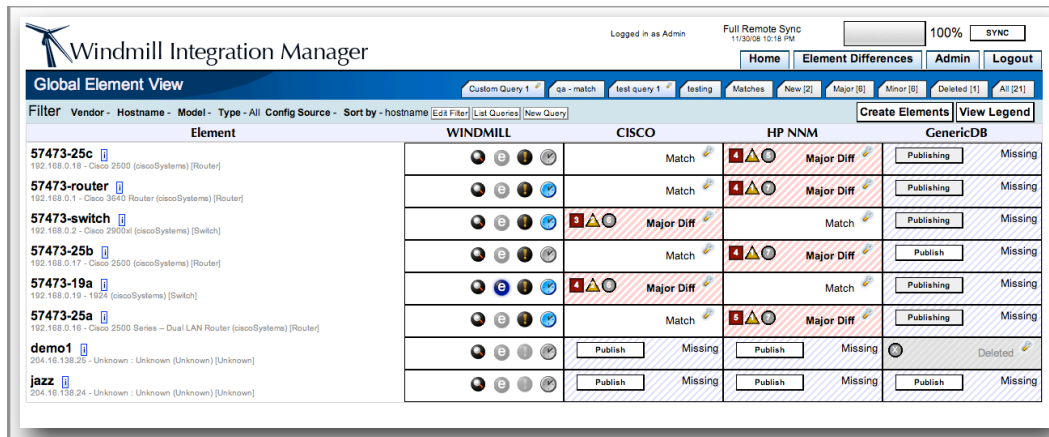


Windmill Networks Integration Manager v1.0

Product Overview

The Windmill Networks Integration Manager (WIM) is a software product that enables easy integration of the leading network management applications. WIM communicates with the installed network management systems within an enterprise, and uses the information supplied by these systems to build a database of the network elements. This database allows WIM to determine which applications have missing or inconsistent information. WIM then provides both reporting data about these issues and a simple method for resolving any conflicts.

Element Differences Interface



Windmill Integration Manager

Logged in as Admin Full Remote Sync 11/30/08 10:18 PM 100% SYNC

Home Element Differences Admin Logout

Global Element View Custom Query 1 qa-match test query 1 testing Matches New [2] Major [6] Minor [6] Deleted [1] All [21]

Filter	Vendor	Hostname	Model	Type	All	Config Source	Sort by	hostname	WINDMILL	CISCO	HP NNM	GenericDB
									57473-25c 192.168.0.18 - Cisco 2500 (ciscoSystems) [Router]	Match	Major Diff	Missing
									57473-router 192.168.0.1 - Cisco 3843 (ciscoSystems) [Router]	Match	Major Diff	Missing
									57473-switch 192.168.0.2 - Cisco 2900x (ciscoSystems) [Switch]	Major Diff	Match	Missing
									57473-25b 192.168.0.17 - Cisco 2500 (ciscoSystems) [Router]	Match	Major Diff	Missing
									57473-19a 192.168.0.10 - 1924 (ciscoSystems) [Switch]	Major Diff	Match	Missing
									57473-25a 192.168.0.10 - Cisco 2500 Series - Dual LAN Router (ciscoSystems) [Router]	Match	Major Diff	Missing
									demo1 204.16.133.20 - Unknown : Unknown (Unknown) [Unknown]	Missing	Missing	Deleted
									jazz 204.16.133.24 - Unknown : Unknown (Unknown) [Unknown]	Missing	Missing	Missing

In the screen below you can see a report of data conflicts. In this case the HP NNM application does not have the login or enable password of the routers. There are additional differences reported. From this report, you can either suppress the notifications if these differences are intended or mark them to be published. If they are marked to be published then the data you have selected as correct will be propagated to all of the selected systems, bringing your system into agreement. This propagation can either be on demand, at a scheduled time, or as part of the regular WIM data correlation schedule.

Expanded Element Differences Screen.

