IP Flow Manager
Software Release 2.0.2
Release Notes

1. Release Summary

Release Date: 25-March-2013
Purpose: Service pack release for Collaboration Pod appliance and software only installer.

2. Important Notes Before Upgrading to This Release

IPFM 2.0.2 is a service pack release for Avaya Collaboration Pod released as an appliance (virtual machine). It is also being released as a software only product. The two release options cannot be mixed. The appliance version of IPFM is only available on the Avaya Collaboration Pod. For software only option, the IPFM software installer may be used on top of IPFM 2.0.1. There is no need to uninstall the IPFM 2.0.1 before upgrading to 2.0.2.

2.1 Preparation For Installation

Follow the steps below before installing IPFM 2.0.2 if there is an already IPFM 2.0.1 on the server. If this is a new installation, follow from steps 5 onwards, the backup steps are optional:

1. Login to the IPFM server as local administrator for Windows or root for Linux
2. From the `UCM_HOME\bin folder`, run the "**backupAllData**" script. Default UCM_HOME for Windows is `C:\"Program Files"\Avaya\UCM\bin`, for Linux it is `/opt/avaya/ucm/bin`.
3. When prompted for the database root password, enter the original admin password used when installing IPFM 2.0.1. If you have forgotten the database root password, you can reset it following the procedure in http://dev.mysql.com/doc/refman/5.0/en/resetting-permissions.html
4. To backup all the data for IPFM 2.0.1 pick IPFM from list. The files are in `UCM_HOME/backups` folder. The backup is just a precaution and is optional.
5. Download the IPFM 2.0.2 installer from the Avaya support site and start the installation of IPFM 2.0.2 and follow installation document NN48015-300.
6. After successfully installing IPFM 2.0.2 you do not need to restore the backup data from step 4 above. All the data from 2.0.1 should be available. Archive the backup file for any future use.

3. New in IPFM 2.0.2

Summary of changes in IPFM 2.0.2 are:
- ☐ See section on problems resolved in this release.
- ☐ See section 4 on Operating Note

4. Supported Operating Systems

The following table lists the operating systems supported by IPFM 2.0.2.

Operating system	Version
Windows 2003 32bit or 64bit	Standard or enterprise SP2 **Notes:** Windows 2003 is supported only through upgrade. New install of IPFM 2.0.2 on Windows 2003 Operating System is not supported.
Windows 2008 32bit	Standard
Windows 2008 64bit	2008 R2 SP2
Linux 32 bit	RHEL 5.6
Linux 64 bit	RHEL 5.6

Support for VMware environments vSphere 5.0 with Windows and Linux Operating systems and HyperV on Windows Operating System continues from earlier release.

Note: Starting next release of IPFM, 32 bit OS will be discontinues. Windows 2003 is end of life, starting next release only the Windows 2008 R2 64 bit and Linux 64 bit versions will be supported.

5. Supported Browsers

The following table lists the web browsers supported by IPFM 2.0.2.

Browser	Version
Microsoft Internet Explorer	8.0
Mozilla Firefox	Last two versions

<u>Notes</u>
Though the IPFM 2.0.2 is certified for IE, optimal performance has been recorded with FireFox version 19 and higher.

6. Operational Notes

IPFM should be on a standalone server or a separate VM for optimal performance. It should not be co-resident with other UCM applications.

You may need a new license to enable IPFM 2.0.2, even if you are upgrading from a previous release (2.0.1). This section describes how to obtain and register a first time customer / upgrade customer License Authorization Code (LAC). The first time installation instructions are also documented in IP Flow Manager – Installation (NN48015-300).

First time customer – Obtaining the License File

Perform the following procedure to obtain and register a IPFM 2.0.2 license, carefully noting the requirements before the procedure.

Before you begin

☐ You require the License Activation Code (LAC) for the software you want to license (this is provided by Avaya at purchase).

☐ You require the MAC Address (for physical server) or IP Address and Notice information (for Virtual machine) of the server where the IPFM components reside.

☐ To update the license file and software, your system requires 5MB of additional free disk space.

Procedure

1. Open a Web browser window and go to the Electronic Licensing Portal: http://www.avayadatalicensing.com.

2. Type your first name, last name, company name, e-mail address, and phone number in the appropriate fields
   at the top of the page.

To obtain a license for a physical (non-virtual) server, please follow steps 3-8. To obtain a license for a virtual server, skip to step 9.

Steps to obtain a IPFM license to be installed on a physical server

3. To obtain the license for a physical (non-virtual) server, select the first radio button

SELECT REQUIRED ACTIVITY FOR EACH LICENSE REQUEST:

○ Create/Generate a License file for your Avaya data product running on a physical server (provide LAC, MAC, and filename)

○ Create/Generate a VM License file for your Avaya data product running on VM server (provide LAC, NOTICE, IP Address, and filename)

○ Replace or Swap a MAC address in an existing license file (provide LAC if known, new MAC address, and filename)

○ Contract LACs

4. Once selected the following section will appear

LICENSE INFORMATION REQUIRED

License Authorization Code: [   ]
Example: WS13-xxxx-xxxx

MAC Information: [   ]
Example: 0A:XX:XX:XX:XX:XX

Number of Existing Licenses (WLAN 2300/8100 Only): [▾]

Serial Number or Computer Name (WLAN 2300 Only): [   ]

Bank Name (Optional): [   ]

License File Name (Optional): [   ]

5. Enter the License Authorization Code, and MAC Information in the appropriate fields. Bank Name and the License File Name are optional fields.
6. Hit the "Submit Request" button. A confirmation e-mail will be sent to the supplied e-mail address. You will also receive the license file at the same e-mail address.
7. Copy the license file to the server location where the IPFM components reside.
8. Store your License Certificate in a secure place for future reference.

