

Overview

ProLiant Essentials Intelligent Networking Pack (INP) Linux Edition delivers Virus Throttle, an innovative software product that is capable of detecting, and slowing down the rate of a virus attack spreading inside the core of the network infrastructure. Based on HP Labs technology, this networking software buys time for IT administrators to react to fast spreading virus types by sending a SNMP trap or a log event. Virus throttle works without knowing anything about the virus and therefore there is no need for signature updates.

INP software is part of HP's networking software that ships with all HP ProLiant servers (through the ProLiant Support Pack) and HP NIC options, and is activated with a license key. The functions and features of INP can be managed through the user interface of the HP's Network Configuration Utility (NCU). Intelligent Networking Pack can be installed on the same server as the HP Systems Insight Manager console, so a client machine is not needed to view INP.

What's New

- Discontinuation of the Single and Flexible license versions of this product effective July 9, 2007.

Models

Licensing and Packaging	ProLiant Essentials Intelligent Networking Pack - Linux Edition, Tracking License NOTE: For use with signed and implemented Activation Key Agreements only. Purchase of this part number entitles the customer to deploy additional licenses of the product under the terms of the existing Activation Key Agreement. NOTE: Nothing is delivered in conjunction with the purchase of this part number. Visit http://h18004.www1.hp.com/products/servers/proliantessentials/license/akalic.html for more information on Activation Key Agreements. NOTE: The following ProLiant Essentials Intelligent Networking Packs - Linux Edition licenses are discontinued and listed as reference only.	397006-B21
	ProLiant Essentials Intelligent Networking Pack - Linux Edition, Single Server License NOTE: For use with a single server. Contains one license with a unique license activation key and documentation.	436229-B21
	ProLiant Essentials Intelligent Networking Pack - Linux Edition, Flexible License NOTE: For use with multiple servers (minimum of 5). This part number allows you to specify the license quantity. When ordering this part number, the quantity ordered will be the number of licenses embedded in a single activation key. A single kit containing that key is then delivered to you.	436231-B21
Kit Contents	One peel and seal envelope containing a license card and license key label	

Standard Features

Virus Throttle

Monitors network traffic for abnormal behavior in outbound TCP connection requests, slows down the spread of virus to "new" machines and reports activity to network administrators. This software relies on the fact that under normal activity a machine makes a fairly low rate of outgoing connections to different machines, and it is more likely to connect to the same machine regularly than to different machines. This behavior contrasts with the fundamental behavior of rapidly spreading viruses or worms. An infected machine attempts to make as many outgoing connections as possible to as many different machines as possible. Virus throttle implements a filter that uses a series of delays to restrict the speed that an infected machine connects to new hosts.

Customer Usage Scenarios

Preventing the spread of virus - ProLiant customers who are looking to implement security measures in their network environment. Virus Throttle does not prevent infection (i.e. the virus has reached the machine), but it is particularly effective against fast-spreading viruses because it restricts the spread of virus thus containing the damage. The outbreak will grow less rapidly, because there will be fewer machines actively spreading the virus, and the network loading will be reduced.

Complementary Products

ProLiant Essentials Foundation Pack (Shipped with every ProLiant ML/DL 300+ Servers and includes the SmartStart and Management CDs).

HP ProLiant Essentials Integrated Lights-Out Power Management Pack

HP ProLiant Essentials Integrated Lights-Out 2 Advanced Pack

ProLiant Essentials Integrated Lights-Out Advanced Pack

HP Systems Insight Manager

ProLiant Essentials Rapid Deployment Pack

HP ProLiant Essentials Vulnerability and Patch Management Pack

HP ProLiant Essentials Virtual Machine Management Pack

SmartStart Scripting Toolkit

HP Insight Control Environment

HP Insight Power Manager

HP iLO Power Management Pack

ProLiant BL, ML and DL servers (except ProLiant 100 Series)

MSA500, MSA1000 and MSA1500 shared storage devices

Other product information

Visit <http://h18004.www1.hp.com/products/servers/networking/whitepapers.html> to learn more about virus throttle for Linux. Look for the whitepaper on it.

Visit <http://h18004.www1.hp.com/products/servers/networking/index.html> for more information on the ProLiant Essentials Intelligent Networking Pack

Supported Products

Supported operating systems for monitored servers	Red Hat Enterprise Server Linux 3
	Red Hat Enterprise Server Linux 4
	SUSE Linux Enterprise Server 8
	SUSE Linux Enterprise Server 9

Supported servers for monitoring	HP ProLiant ML310 G2	HP ProLiant DL320 G2	HP ProLiant DL585 G2
	HP ProLiant ML310 G3	HP ProLiant DL320 G3	HP ProLiant DL740
	HP ProLiant ML310 G4	HP ProLiant DL320 G4	HP ProLiant DL760
	HP ProLiant ML350 G3	HP ProLiant DL320 G5	HP ProLiant DL760 G2
	HP ProLiant ML350 G4	HP ProLiant DL360 G3	HP ProLiant BL20p G2
	HP ProLiant ML350 G5	HP ProLiant DL360 G4	HP ProLiant BL20p G3
	HP ProLiant ML370 G3	HP ProLiant DL360 G5	HP ProLiant BL20p G4
	HP ProLiant ML370 G4	HP ProLiant DL365	HP ProLiant BL25p
	HP ProLiant ML370 G5	HP ProLiant DL380 G3	HP ProLiant BL25p G2
	HP ProLiant ML570 G2	HP ProLiant DL380 G4	HP ProLiant BL35p
	HP ProLiant ML570 G3	HP ProLiant DL380 G5	HP ProLiant BL45p
	HP ProLiant ML570 G4	HP ProLiant DL385	HP ProLiant BL45p G2
	HP ProLiant DL140	HP ProLiant DL385 G2	HP ProLiant BL460c
	HP ProLiant DL140 G2	HP ProLiant DL560	HP ProLiant BL465c
	HP ProLiant DL140 G3	HP ProLiant DL580 G2	HP ProLiant BL480c
	HP ProLiant DL145	HP ProLiant DL580 G3	HP ProLiant BL685c
	HP ProLiant DL145 G2	HP ProLiant DL580 G4	
	HP ProLiant DL145 G3	HP ProLiant DL585	

