Peregrine

Network Discovery 5.0 Release Notes

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Peregrine SYSTEMS

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This edition applies to version 5.0 of the licensed program.

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Release Notes

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Network Discovery 5.0 Release Notes

The version 5.0 release of Peregrine's Network Discovery or PND is a major release of the product.

These *Release Notes* for version 5.0 have the following sections:

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Peregrine's Network Discovery (PND) terminology

The following terms have been changed in these *Release Notes* and other related Peregrine's Network Discovery documentation.

Peregrine's Network Discovery (**PND**) replaces "InfraTools Network Discovery (IND)" as the product name.

Peregrine appliance replaces the term, "IND appliance", used in IND 4.2 and 4.3 documentation.

Configuration interface refers to the new menus that you use during setup when the Network Discovery interface is not yet available. The old keypad can no longer be used.

There are new concepts and new terminology in Network Configuration. **Seeds**, **blocks**, and **forces** are no longer used. Now you apply a **Network Property Group** or a **Community Property Group** to an IPv4 range. IP ranges are now specified as being **IPv4**. For convenience, you can collect **Property Groups** into a **Property Set**.

In account types, the word **Administrator** replaces "Admin", but the function is unchanged. There is a new account type, **IT Manager**, that shares many of the capabilities formerly reserved for the Admin account. The "Regular" account no longer exists, but the new account type, **IT Employee**, behaves essentially the same way. The "Demo" account remains unchanged.

Scan files of information about Windows workstations can be contributed by Peregrine's Express Inventory WMI collector using Windows Management Instrumentation (WMI).

New features in Network Discovery

Peregrine's Network Discovery 5.0 has some improvements you can see and some improvements that are less immediately apparent, although they too result in improved performance.

Visible improvements

This section provides a high-level overview of the visible changes.

- *The Peregrine appliance has new hardware* on page 5
- *Initial configuration no longer requires the keypad* on page 5
- *Enhanced Network Configuration is more flexible* on page 6
- *New account types provide greater flexibility* on page 6
- *Peregrine's Express Inventory (the WMI collector) can now contribute data to Network Discovery* on page 6
- *You can choose the level of granularity for the statistics panel* on page 7
- *The database is now accessible to ODBC applications* on page 7
- *License upgrades delivered quickly and conveniently by e-mail* on page 7

The Peregrine appliance has new hardware

Network Discovery 5.0 is delivered on the following IBM servers:

- IBM X330 SCSI 1GB RAM, 1 CPU, 2x73GB disk
- IBM X330 SCSI 2GB RAM, 2 CPU, 2x73GB disk

Each platform includes an internal modem (for customer support).

Each platform supports:

- a USB modem (for paging)
- a USB Uninterruptible Power Supply (UPS)
- a USB Tape Drive.

The Peregrine appliance uses the second Ethernet port to support appliance-to-appliance operation, such as database restore.

Initial configuration no longer requires the keypad

The initial configuration of the appliance is no longer done through a keypad. Now, when you are setting up the appliance the first time, you connect a monitor and a keyboard and start the appliance. Then you press the **Enter** key to access the new configuration interface. For more information about setting up the appliance, refer to the *Network Discovery Setup Guide*.

Enhanced Network Configuration is more flexible

The concepts and user interface of the Network Configuration part of Network Discovery have been completely revised to be more flexible. Previously, there were many separate lists of IP ranges for specification of: community strings; seeds, blocks, and forces for both device and resource pollers; unmanaged routers, DHCP servers, and so on. Now there is one tree of IP ranges, where collections of properties and settings are applied to each range. You can set one or more properties for each IP range. Properties that you do not set inherit their values from the parent IP range.

Although Network Configuration has been changed considerably, the settings of an old IND appliance are automatically migrated to the new scheme without any loss of function. Furthermore, the IND 4.3 Network Configuration user interface is still available for this release to aid in your transition. For more information, see the *Network Discovery Setup Guide*.

Note: If you activate any changes to the new Network Configuration pages, the old interface will be removed.

New account types provide greater flexibility

IND 4.3.1 and earlier versions had only three types of user accounts, Admin, Regular and Demo. Network Discovery provides greater flexibility with four types—Administrator, IT Manager, IT Employee and Demo. The IT Employee account is comparable to the former Regular account. The IT Manager account has, in addition to the powers of a Regular account, some of the power of an Administrator account. The holder of an IT Manager account can make changes that affect what other users see.