The screenshot displays the Windmill Integration Manager interface. At the top, it shows the user is logged in as Admin and the system is at 100% sync. The main navigation bar includes 'Home', 'Element Differences', 'Admin', and 'Logout'. Below this, there's a 'Global Element View' section with a filter and various query options. The central part of the screen is an 'Element Difference Report' comparing configurations between WINDMILL, CISCO, and HP NNM. The report is divided into sections: Authentication (Primary/Secondary Enable Passwords) and SNMP (SNMP System Object ID, SNMPv2 Read/Write Community). A 'Generic' section shows a field with the value 'Hi i am generic 1'. The interface includes buttons for 'Publishing', 'Missed', 'Commit Changes', and 'Close'.

Features and Benefits

WIM is designed by network engineers, for network engineers. Our goal is to remove the frustration and complexity associated with deploying a multi-tier, multi-vendor, multi-site network. WIM reduces the need for manual comparisons between different network management systems. By communicating with and comparing each system, and providing useful and easy-to-use tools to network managers, these systems can be reconciled with one another easily. This drastically reduces the amount of time typically spent in maintenance of parallel network management systems, allowing the network manager time to focus on high-value tasks.

Product Features

Feature	Notes
Report	View on your network so you can record configuration differences, detect new equipment, and determine costly inefficiencies in your deployment model
Synchronize	Write common configurations back to the network. Easily roll out changes in bulk, snapshot and restore configuration profiles, eliminate expensive and risky manual changes during change windows.

Feature	Notes
Deploy	Ensure your enterprise's 'best practices' are put in place when deploying new network sections and physically installations.
Rules Based Configuration	WIM provides a rules-based method to determine the master element view based. Multiple data sources can each contribute the the master view, including hierarchical priorities. Conflict reporting also uses a user controlled rules-based approach.
Fast Element Entry	The WIM element entry system is more than 40% faster than the element entry methods in the support applications.
Flexible Element Entry	Depending on business requirements, any application in the system can be used for element entry. WIM propagates the new data to any of the applications in the system.
Data Synchronization	The information for any move/add/change need only be entered once. WIM exports this data to all of the other applications in the system.
Data Conflict Resolution	Networks change. Over time, not all changes have been propagated to all systems. WIM compares the data in all of the systems. The comparison results are reported and can be quickly resolved within the WIM interface.
User Application	Windmill Networks realizes many organizations have created tools to solve some of their unique network management problems. WIM provides both a web API and a SQL interface, which allows WIM to interact with user created applications with the same ease as other supported applications.
Ease of Installation	WIM can be fully installed by a qualified network engineer in less than 1/2 day. No user programming is required.
Ease of Ownership	The database WIM uses is fully embedded. No user DB administration is required.

The list of supported application in WIM is a constantly growing list. We welcome input from both existing customers and potential customers for the next network management systems to add to our supported-platforms list.

An important note, as additional supported applications and features are added to WIM, these will be made available to all customers with products under support at no additional cost.

Supported Applications

Application	Version	Notes
CiscoWorks	3.0.1	Full Import and Export of elements and element data.
HP Network Node Manager	7.5x	Full Import and Export of elements and element data.
SolarWinds	8.5, 9.0, 9.1	Full Import and Export of elements and element data.
SecureFusion	NA	Element data read with interface correlation from other applications
User Application	NA	Web APIs, SQL interfaces, user customizable tables

System Requirements

WIM is designed to place as few requirements on the customer as possible.

- WIM is normally delivered as a VMware virtual appliance for ESX 3.5.
 - For customers that prefer a physical appliance, one will be supplied at a small additional cost.
- The database is MySQL v5.
 - We fully support any DB farm that supports MySQL 5.x.
- Sites with very large and complex networks may require a custom hardware solution. This solution will depend on the customer environment.
- All modern client browsers are tested and supported.
 - Internet Explorer 6 and 7
 - Firefox 3.0 and 3.1 Windows, Mac, and Linux
 - Safari 3.x and 4.0 Windows and Mac
 - Google Chrome
 - OmniWeb 5.9

Service and Support

You can reach Windmill Networks support from the web, email, AIM, or phone.

- Phone +1 256 270 0496
- email support@windmillnetworks.com
- AOL Instant Messenger WIMsupport
- Click the support link on any page at www.windmillnetworks.com

For Ordering and For More Information

For additional information please visit the website, www.windmillnetworks.com or email info@windmillnetworks.com