw	0	0
rpool/ROOT/solaris-2/var	/var	zfs	rw devices setuid nonbmand exec rstchown xattr atime	68544	6112
swap	/tmp	tmpfs	xattr	28779	0

Disks

Resource :



Disks

Name	Class	Type	Cylinders	Tracks	Sectors	MB
c0t600C0FF00013341E0D02265801000000d0		HP-P2000	-1	-1	-1	0
c0t600C0FF00013341EEF01265801000000d0		HP-P2000	-1	-1	-1	0
c2t0d0		HP-P2000	14087	24	424	69995
c2t1d0		HP-P2000	-1	-1	-1	0
c2t2d0		HP-P2000	-1	-1	-1	0
c2t3d0		HP-P2000	-1	-1	-1	0

Network Cards

Network Cards list NIC cards on the system.

Resource :



Network Cards

Name	Type	MAC Address	IP Address
net0:	inet		192.168.0.66
net0:1:	zone		192.168.0.181
net0:2:	zone		192.168.0.184
net0:3:	zone		192.168.0.182
net0:4:	zone		192.168.0.183
net0:5:	zone		192.168.0.187
net0:6:	zone		192.168.0.180
net0:7:	zone		192.168.0.186
net0:8:	zone		192.168.0.185
net0_inet6:	inet6		fe80::214:4fff:fe47:f978/10

Gateways

Resource :



Gateways

System	
route entry	default 19.168.1.175

Name Servers

Resource :



Name Servers

Domain Name	Name Server
perfcap.com	75.75.75.75
perfcap.com	192.168.1.200

Miscellaneous Devices

The miscellaneous device section is platform specific.

Configuration of node **sparc10u11** on Jul 20, 2017

Last polled for Asset Data on **20-Jul-2017 00:00:45**

Resource :



Miscellaneous Devices

Name	Info	Type
/pci@1c 600000/network@3	pci14e4 1647 (network)	MB
/pci@1d 700000/scsi@4	scsi-pci1000 21 (scsi-2)	MB
/pci@1d 700000/scsi@4 1	scsi-pci1000 21 (scsi-2)	MB
/pci@1e 600000/isa@7/serial@0 3f8	isa/su (serial)	MB
/pci@1e 600000/isa@7/serial@0 2e8	isa/su (serial)	MB
/pci@1e 600000/isa@7/dma@0 0	isa/isadma (dma)	MB
/pci@1e 600000/sound@8	pci10b9 5451 (sound)	MB
/pci@1e 600000/ide@d	pci10b9 5229 (ide)	MB
/pci@1e 600000/SUNW XVR-1200@2	SUNW XVR-1200 (display)	MB/PCI4
/pci@1e 600000/display	display-pci3d3d 1044	MB
/pci@1e 600000/pci@4/firewire@b	pciclass 0c0010 (firewire)	MB/PCI0

Software

Software contains installed software and versions.

Configuration of node **gold** on Jul 20, 2017

Last polled for Asset Data on **20-Jul-2017 00:02:35**

Resource :



Software

Product Name	Product Version
abrt	2.0.8-15.el6.x86_64
abrt-addon-ccpp	2.0.8-15.el6.x86_64
abrt-addon-kerneloops	2.0.8-15.el6.x86_64
abrt-addon-python	2.0.8-15.el6.x86_64
abrt-cli	2.0.8-15.el6.x86_64
abrt-desktop	2.0.8-15.el6.x86_64
abrt-gui	2.0.8-15.el6.x86_64
abrt-libs	2.0.8-15.el6.x86_64
abrt-tui	2.0.8-15.el6.x86_64
abyssinica-fonts	1.0-5.1.el6.noarch
acl	2.2.49-6.el6.x86_64
acpid	1.0.10-2.1.el6.x86_64
aic94xx-firmware	30-2.el6.noarch
alsa-lib	1.0.22-3.el6.x86_64

Virtual Memory (Windows)

Configuration of node **ecapdev** on Jul 20, 2017

Last polled for Asset Data on **20-Jul-2017 00:01:39**

Resource :



Virtual Memory

Memory Group	Memory Size	Used Size	DateFirstSeen	DateLastseen
Page File	12271	3897	07-Apr-2017	20-Jul-2017 00:01:48

LMF (OpenVMS)

LMF list contains all LMF PAKs registered for the system. This includes terminated PAKs.

