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Cisco DigiStar Ethernet over COAX (EoC) HomePlug System Release 4.2.0 Release Note

Overview

Introduction

The Cisco DigiStar Ethernet over COAX (EoC) HomePlug system contains the DigiStar EoC Aggregation Point (AP), DigiStar EoC End Point (EP), and DigiStar EoC software applications such as the EoC HomePlug Local Craft Interface (LCI) tool.

Note: This version (4.2.0) is released for EMEA user only.

Release History

The following table lists the release history of this document.

Document Release	Part Number	Version	Release	Status
DigiStar EoC HomePlug System Release Note	7022153	REV A	4.0.2	Published
		REV B	4.0.3	Published
		REV C	4.1.1	Published
		REV D	4.1.2	Published
		REV E	4.1.3	Published
		REV F REV G	4.1.4	Published
		REV A	4.2.0	Published

Purpose

The purpose of this document is to notify DigiStar EoC HomePlug System users of the enhancements included in the current release, and to inform users of any special upgrade procedures needed for using Release 4.2.0.

Audience

This document is intended for system engineers or managers responsible for

operating and/or maintaining this product.

Related Product Documentation

The following table lists the related documents of this release.

Document	Part Number	Description
DigiStar Ethernet over COAX (EoC) AP Web User Interface Installation and Operation Guide	English 4040429 Chinese 4040428	This guide provides instructions for configuring and troubleshooting the DigiStar EoC AP Web UI.
EoC Command Line Interface User Guide	Chinese 4041035 English 4044164	This guide provides instructions on how to apply DigiStar EoC Command Line Interface
SNMP Interface Specification (for NDA customer only)		Request your customer consultant for this document if necessary.

Contact your sales representatives to order a CD that includes all the related documentation or visit our website: http://www.cisco.com/en/US/products/ps10125/tsd_products_support_series_home.html to view additional publications about our products.

You need a user name and password to access this website. If you do not have a user name and password, contact your customer service representative.

Note: You may need to install a PDF reader, such as Adobe Acrobat Reader, on your system to view these publications.

Release Information

The following table provides release information for all firmware and software packages for the above-mentioned EoC AP, EoC EP, and EoC software applications.

Product	Type	Items	Release Number
E230.2	Firmware	Gateway Firmware	1.0.10-P1*
E330.2	-	EP HomePlug7411 Firmware	-

Note: * marks new in this release.

Compatibility Support

The release consists of management tools such as the CLI.

The following table shows the compatibility of the DigiStar EoC System.

System	Supported HomePlug Devices	
DigiStar EoC System	AP	HomePlug7400 AP E230.2
	EP	Multiple EPs including: HomePlug7411 EP E330.2, HomePlug6400 EP with HFID B002/B003/E330

The following table shows the compatibility of the tools.

Management Tool	Operating Environment	Supported HomePlug Devices
Web UI	Windows IE 7, Windows IE 8* (*compatibility mode) Firefox Web Browser	AP: E230.2, EP: E330.2
Command Line Interface (CLI)	Secure Shell (SSH)	AP: E230.2, EP: E330.2
Telnet	N/A	AP: E230.2, EP: E330.2

New System Features and Enhancements

The following features are new enhancements in system release 4.2.0.

■ Supports configuration of VLAN trunk mode via CLI

Notes:

■ Though offline configuration of host limit is still supported, it is recommended to perform host limit setting for online EPs only.

■ For online EPs, setting AP gateway firmware MIB item of eocEPHostLimit might lead to immediate reboot and takes effect after the reboot completes.

Resolved and Outstanding Issues

Resolved Issues

The following table describes the issues that have been identified as resolved in EoC HomePlug system release 4.2.0. The identifier represents the tracking number for the problem report in our tracking database. The description details the behavior prior to this release.

Table 1. Resolved Issues

Tracking Number	Description	Issue Detail	STATUS
CSCue50950	Error in EP configuration under heavy load	When configuring EP settings with the throughput exceeding or close to the maximum limit, error will be caused.	Solved
CSCue50874	EP settings are lost after rebooting the AP	The configured EP settings return to default after power cycling the AP.	Solved

Outstanding Issues

This release contains no outstanding issues carried on to the next release.

Operation Limits

Review this section before working with the DigiStar EoC HomePlug System. These are known operation limitations that are not deemed as issues to be resolved.

The operation limits of this release are listed as following:

- **Standalone EP Resetting**
  - If EP is disconnected from the AP, it may reset periodically.
- **Multicast Limits**
  - Each multicast group contains no more than 8 members.
  - Each EP supports maximum 4 multicast sources.
  - Each member can be associated with maximum 32 multicast groups.
  - If VLAN is not enabled, multicast streams are sent to all EP ports.
- **RF Link Loss Inaccuracy**
  - Performance test of RF link loss result from AP SNMP is 6~8 dB lower than actual value.
- **VLAN Configuration**
  - In CLI, the EP's VLAN configuration and EP's upstream/downstream rate limit, VLAN priority, hostlimit configurations must be performed separately. That means, after the EP's VLAN configuration, don't configure other parameters until the EP is restarted; or configure the EP's upstream/downstream rate limit, VLAN priority, and hostlimit at first, wait for the EP to restart, then configure the EP's VLAN.

For Information

Support Telephone Numbers

This table lists the Technical Support and Customer Service numbers for your area.

Region	Centers	Telephone and Fax Numbers
North America	Cisco Services Atlanta, Georgia United States	For *Technical Support*, call: Toll-free: 1-800-722-2009 Local: 678-277-1120 (Press **2** at the prompt) For *Customer Service*, call: Toll-free: 1-800-722-2009 Local: 678-277-1120 (Press **3** at the prompt) Fax: 770-236-5477 E-mail: customer-service@cisco.com
Europe, Middle East, Africa	Belgium	For *Technical Support*, call: Telephone: 32-56-445-197 or 32-56-445-155 Fax: 32-56-445-061 For *Customer Service*, call: Telephone: 32-56-445-444 Fax: 32-56-445-051 E-mail: service-elc@cisco.com
Japan	Japan	Telephone: 81-3-5908-2153 or +81-3-5908-2154 Fax: 81-3-5908-2155
Korea	Korea	Telephone: 82-2-3429-8800 Fax: 82-2-3452-9748 E-mail: songk@cisco.com
China (mainland)	China	Telephone: 86-400-8108886 Press 4 at the prompt E-mail:eoc-support@cisco.com
All other Asia-Pacific countries & Australia	Hong Kong	Telephone: 852-2588-4746 Fax: 852-2588-3139 E-mail: support.apr@sciatl.com
Brazil	Brazil	Telephone: 11-55-08-9999 Fax: 11-55-08-9998 E-mail: fattinl@cisco.com or ecavalhe@cisco.com

Region	Centers	Telephone and Fax Numbers
Mexico, Central America, Caribbean	Mexico	For *Technical Support*, call: Telephone: 52-3515152599 Fax: 52-3515152599 For *Customer Service*, call: Telephone: 52-55-50-81-8425 Fax: 52-55-52-61-0893
All other Latin America countries	Argentina	For *Technical Support*, call: Telephone: 54-23-20-403340 ext 109 Fax: 54-23-20-403340 ext 103 For *Customer Service*, call: Telephone: 770-236-5662 Fax: 770-236-5888 E-mail: keillov@cisco.com