Identiv Connected Physical Access Manager (ICPAM) version 2.2(0.3.12) Release Notes

The Identiv Connected Physical Access Manager (ICPAM) v2.2.0(0.3.12) software integrates with the Identiv EM-100 Controller. Together with the Identiv uTrust TS reader line, the ICPAM solution offers a complete premises access management system combining strong authentication with Identiv secure credentials at the door. The system includes support for legacy systems, enabling a mixed-environment of both EM-100 Controllers and Cisco Physical Access Gateways (CIAC-GW-K9).

This document contains important information about the ICPAM software version 2.2.0(0.3.12) released Oct 25, 2016, including an overview of release scope, policy and procedures, and exclusions and an explanation of resolved issues and caveats.

Table of Contents

Scope of Release - Features

EM-100 Controller Scheduled Door Mode
This hotfix adds the ability to set the door mode (locked, secured, open) via a scheduled action configured natively in the door configuration user interface.

Upgrade Paths

This hotfix is strongly recommended for all customers deploying either EM-100 Controllers and/or Cisco Physical Access Gateways.

The following upgrade paths to ICPAM 2.2.0(0.3.12) are supported:

- CPAM 1.5.3(0.3.6) to ICPAM 2.2.0(0.3.12)
- ICPAM 2.1.0(0.3.5) to ICPAM 2.2.0(0.3.12)
- ICPAM 2.1.1(0.3.4) to ICPAM 2.2.0(0.3.12)
- ICPAM 2.2.0(0.3.8) to ICPAM 2.2.0(0.3.12)
- ICPAM 2.2.0(0.3.8) + any 2.2.0 HOTFIX to ICPAM 2.2.0(0.3.12)

Policies and Procedures

This section provides general policies and procedures regarding installation and service-related issues for this release.

Minimum System Requirements

Requirement	Description
Workstation software requirements	● Windows 7 or Windows 8 and Internet explorer versions 8-11. ● 32 bit Java runtime environment 1.6 (release 27) or 1.7 (release 79) for both installation and normal use. ● Auto-update of the Java runtime environment disabled ● User account with administrative privileges.
Workstation hardware requirements	● Modern Intel or AMD multi-core processor. ● 4GB RAM or more. ● 250MB hard disk space available for the application.
Server hardware requirements	● ICPAM server includes at least 16GB of RAM memory, 4 virtual processors, and sufficient hard drive capacity to accommodate the database and software (500GB). Actual capacity needed will vary with event archival strategy, user count, controller count, event rates, etc.
ICPAM appliance software requirements	● Fresh installation or CPAM 1.5.3, ICPAM 2.1.0, or ICPAM 2.1.1
Physical access controllers and/or controller modules	● Identiv EM-100 Controllers: Firmware Release 3.5.1 is required on all Identiv EM-100 controllers. The EM-100 will ship with FW version 3.5.1 from the factory. ● Cisco Physical Access Gateways: Firmware Release 1.5.3 is required on all physical access gateway modules. Some older physical access gateways may need an upgrade. To upgrade older firmware versions on physical access gateways to 1.5.3, see the Cisco Physical Access Gateway User Guide for instructions.

Implementation Notes

- Conditional Support for JRE 1.7 (release 79):
  The updated security settings in JRE 1.7 (release 79) may interfere with the normal functioning of the ICPAM client. The security settings in the Java control panel settings must be set to Medium: [Control panel -> Java (32-bit) -> Select **Medium** and select **OK**] to allow the installation of the ICPAM client. Users may face issues while performing functions with third party devices like badge printers or image capture devices. In such situations, Java runtime environment 1.6 (release 45) is recommended.

- VMware:
  An ICPAM server runs as a Linux Virtual Appliance on VMware vSphere 5.x or 6.x (Other virtualization products, such as Oracle VirtualBox, Microsoft Hyper-V, Xen, etc. are not supported.)

- Two Door policies is not supported for EM-100 Doors

- Gateway doors are no longer added through the Locations/Doors module, only through the Logical Driver. Once doors are created, go to Locations/Doors and drag the unassigned doors into the relevant location, or alternatively, set the locations while adding doors or by editing the doors.

Exclusions

- VSM 6.x is not supported with ICPAM v2.1.0 or later; VSM 7.x will continue to be supported. Existing CPAM 1.5.x installations integrated with VSM 6.x will need to migrate to VSM 7.x before upgrading to ICPAM.

- JRE 1.8 is unsupported and is known to cause issues with Cisco VSM video playback in the ICPAM client and with the ICPAM map display.

Obtaining Software, Documentation and Related Information

Software Images and Other Tools

To access the self-service portal and obtain software, documents, and tools, do the following:

- Download ICPAM software:
  Go to the following URL: http://www.identiv.com/support-icpam
  Click the **Registration and Downloads** tab.
  Register user to enable access to software download link.

- Download Credential Template VFF files:
  Go to the following URL:
  http://www.identiv.com/icpam-credential-templates
  Select the applicable template zip files for your credential format.
  Click the link to download.