LMF List

Authorization Number	Product Name	Issuer	Producer	Units	Options	Termination Date	Availability	Activity	Status
ALLIANCE-1-I64-140930	X25	HP	HP	0	IA64; PPL	30/09/2014			Disabled
ALLIANCE-1-I64-150731	X25	HP	HP	0	IA64; PPL	31/07/2015			Disabled
ALLIANCE-1-I64-160731	X25	HP	HP	0	IA64; PPL	31/07/2016			Disabled
ALLIANCE-1-I64-170531	X25	HP	HP	0	IA64; PPL	31/05/2017			Disabled
ALLIANCE-1-I64-180531	X25	HP	HP	0	IA64; PPL	31/05/2018			Active
ALLIANCE-1-I64-140930	ABS-CLIENT-I64	HP	HP	0	IA64; PPL	30/09/2014			Disabled
ALLIANCE-1-I64-150731	ABS-CLIENT-I64	HP	HP	0	IA64; PPL	31/07/2015			Disabled
ALLIANCE-1-I64-160731	ABS-CLIENT-I64	HP	HP	0	IA64; PPL	31/07/2016			Disabled
ALLIANCE-1-I64-170531	ABS-CLIENT-I64	HP	HP	0	IA64; PPL	31/05/2017			Disabled
ALLIANCE-1-I64-180531	ABS-CLIENT-I64	HP	HP	0	IA64; PPL	31/05/2018			Active
ALLIANCE-1-I64-140930	ABS-SERVER-I64	HP	HP	0	IA64; PPL	30/09/2014			Disabled
ALLIANCE-1-I64-150731	ABS-SERVER-I64	HP	HP	0	IA64; PPL	31/07/2015			Disabled
ALLIANCE-1-I64-160731	ABS-SERVER-I64	HP	HP	0	IA64; PPL	31/07/2016			Disabled
ALLIANCE-1-I64-170531	ABS-SERVER-I64	HP	HP	0	IA64; PPL	31/05/2017			Disabled

Configuration change tracking report

This report allows tracking recent configuration changes on a pollable asset node.

Report can be filtered by Node, Resource, Description and "Since" Date

Report can be sorted by any report column.

CSV Export of the reported data is available.

PAWZ 14.0a | View Manage Analyze Plan Asset | PAWZ Server: ZINC (ZINC TEST SERVER) | FindIT Server: ZINC | Admin | configuration configuration change file/registry modification software installed software metering report builder | Logged in as: Admin