Peregrine's Express Inventory (the WMI collector) can now contribute data to Network Discovery

Peregrine's Express Inventory (WMI) collector gathers information about Windows workstations using Windows Management Instrumentation (WMI). This WMI information can now be added to the Network Discovery database. For information on setting up and using the WMI collector, see your ServiceCenter Essentials documentation.

You can choose the level of granularity for the statistics panel

A new data granularity option has been added to the Statistics panel of the Device Manager, Port Manager and Attribute Manager. This new option allows you to choose a greater or lesser level of detail than Network Discovery would show you by default.

The database is now accessible to ODBC applications

Network discovery data is accessible through the Open Database Connectivity (ODBC) standard. This means that the data is easily accessible to other applications, such as third-party report generators, Peregrine's Connect-It, and so on. The Network Discovery *Data Export Guide*, a new manual, shows you how to connect to ODBC applications and export your Network Discovery data.

License upgrades delivered quickly and conveniently by e-mail

You can now request a license upgrade or the latest software components directly through the Network Discovery interface (**Administration** > **Appliance Management** > **Generate licensing request**). Peregrine Systems will generate your new license file and send it to you attached to an e-mail. You then install it, following directions in the *Network Discovery Setup Guide*.

Internal improvements

Improvements in this section may not be immediately visible, but they too are important.

- *Updated device scripts.* on page 7
- *Updated device rulebase* on page 7
- *Deletion of event notification clutter* on page 8

Updated device scripts.

The device scripts have been updated to handle additional devices with non-standard SNMP MIBs, or better handling of existing ones. This improves the ability to model the devices in your network accurately and determine how they are physically connected.

Updated device rulebase

The device rulebase has been updated with the latest information about vendors and models of devices so that the devices in your network are accurately identified.

Deletion of event notification clutter

Events waiting in the page by e-mail, e-mail, and paging notification queues are deleted if they remain there for more than five days. Event notifications older than five days are generally not useful.

Upgrade information

The hardware of the Peregrine Network Discovery appliance is different from the InfraTools Network Discovery appliance but you can migrate your data.

You can upgrade to Network Discovery, by migrating your data, if you have any of the following Peregrine software packages:

InfraTools Network Discovery	4.2.0, 4.2.1, 4.2.2, 4.2.3, 4.2.4, 4.2.5 4.3.0 or 4.3.1
Xanadu	1.0.4

Essentially, the process is to take a backup from your old appliance and restore it onto the new one. The instructions are in the *Network Discovery Setup Guide*.

Documentation

The *Installation Guide* has disappeared. Now, for instructions on installing hardware, see the server installation documentation included in the Peregrine appliance shipping box. If the documentation is missing or you have a problem, contact Peregrine Systems Customer Support. For instructions on preparing for Network Discovery installation and configuring the software after the appliance has been installed, see the *Network Discovery Setup Guide*.

The *Pre-installation Questionnaire* is now called the *Pre-setup Questionnaire*.

A manual has been added to the documentation. The *Data Export Guide* describes the data that you can export from Network Discovery for use with ODBC applications and how to export the data. The manual also describes how to export Network Discovery reports for use with Microsoft Word documents and spreadsheets.

For a complete list of current Network Discovery documentation, see the Documentation pages on the Peregrine Customer Support web site at http://support.peregrine.com. (Access to this web page requires a current login name and password.)

You can download documentation PDF files and view them using Acrobat Reader, which is available on the Customer Support web site and through Adobe at http://www.adobe.com.

Dropped functionality

You can no longer connect an external SCSI tape drive for backups, but you can connect an external USB tape drive on the smaller version of the appliance.

Known issues

Aggregator setup

When you add multiple remote appliances that have populated data, do not add them all within the same day. Wait at least 24 hours between adding each appliance.

Time zone change after restore

If a backup contains a time zone different from the time zone on the appliance, restart the appliance after restoring the backup. Alternatively, change the time zone of the appliance to the time zone of the backup before you do the restore.

Need more help?

Peregrine is committed to ensuring your success with our products. We offer a number of ways for you to provide product feedback, suggest enhancements, and receive technical assistance with any issues you encounter.

For further information and assistance contact Peregrine's CenterPoint Web Site.

Peregrine's CenterPoint Web Site

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