- ICPAM v2.2 User Guide and ICPAM v2.2 Installation Guide:
  Go to the following URL: http://www.identiv.com/support-icpam
  Click the ICPAM documents tab and select the guide.

Related Documentation

To obtain data sheets and other important information go to:

Identiv Connected Physical Access Manager documentation:

- For general product information: http://www.identiv.com/icpam
- For links to access Technical Data Sheets and product information: http://www.identiv.com/support-icpam

Support and Service Requests

To contact ICPAM support, go to the following link and submit your request via web http://www.identiv.com/support-icpam or contact us support_icpam@identiv.com

Resolved Issues and Caveats

Caveats

Resolutions for these issues are currently being investigated and will be scheduled for a future release unless specified.

Identifier	Title
CSCuv50557	Advanced Gateway options not seen in single screen badge wizard.
CSCuo83272	CPAM MySQL bin files occupying the entire space when Stand-By is absent.
CSCul35210	CPAM Client does respond when viewing Sanity Report, “Badges - Added (or changed) since the most recent download”.
CSCul62691	CreateTEC API allows pushing to parallel location objects for a profileUser.
ICPAM-98	In Access Level, Cisco doors don't disappear from left when moved to right col
ICPAM-120	Enable missing from Access Policies right-click / context menu on a disabled Access Policy. Work around: Edit access policy and check enabled. Web Admin
ICPAM-162	Badge Add / Edit UI control is localizing to Access Levels and Access Level Groups. Should be "Access Policies" and "Access Policy Groups".
ICPAM-233	Client allows attempted downloading of more than the limit of 8 Access Policies to a single EM-100 and prevents download completion. Work-around: do not exceed limit of 8 Access Policies
ICPAM-262	HA – Shared IP goes to standby mode
ICPAM-268	CSCuv50557: Advanced options not seen in single screen badge wizard
ICPAM-356	EM-100 controller may go offline on rare occasions when left disconnected from ICPAM server for long periods. Work around: Connect to problem controller’s web console, Click Basic Settings menu item, without changing any settings, click Save, click Submit. Controller should come online and should remain so.
ICPAM-396	GUI: Command and Monitoring Tabs do not work in some

	browsers Work around: Use MS IE and add ICPAM server URL to compatibility list.
ICPAM-400	Door/Location - Door/location module allows the same entry by assigning location manually
ICPAM-437	A badge that is attached to an expired access policy is granted access
ICPAM-443	Running a report with customized Variable Parameters throws an error
ICPAM-482	Location info is not inherited to the door upon selecting the checkbox "Inherit location from parent"
ICPAM-484	All Doors report does not display status for EM doors
ICPAM-491	Backup version x allows restore to ICPAM version y and corrupts installation
ICPAM-495	Duplicate card caused by cred # + format and then raw form entered
ICPAM-596	Virtual Credential Template Add/Edit dialogue has incorrect label. Refers to "Badge Format"
ICPAM-598	AdModCardRecord fails with -1001 Duplicate unique ID when no card DB has ever been downloaded to a previously used EM-100
ICPAM-881	Cannot support more than 7 levels of locations for Cisco VSM cameras

Resolved Issues

The following issue resolutions are included with ICPAM version 2.2(0.3.12).

Identifier	Title
CSCux00201	Access Policy restriction not happening based on Profiles
CSCuw61388	Blank schedule is created when we try to create schedule through API.
CSCuw55423	Error while executing "createTimeEntry" in WS API.
ICPAM-129	After upgrade the filter option is not displayed. Work around: After upgrade, go to Profiles and enable filter option for each required module.
ICPAM-239	EM-100 controller goes to Error/Unlicensed state
ICPAM-312	Abrupt shutdown of ICPAM leaves Web Admin Console blocked in archive page of setup wizard
ICPAM-386	Some AD Fields not being pulled in EDI Job + Disabled Users in AD not Getting Disabled in ICPAM
ICPAM-381	CPAM : Unable to login to CPAM webadmin , System Isn't Ready
ICPAM-412 CSCux95178	Fix for security vulnerabilities in the Network Time Protocol daemon resolving: CVE-2015-7973, CVE-2015-7974, CVE-2015-7975, CVE-2015-7976, CVE-2015-7977, CVE-2015-7978, CVE-2015-7979, CVE-2015-8138, CVE-2015-8139, CVE-2015-8140, CVE-2015-8158
ICPAM-414 CSCuy35286	Fix for security vulnerabilities in core appliance OS library resolving: CVE-2015-7547
ICPAM-501	Enables ICPAM to configure door schedule for HID controller.
ICPAM-605	Web Service API support for EM-100
ICPAM-666	EM-100 incorrectly showing as to “Unlicensed” due to network timeouts
ICPAM-673	Fixes frequent disconnect and connect for EVO controller, when “HereIam” timeout is set greater than or equal to 30 secs.

ICPAM-687	Holidays showing 1 day earlier, but activating correctly
ICPAM-765	Client non responsive (having more than 100 access policies)
ICPAM-781	Editing a badge triggers instant download to Gateways