Change Report

Most Recent Configuration Changes

Node

build x

e01sun32 x

e01use11 x

ecapdev x

ibm9114 x

itvms x

Resource

Disk x

File Systems x

Software x

System x

Description

Search in description

Since

02-Jul-2017

Go

Name	IP Address	Location	Resource Type	Description	Time Stamp
ecapdev	192.168.1.167	Unknown	Disk	\\.\PHYSICALDRIVE1 added	13-Jul-2017 00:01:37
ecapdev	192.168.1.167	Unknown	File System	D:\, deleted	13-Jul-2017 00:01:37
ecapdev	192.168.1.167	Unknown	File System	E:\BACKUP added	13-Jul-2017 00:01:37
ecapdev	192.168.1.167	Unknown	File System	D:\CENA_X64FREV_EN-US_DV5 added	13-Jul-2017 00:01:37
ecapdev	192.168.1.167	Unknown	Software	Nero 7 Ultra Edition,7.01.0741 deleted	13-Jul-2017 00:01:33
ecapdev	192.168.1.167	Unknown	System	last boot time changed from 10-Jul-2017 08:17 to 12-Jul-2017 12:23	13-Jul-2017 00:01:33
ecapdev	192.168.1.167	Unknown	Disk	\\.\PHYSICALDRIVE1 deleted	12-Jul-2017 00:01:55
ecapdev	192.168.1.167	Unknown	File System	E:\BACKUP deleted	12-Jul-2017 00:01:54
ecapdev	192.168.1.167	Unknown	System	last boot time changed from 23-Jun-2017 09:45 to 10-Jul-2017 08:17	11-Jul-2017 00:01:08
ecapdev	192.168.1.167	Unknown	Software	Microsoft Silverlight,5.1.50906.0 deleted	10-Jul-2017 00:01:31
ecapdev	192.168.1.167	Unknown	Software	Microsoft Silverlight,5.1.50907.0 added	10-Jul-2017 00:01:31
ecapdev	192.168.1.167	Unknown	Software	PAWZserver,14.0.0.5 deleted	08-Jul-2017 00:01:56
ecapdev	192.168.1.167	Unknown	Software	PAWZserver,14.0.1.0 added	08-Jul-2017 00:01:56
build	192.168.1.205	PerfCap HQ	Software	PAWZserver,14.0.1.0 added	07-Jul-2017 00:00:10
build	192.168.1.205	PerfCap HQ	System	last boot time changed from 15-May-2017 12:14 to 15-May-2017 12:15	07-Jul-2017 00:00:10
ecapdev	192.168.1.167	Unknown	Software	Mozilla Maintenance Service,54.0.0.6368 deleted	06-Jul-2017 00:01:41
ecapdev	192.168.1.167	Unknown	Software	Mozilla Firefox 54.0 (x86 en-US),54.0 deleted	06-Jul-2017 00:01:41
ecapdev	192.168.1.167	Unknown	Software	Mozilla Maintenance Service,54.0.1.6388 added	06-Jul-2017 00:01:41
ecapdev	192.168.1.167	Unknown	Software	Mozilla Firefox 54.0.1 (x86 en-US),54.0.1 added	06-Jul-2017 00:01:41

Help Info Logout

Software Installed tracking & reporting

This Report allows tracking of Software installed on the pollable Asset Nodes.

Report can be used to find all nodes running particular software or all the software running on a particular node.

CSV Export of the reported data is available.

PAWZ 14.0a

View Manage Analyze Plan Asset

Report Admin

PAWZ Server: ZINC (ZINC TEST SERVER)

FindIT Server: ZINC

configuration configuration change file/registry modification software installed software metering report builder

Logged in as: Admin

Software Report

Node:

Software:

Name	Software	Product Version	Date First Seen	Date Last Seen
e01rhel55	pawz	12.0.0-1	20-Jun-2017 00:01:58	13-Jul-2017 00:01:07
e01rhel55	pawz	12.0.0-1	01-Jun-2017 00:01:28	18-Jun-2017 00:02:03
e01rhel55	pawz	12.0.0-1	29-May-2017 00:00:26	30-May-2017 00:01:29
e01amd64	pawz	14.0.0-1	23-May-2017 15:31:04	13-Jul-2017 00:01:03
vable	pawz	12.1.0.0-1.x86_64	23-May-2017 10:37:13	25-May-2017 00:01:29
foolsgold	pawz	11.1.1.0-1	12-May-2017 15:19:08	13-Jul-2017 00:01:55
e01suse11	pawz	12.1.0.0-1	07-May-2017 00:00:56	13-Jul-2017 00:01:40
gold	pawz	12.1.0.0-1.x86_64	01-May-2017 11:37:18	13-Jul-2017 00:01:12
e01rhel55	pawz	12.0.0-1	01-May-2017 11:36:32	27-May-2017 00:00:22
e01suse11	pawz	12.1.0.0-1	21-Apr-2017 00:01:03	05-May-2017 00:00:31
gold	pawz	12.1.0.0-1.x86_64	20-Apr-2017 00:00:57	24-Apr-2017 00:00:22
e01suse11	pawz	12.1.0.0-1	18-Apr-2017 00:00:59	19-Apr-2017 00:00:52
e01suse11	pawz	12.1.0.0-1	08-Apr-2017 00:00:56	13-Apr-2017 00:01:13
e01rhel55	pawz	12.0.0-1	04-Apr-2017 00:00:51	24-Apr-2017 00:00:19
e01suse11	pawz	12.1.0.0-1	04-Apr-2017 00:00:48	06-Apr-2017 00:00:52
gold	pawz	12.1.0.0-1.x86_64	04-Apr-2017 00:00:47	14-Apr-2017 00:00:41
godel	pawz	12.0.0-1	04-Apr-2017 00:00:41	13-Jul-2017 00:01:53

