



Cisco Prime Home 5.2.1.1 Release Notes

These release notes provide an overview of Cisco Prime Home 5.2.1.1 and describe the enhancements made in this release.



Note

You can access the most current Prime Home documentation, including these release notes, online at <http://www.cisco.com/c/en/us/support/cloud-systems-management/prime-home/tsd-products-support-series-home.html>

Contents

These release notes contain the following sections:

- [Introduction, page 1](#)
- [New Features and Enhancements, page 2](#)
- [Related Documentation, page 2](#)
- [Related Documentation, page 3](#)
- [Obtaining Documentation and Submitting a Service Request, page 3](#)

Introduction

Cisco Prime Home 5.2.1.1 offers telecommunication service providers the ability to automatically activate and configure subscribers, manage customer premises equipment (CPE), and deliver advanced services via service packages over DSL, fiber, cable, T1/E1, wireless, and satellite networks. Advanced features include services such as time blocking, content filtering, managed WiFi, remote port forwarding, and IPTV. Prime Home also lets you remotely manage TR-069-compliant CPEs from a variety of vendors.



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New Features and Enhancements

The following topics describe the new features and enhancements introduced in Prime Home 5.2.1.1:

- [Exporting Reports Enhancements, page 2](#)
- [Support for MySQL 5.7, page 2](#)

Exporting Reports Enhancements

Users can now export reports as CSV files. Clicking the Save as CSV option on the Report page initiates the process. Once completed, the user will be notified that they can download the CSV file under the Download Report tab on the Report page.

The file generation process has three states: PROCESSING, COMPLETED, and FAILED. The status for each report file generation process can be tracked on the Download Report tab.

The user is restricted against generating reports beyond the storage limit to avoid running out of space on the server. The report size limit can be changed by setting storage limit for ReportCSV table. Default configured limit is 4GB.

- Total number of saved reports: MAX_ROWS = 100
- Average report size: AVG_ROW_LENGTH = 42949672 (42 MB)
- Total maximum saved report data: MAX_DATA_LENGTH = 100*42949672 = 4GB

If a user generates a report file and the table limit is reached, then the file generation process will fail and a FAILED status is logged on DB and displayed in the Prime Home UI. The error log is updated with a message indicating why the report save failed.

This new feature stores potentially very large file contents to the MySQL DB, and therefore the maximum allowed packet size for MySQL connection should be increased. MySQL has a default allowed packet size of 1MB; it must be changed to 256MB (Note that this will also be the maximum report size since any report larger than this will terminate the DB connection during report generation).

Perform the following procedure on the MySQL database server to set the maximum allowed packet size for MySQL connection.

-
- Step 1** Log in to the database server
- ```
sudo edit /etc/my.cnf
```
- Step 2** Add the line: **max\_allowed\_packet=256M** under the [mysqld] section.
- Step 3** Restart the mysql service & Prime Home application.

## Support for MySQL 5.7

As of 5.2.1.1, Prime Home can be installed or upgraded with MySQL version 5.7.

## Related Documentation

Prime Home 5.2 Installation Guide

Prime Home 5.2 User Guide

# Accessibility Features

The Prime Home 5.2.1.1 software does not provide accessibility features. All product documents are accessible except for images, graphics and some charts. If you would like to receive the product documentation in audio format, braille, or large print, contact [accessibility@cisco.com](mailto:accessibility@cisco.com).

## Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see *What's New in Cisco Product Documentation* at: <http://www.cisco.com/c/en/us/td/docs/general/whatsnew/whatsnew.html>.

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