Steps to obtain a IPFM license to be installed on a virtual machine

If you are installing IPFM 2.0.2 on a virtual machine with more than one NIC card, you will need to download the LicensingInfo.zip from the Avaya Support site in order to obtain the proper IP and Notice info required for the new VM license. Instructions on how to execute the LicensingInfo utility can also be download from the Avaya Support site by downloading "README-LicensingInfo-Utility.txt" file.

9. To obtain the license for a virtual server, select the second radio button


```
SELECT REQUIRED ACTIVITY FOR EACH LICENSE REQUEST:

○  Create/Generate a License file for your Avaya data product running on a physical server (provide LAC, MAC, and filename)

●  Create/Generate a VM License file for your Avaya data product running on VM server (provide LAC, NOTICE, IP Address, and filename)

○  Replace or Swap a MAC address in an existing license file (provide LAC if known, new MAC address, and filename)

○  Contract LACs
```

10. Once selected, the following section will appear


```
LICENSE INFORMATION REQUIRED

License Authorization Code: [                    ]
                            Example: WS13-xxxx-xxxx

IP Address: [                    ]
            Example IPv4: 192.168.255.255

NOTICE: [                    ]
        Example: 564DAC8D-2591-6067-1805-07FCB439AC6E   Help me find this?

Bank Name (Optional): [                    ]

VM License File Name (Optional): [                    ]
```

11. Enter the License Authorization code, IP Address and the Notice information in the appropriate fields. You can click on "Help me find this" link for instructions on how to find the "Notice" information.

12. Hit the "Submit Request" button. A confirmation e-mail will be sent to the supplied e-mail address. You will also receive the license file at the same e-mail address.

13. Copy the license file to the server location where the IPFM components reside.

14. Store your License Certificate in a secure place for future reference.

For more information about adding a license file after the installation, see Common Services Fundamentals Unified Performance Management (NN48014-100).

Upgrading from IPFM R2.0.1 to IPFM R2.0.2 (NEW IN THIS RELEASE)

If upgrading from IPFM R2.0.1 to IPFM R2.0.2 **on a physical server**, there are no changes required for licenses. IPFM R2.0.1 licenses will continue to work on IPFM R2.0.2.

However, if the upgrade is done **on a virtual machine,** you will need to get new virtual machine based licenses (IP Address and Notice). Please follow the steps specified in the section above "**to obtain a IPFM license to be installed on a virtual machine**"

7. Version of Previous Releases

Software Version 2.0.1 was the immediate previous version released. It is an Avaya branded version. IPFM 2.0 is 'Nortel' branded and cannot be directly upgraded to IPFM 2.0.2. The

upgrade involves uninstalling IPFM 2.0 and installing IPFM 2.0.1. Follow the procedure in IPFM 2.0.1 release notes.

8. Compatibility

This software release is compatible with following rebranded releases. Compatibility is defined in terms of co-residency as well as in distribution on one or more servers:
EPM 5.1.3 can reside on a different physical server or VM

VPFM 3.0.2 can reside on a different physical server or VM
COM 3.0.1 can reside on a different physical server or VM
Avaya System Manager v6.2 (with patch for UCM applied) as primary and IPFM 20.2 as member.
Avaya CS 1000 version 7.6, where CS 1000 is the primary and IPFM 2.0.2 is a member or backup server is allowed in the distributed setup.
IPFM 2.0.2 as primary and VPFM or COM as member and vice versa is allowed in the distributed setup,

In the solutions environment with primary, backup and member servers, the operating system on all the servers must be the same. The solutions environment cannot have a mix of Avaya and Nortel branded software.

9. Problems Resolved in This Release

The following table lists the limitations from earlier releases that have been addressed in this release:

Work Item Number	Description
wi01051569	Procedure to reset admin password does not work on Windows 2008 R2
wi01048445	ERS 5000 series stackable switch v6.2.5 and higher, has incorrect input slot displayed in IPFM
wi00985996	IPFM 50 node enterprise license is displayed as a 10 node license.
wi00941601	IPFM 2.0.1 intermittently doesn't collect flow data.
wi00894840	After uninstalling IPFM, registry and short cut folders are left behind.
Wi00563831	Sometimes in IPFM 2.0 the collector will not start after reboot when installed.

11. Solutions Documentation

For other UCM Solutions documents please refer to the COM and VPFM product release notes and technical documentation available from the Avaya Technical Support web site at:
http://www.avaya.com/support

12. Known Issues

The following table lists the new limitations in this release:

Work Item Number	Description
Wi01082470	Initial start of ipfix_collector fails in a distributed deployment when the jbossd service in the primary/central server is down while ipfix collector is coming up
wi01082837	New VM licenses will not install or work with application when a server has dual NICs with 1st NIC not bound to FQDN

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Virtualization

Each virtual appliance has its own ordering code. Note that each instance of a virtual appliance must be ordered separately. If the end user, customer or Business Partner wants to install two of the same type of virtual appliances, then two virtual appliances of that type must be ordered.

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