Help Info Logout

Software Metering

The Application Metering function provides a snapshot of the number of nodes that ran a metered image (process) for at least once a Day, Week, Month or Never. For example: how many systems run java in the last month.

Installed Software

Using Installed software, select a software name that has been detected as running on a system in your asset nodes. After the application name has been selected, select an image name to be associated with that application and press save.

As nightly asset data is accumulated, the counts will update to reflect where the images were run. The results are displayed by application name. The left side of the page contains the application name and the image name associated with it.

PAWZ 14.0a PAWZ Server : ZINC (ZINC TEST SERVER) FindIT Server : ZINC

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Report Admin configuration configuration change file/registry modification software installed software metering report builder

Software Metering Report

Installed Software Custom Software (Image)

Software Select

Application	Image Name [Required]	Include Weekends
PAWZserver	Select an Option	ON
PerfCap Agents (Windows-64bit)	pawzagent	ON
Microsoft Office	winword	OFF
Java 8 Update 101	java	OFF
Microsoft Office Professional Plus 2013	OUTLOOK	OFF

Software Metering Report for 4 weeks ending 17-Aug-2017

Number of Nodes which ran the following Applications at least once per:
Click on the number to view the Node names.

Date 17-Aug-2017 # of Weeks 4 Go

Name	Date Defined	Day	Week	Month	Never
Java 8 Update 101	15-Jun-2017 12:28:00	1	1	12	60
Microsoft Office	15-Jun-2017 12:25:00	0	0	0	72
Microsoft Office Professional Plus 2013	15-Jun-2017 15:11:00	0	0	0	72
PAWZserver	18-May-2017 09:09:00	4	4	6	66
PerfCap Agents (Windows- 64bit)	07-Jun-2017 08:18:00	3	3	33	39

Help Info Logout

Clicking on the count, will give the systems that were running the application (or in the case of never, never ran the application)

PAWZ 14.0a

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Report Admin

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PAWZ Server: ZINC (ZINC TEST SERVER)

FindIT Server: ZINC

Logged in as: Paul

Software Metering Report

Application Metering Node Report

12 node(s) ran application **Java 8 Update 101**
at least once per month for 4 week(s) ending 17-Aug-2017:

list of nodes

Node Names	Never
e02_pawz_103	60
ecapdev	72
sparc10u11	72
copper	66
sunx64z0	39
vcoreap64	
zinc	
vfindit	
sunx64g	
h01_pawz_103	
e01sun32	
zsunfire1	

Help Info Logout

Custom Software

Using custom software, the software/application name is not required, enter a name for the application, specify a path (optional) and select an image name from the list of previously seen images.

PAWZ 14.0a | View Manage Analyze Plan Asset | PAWZ Server : ZINC (ZINC TEST SERVER) | FindIT Server : ZINC | Logged in as - Paul

Software Metering Report

Installed Software
 Custom Software (Image)

Name: + x
 + Add file path

File/Registry Path
 File: x
 Include Weekends: OFF
 Image Name: + x

Software Metering Report for 1 weeks ending 17-August-2017

Number of Nodes which ran the following Applications at least once per:
Click on the number to view the Node names.