NOTE: Some servers may be discontinued.

Supported network adapters for monitoring	NC110T	NC360T	NC380T
	NC150T	NC370F	NC1020
	NC310F	NC370i	NC7170
	NC320T	NC370T	NC7170LP
	NC325m	NC373m	
	NC326m	NC374m	
	NC340T		

NOTE: Some network adapters may be discontinued.

Service and Support, HP Care Pack, and Warranty Information

Warranty

Startup technical software support is available at no additional charge by calling HP Support up to 90 days from the date of purchase. This includes phone support to assist customers with installation, set-up and product usage questions and/or problems. Worldwide numbers for Support are available at:

<http://welcome.hp.com/country/us/en/wwcontact.html>

Complete warranty can be found at:

<http://h18004.www1.hp.com/products/servers/platforms/warranty/index.html>.

HP Software Support

HP Care Pack offering combines comprehensive ProLiant Essentials and Insight Control software support with convenient access to ProLiant Essentials and Insight Control software updates.

Expert support for performance, availability, and productivity optimization

ProLiant Essentials and Insight Control software technical support brings timely assistance and trustworthy advice on issues such as product features and use, problem diagnosis and resolution, and software defect identification. Service highlights include:

- **Ready access to technical resources** - Connect with experienced HP IT Response Center engineers via telephone, electronic communication, or fax for help with ProLiant Essentials and Insight Control implementation or operations problems.
- **Problem analysis and resolution** - HP Services provides corrective support to resolve identifiable and reproducible ProLiant Essentials and Insight Control product problems, and to help you identify problems that are difficult to reproduce. You can also receive help with trouble-shooting and setting configuration parameters.
- **Software features and operational support** - HP provides information on the latest ProLiant Essentials and Insight Control features and known problems and solutions, plus operational advice and assistance.
- **Escalation management** - Established escalation procedures enlist specialized expertise from HP and selected third-parties.
- **Installation advisory** - Advisory support is available for help with installing and updating standalone or networked ProLiant Essentials and Insight Control products.
- **Choice of coverage windows** - Service is available 13x5 Monday-Friday or 24x7.

Productivity-enhancing software updates

This multifaceted service also brings updated ProLiant Essentials and Insight Control software products, patches, and technical manuals as they become available. And it includes licensing to use and copy the new updates. Subscription-based purchasing gives you substantial savings vs. the cost of individual updates.

Service highlights include:

- **Software updates** - Complete ProLiant Essentials and Insight Control product and documentation updates are made available to your system manager.
- **Software licensing** - You receive a license to use and copy updates for all systems covered by your original software license.
- **Electronic software information** - Access HP's electronic support facility for ProLiant Essentials and Insight Control software patches, a symptom-solution database, product descriptions, specifications, technical literature, and more.

This service gives the opportunity to obtain software updates faster and more efficiently with

http://www.hp.com/software/releases/releases-media2/SUM/How_to_be_a_SUM_customer.htm

Software Update Manager provides online access to view support entitlements, manage release

Service and Support, HP Care Pack, and Warranty Information

notification profile, and immediately download new updates.

Care Packs services for ProLiant Essentials Operating Environment provide support for the following products. Note that supported products may change over time, the list of products:

- Rapid Deployment Pack Windows Edition
- Workload Management Pack
- Performance Management Pack
- Systems Insight Manager
- SmartStart
- SmartStart Scripting ToolKit
- iLO Advanced Pack
- iLO Select Pack
- Vulnerability and Patch Management Pack
- Intelligent Networking Pack
- Virtual Machine Management Pack
- Server Migration Pack
- HP Insight Control Linux Edition
- Server Migration Pack - Physical to ProLiant Edition (P2P)
- Insight Control Environment
- iLO Power Management Pack

Options

Service and Support Offerings (HP Care Pack Services)	ProLiant Essentials Operating Environment, - 1 year, 9x5 Unlimited SW Support - includes SW updates - per server	UF512E
	ProLiant Essentials Operating Environment, - 1 year, 24x7 Unlimited SW Support - includes SW updates - per server	UF513E
	ProLiant Essentials Operating Environment, - 3 year, 9x5 Unlimited SW Support - includes SW updates - per server	UF514E
	ProLiant Essentials Operating Environment, - 3 year, 24x7 Unlimited SW Support - includes SW updates - per server	UF515E

NOTE: For more information, customer/resellers can contact <http://www.hp.com/hps/carepack/services/>

Technical Specifications

Physical Data

Shipping Dimensions	Height	9.00 in (22.86 cm)
	Width	6.00 in (15.24 cm)
	Depth	.062 in (.157 cm)
	Weight	.05 lbs (.022 kg)

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