Date: # of Weeks: Go

Name	Date Defined	Day	Week	Month	Never
java	15-Jun-2017 12:27:00	5	5	5	67

[? Help](#)
[i Info](#)
[Logout](#)

PAWZ 14.0a

View Manage Analyze Plan Asset

Report Admin

configuration configuration change file/registry modification software installed software metering report builder

PAWZ Server : ZINC (ZINC TEST SERVER)

FindIT Server : ZINC

Logged in as - Paul

Software Metering Report

Application Metering Node Report

5 node(s) ran application **java**
at least once per day for 1 week(s) ending **17-August-2017** :

list of nodes

Node Names
sparc10u11
zinc
sunx64z0
e01sun32
vc0reap64

Help Info Logout

File/Registry modification tracking

File Modification Tracking

FindIT Asset server has the capability to monitor individual file modification times. Once a file is added to the File Modification tracking page. FindIT asset server will compare file modification times each download and produce a change record if the file was modified

PAWZ 14.0a

View Manage Analyze Plan Asset

Report Admin

configuration configuration change file/registry modification software installed software metering report builder

PAWZ Server : PALLADIUM (PALLADIUM)
License expiring on 07-Mar-2018

FindIT Server : PALLADIUM
License expiring on 07-Mar-2018
Logged in as : Admin

File/Registry Modification Report

Node:

Resource:

Path:

Name:

Help Info Logout

Add Path AND filename. (This example uses */usr/local/perfcap/ecap-monitor.txt* and *C:\Program Files\Perfcap\ecap\monitor\ecap-monitor.txt*)

PAWZ 14.0a

View Manage Analyze Plan Asset

Report Admin

configuration configuration change file/registry modification software installed software metering report builder

PAWZ Server : PALLADIUM (PALLADIUM) License expiring on 07-Mar-2018
FindIT Server : PALLADIUM License expiring on 07-Mar-2018
Logged in as : Admin

File/Registry Modification Report

Node:

Resource:

Path:

Name:

File

File/Registry Path	Recursive
File /usr/local/perfcap/ecap-monitor.txt	<input type="button" value="x"/>

Help Info Logout

Now when Asset data is loaded the files and modification times are listed.

PAWZ 14.0a

View Manage Analyze Plan Asset

Report Admin

configuration configuration change file/registry modification software installed software metering report builder

PAWZ Server: PALLADIUM (PALLADIUM) License expiring on 07-Mar-2018

FindIT Server: PALLADIUM License expiring on 07-Mar-2018

Logged in as: Admin

File/Registry Modification Report

Node:

Resource:

Path:

Name:

Name	Type	Path	Value	Modified Time	Date First Seen	Date Last Seen
e01amdx1	File	/usr/local/perfcap/ecap-monitor.txt		11-May-2017 12:16:32	25-Jul-2017 16:02:11	25-Jul-2017 16:02:11
palladium	File	C:\program files\perfcap\ecap\monitor\ecap-monitor.txt		23-May-2017 17:48:20	25-Jul-2017 15:52:03	25-Jul-2017 15:52:03
vgold	File	/usr/local/perfcap/ecap-monitor.txt		23-May-2017 10:12:59	25-Jul-2017 16:02:46	25-Jul-2017 16:02:46

File/Registry Path Recursive

File	/usr/local/perfcap/ecap-monitor.txt	<input type="checkbox"/>
File	C:\program files\perfcap\ecap\monitor\ecap-m	<input type="checkbox"/>

Help Info Logout

Registry Modification Tracking (Windows)

FindIT Asset server has the capability to monitor Windows System registry values. Once a registry entry is added to the Registry tracking page, FindIT asset server will compare file values on each download and produce a change record if the registry entry value was changed. The Windows Registry Entry rules are applied to ALL Windows Systems.

PAWZ 14.0a

View Manage Analyse Plan Asset

Report Admin

configuration configuration change file/registry modification software installed software metering report builder

PAWZ Server: PALLADIUM (PALLADIUM)
License expiring on 07-Mar-2018

FindIT Server: PALLADIUM
License expiring on 07-Mar-2018
Logged in as: Admin

File/Registry Modification Report

Node:

Resource:

Path:

Name:

Help Info Logout

Press Add Registry path and enter a registry key or registry path. You can also select whether to use a recursive search. And press the Add button.

Our example uses `\\HKEY_LOCAL_MACHINE\SOFTWARE\JavaSoft\Java Runtime Environment\CurrentVersion`

PAWZ 14.0a

View Manage Analyze Plan Asset

Report Admin

configuration configuration change file/registry modification software installed software metering report builder

PAWZ Server: PALLADIUM (PALLADIUM)
License expiring on 07-Mar-2018

FindIT Server: PALLADIUM
License expiring on 07-Mar-2018
Logged in as: Admin

File/Registry Modification Report

Node: Select Node Name

Resource: All

Path: Search in Path Go

Name: + Add file path + Add registry path

File/Registry Path	Recursive
Registry \\HKEY_LOCAL_MACHINE\\SOFTWARE\\JavaSoft\\NO	<input type="checkbox"/>

Help Info Logout

After asset data has loaded, the results of registry keys and values will appear on righthand side of the page.

PAWZ 14.0a

View Manage Analyze Plan Asset

Report Admin

configuration configuration change file/registry modification software installed software metering report builder

PAWZ Server: PALLADIUM (PALLADIUM)
License expiring on 07-Mar-2018

FindIT Server: PALLADIUM
License expiring on 07-Mar-2018

Logged in as: Admin

File/Registry Modification Report

Node:

Resource:

Path:

Name:

File/Registry Path:

Recursive:

Name	Type	Path	Value	Modified T
jaguar	Registry	\\HKEY_LOCAL_MACHINE\SOFTWARE\JavaSoft\Java Runtime Environment\CurrentVersion	1.8	
palladium	Registry	\\HKEY_LOCAL_MACHINE\SOFTWARE\JavaSoft\Java Runtime Environment\CurrentVersion	1.8	
zinc	Registry	\\HKEY_LOCAL_MACHINE\SOFTWARE\JavaSoft\Java Runtime Environment\CurrentVersion	1.8	

Help Info Logout

The results table has *the Value, Date First Seen, Date Last Seen*. (The Modified Time is only applicable to file modification)

Registry Recursive:

Press Add Registry path and enter a registry key or registry path. You can also select whether to use a recursive search by selecting the **Recursive** checkbox; And press the *Add* button.

Our example uses `\\HKEY_LOCAL_MACHINE\SOFTWARE\PERFCAP`

Caution:

1 or 2 recursion levels are recommended. More than this causes a lot of resources usage on the remote server/desktop running the FINDIT agent.

The screenshot shows a web browser window displaying the PAWZ 14.0a interface. The browser's address bar shows the URL `localhost/home.asp?Page=303`. The interface has a dark header with the PerfCap Corporation logo on the left and navigation tabs: **View**, **Manage**, **Analyze**, **Plan**, and **Asset**. The **Asset** tab is active. On the right side of the header, it displays: **PAWZ Server: PALLADIUM (PALLADIUM)**, **License expiring on 07-Mar-2018**, **FindIT Server: PALLADIUM**, **License expiring on 07-Mar-2018**, and **Logged in as: Admin**. Below the header is a sub-menu with options: **Report**, **Admin**, **configuration**, **configuration change**, **file/registry modification** (highlighted), **software installed**, **software metering**, and **report builder**. The main content area is titled **File/Registry Modification Report**. It contains a search form with fields for **Node** (with a dropdown menu), **Resource** (with a dropdown menu set to "All"), and **Path** (with a text input "Search in Path" and a "Go" button). Below the search form is a list of results under the heading "Name". There are two buttons: "+ Add file path" and "+ Add registry path". The first result is a registry key: **Registry** **HKEY_LOCAL_MACHINE\SOFTWARE\PERFCAP** with a checked **Recursive** checkbox and a "+" icon to its right.

After asset data has loaded, the results of where this registry key was found and its value will appear.

PAWZ 14.0a

View Manage Analyze Plan Asset

Report Admin

configuration configuration change file/registry modification software installed software metering report builder

PAWZ Server: PALLADIUM (PALLADIUM)
License expiring on 07-Mar-2018

FindIT Server: PALLADIUM
License expiring on 07-Mar-2018
Logged in as: Admin

File/Registry Modification Report

Node:

Resource:

Path:

Name:

File/Registry Path	Recursive
Registry \\KEY_LOCAL_MACHINE\SOFTWARE\PERFCAP YES	<input type="checkbox"/>

Name	Type	Path
palladium	Registry	HKEY_LOCAL_MACHINE\SOFTWARE\PERFCAP\PerfCapRoot
palladium	Registry	HKEY_LOCAL_MACHINE\SOFTWARE\PERFCAP\FINDITagent\ConfigDirectory
palladium	Registry	HKEY_LOCAL_MACHINE\SOFTWARE\PERFCAP\FINDITagent\AutoDiscAgent
palladium	Registry	HKEY_LOCAL_MACHINE\SOFTWARE\PERFCAP\FINDITagent\LogRetention
palladium	Registry	HKEY_LOCAL_MACHINE\SOFTWARE\PERFCAP\FINDITagent\DataRetention
palladium	Registry	HKEY_LOCAL_MACHINE\SOFTWARE\PERFCAP\FINDITagent\ServerIpAddress
palladium	Registry	HKEY_LOCAL_MACHINE\SOFTWARE\PERFCAP\FINDITagent\RemoteComma
palladium	Registry	HKEY_LOCAL_MACHINE\SOFTWARE\PERFCAP\FINDITagent\SystemMemory
palladium	Registry	HKEY_LOCAL_MACHINE\SOFTWARE\PERFCAP\FINDITagent\InstallDirectory
palladium	Registry	HKEY_LOCAL_MACHINE\SOFTWARE\PERFCAP\FINDITagent\Port
palladium	Registry	HKEY_LOCAL_MACHINE\SOFTWARE\PERFCAP\FINDITagent\SystemModel
palladium	Registry	HKEY_LOCAL_MACHINE\SOFTWARE\PERFCAP\FINDITagent\TmpDirectory
palladium	Registry	HKEY_LOCAL_MACHINE\SOFTWARE\PERFCAP\FINDITagent\MonitorProcess

Help Info Logout

Report builder

FindIT Asset Report Builder allows for complex filtering of the asset data to build reports.

PAWZ 14.0a Report Builder

Report: Default

Name	DNS/IP Address	Location	OS	Serial Number	Asset Number	Agent Release	SPEC Rating	IPAddress	Last Poll	Asset Type
gold	192.168.1.133	Unknown	Linux	00000000		FindIT Agent V14.0-005 (Build: May 24 2017)		192.168.1.133	14-Jul-2017 00:00:25	Server
palladium	192.168.1.20	Unknown	Windows	B8R1ZB2		FindIT Agent V14.0-005 (Build: May 23 2017)		192.168.200.6	14-Jul-2017 00:00:12	Server
sparc10u11	192.168.1.227	Unknown	Solaris	8344cbe8		FindIT Agent V14.0-005 (Build: May 24 2017)		192.168.1.227	13-Jul-2017 11:56:00	Server
vgold	192.168.1.130	Unknown	Linux	VMware-42 22 e2 12 ce c2 f2 c5-e8 33 a1 63 61 ee d1 0f		FindIT Agent V14.0-005 (Build: May 24 2017)		192.168.1.130	14-Jul-2017 00:00:22	Server

Select the *Add* button to add a report. Enter a report name, press *Save* Icon and the Report builder section will appear.

PAWZ 14.0a Report Builder

Report: New Report

Search Criteria

Logical	Field	Condition	Value
and	Name	equal to	

Select Columns

Name	DNS/IP Address	Location	OS	Serial Number	Asset Number	Agent Release	SPEC Rating	IPAddress	Last Poll	Asset Type
gold	192.168.1.133	Unknown	Linux	00000000		FindIT Agent V14.0-005 (Build: May 24 2017)		192.168.1.133	14-Jul-2017 00:00:25	Server
palladium	192.168.1.20	Unknown	Windows	B8R1ZB2		FindIT Agent V14.0-005 (Build: May 23 2017)		192.168.200.6	14-Jul-2017 00:00:12	Server
sparc10u11	192.168.1.227	Unknown	Solaris	8344cbe8		FindIT Agent V14.0-005 (Build: May 24 2017)		192.168.1.227	13-Jul-2017 11:56:00	Server
vgold	192.168.1.130	Unknown	Linux	VMware-42 22 e2 12 ce c2 f2 c5-e8 33 a1 63 61 ee d1 0f		FindIT Agent V14.0-005 (Build: May 24 2017)		192.168.1.130	14-Jul-2017 00:00:22	Server

Report editing allows for selection of multiple conditions using Condition1 AND Condition2 and using Condition3 OR Condition4

Logical Conditions

- AND
- OR

Field Value Conditions

Strings

- Equal to
- Not equal to
- Contains
- Does not contain
- Starts with
- Does not start with
- Is null
- Is not null

Date/Time

- Before
- After
- Equal to
- Not equal to
- Is null
- Is not null

Numeric

- Equal to
- Not equal to
- Less than
- Greater than
- Is null
- Is not null

Building Reports

Select Field, Condition enter a Value and press Add. The rule is immediately applied and save and the results are shown.

The screenshot shows the PAWZ 14.0a Report Builder interface. The top navigation bar includes 'View', 'Manage', 'Analyze', 'Plan', and 'Asset'. The 'Asset' tab is active, and the 'Report Builder' sub-tab is selected. The interface displays a search criteria table and a list of assets.

Search Criteria

Logical	Field	Condition	Value
and	OS version	contains	Red Hat
	OS	=	Linux
and	OS version	contains	Red Hat

Assets Table

Name	DNS/IP Address	Location	OS	Serial Number	Asset Number	Agent Release	SPEC Rating	IPAddress	Last Poll	Asset Type	Agent Status	Last
e01amdX1	192.168.1.137	PerfCap HQ	Linux	VMware-56 4d a0 17 93 24 8a 78-90 17 8c 7e dd ba 7c ff		FindIT Agent V14.0-005 (Build: May 24 2017)		192.168.1.137	21-Jul-2017 00:01:13	Server	CONNECTION SUCCESSFUL	22-M
e01rhei55	192.168.1.196	Nashua NH	Linux	VMware-56 4d 2a 06 0e 08 6a d3-5d 2f b5 fa ed 39 bb ee		FindIT Agent V14.0-005 (Build: May 24 2017)		192.168.1.196	21-Jul-2017 00:00:58	Server	CONNECTION SUCCESSFUL	22-D
gold	192.168.1.133	Unknown	Linux	00000000		FindIT Agent V14.0-005 (Build: May 24 2017)		192.168.1.133	20-Jul-2017 00:02:35	Server	CONNECTION FAILED	11-Ju
linux32dev	192.168.1.135	Nashua NH	Linux	a8c08701		FindIT Agent V14.0-005 (Build: May 24 2017)		192.168.1.135	21-Jul-2017 00:02:28	Server	CONNECTION SUCCESSFUL	24-M
vable	192.168.0.74	Forest Park IL	Linux	VMware-56 4d 5d 5e 6a 17 23 59-41 68 2b 78 0c 14 95 06		FindIT Agent V14.0-004 (Build: May 19 2017)		192.168.0.74	25-May-2017 00:01:27	Server	CONNECTION FAILED	08-M

Once a condition is added to a report it can easily be deleted with the *delete* button.

Thank You

If you have any questions please contact us

E-Mail: Support@perfcap.com

Phone: +1 603-594-0222