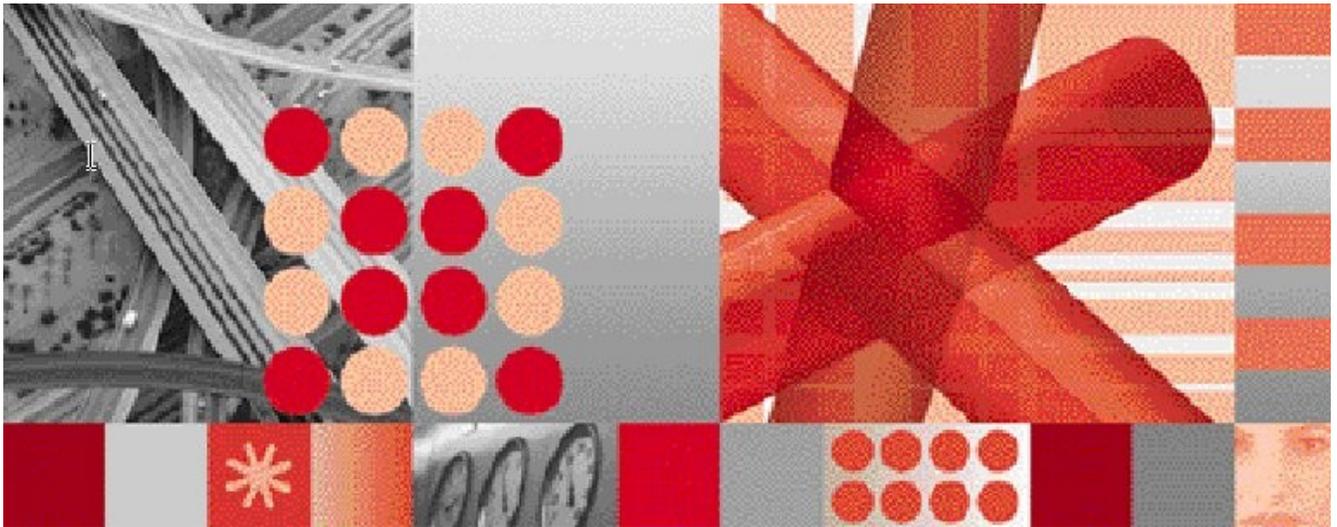


Version 3.5.1



3GPP XML Gateway Distribution Note

Note: Before using this information and the product it supports, read the information in Notices and Trademarks on page 6.

This edition applies to Version 3.5 of IBM® Tivoli® Netcool® Gateway Framework and to all subsequent releases and modifications until otherwise indicated in new editions.

© Copyright International Business Machines Corporation, 2011. All rights reserved.

US Government Users Restricted Rights - Use, duplication or disclosure restricted by GSA ADP Schedule Contract with IBM Corp.

Table of Contents

| | |
|--|----------|
| 1 About This Documentation..... | 1 |
| 1.1 Audience..... | 1 |
| 1.2 Required Skills and Knowledge..... | 1 |
| 1 Introduction..... | 2 |
| 1.1 Associated Documents..... | 2 |
| 1.1.1 Referenced Documents..... | 2 |
| 1.2 Operating system support..... | 2 |
| 1.3 Gateway Framework..... | 2 |
| 2 Release History..... | 3 |
| 2.1 Release 3.5.1..... | 3 |
| 2.1.1 Release 3.5.1.4..... | 3 |
| 2.1.2 Release 3.5.1.3..... | 3 |
| 2.1.3 Release 3.5.1.2..... | 3 |
| 2.1.4 Release 3.5.1.1..... | 4 |
| 2.2 Release 3.5.0..... | 4 |
| 2.3 Release 3.4.1..... | 4 |
| 2.4 Release 3.4.0..... | 5 |
| 2.5 Release 3.3.1..... | 5 |
| 2.6 Release 3.3.0..... | 5 |
| Notices and Trademarks..... | 6 |

1 About This Documentation

1.1 Audience

The target audience of this document is IBM Performance Manager for Wireless customers. They should be familiar with telecommunication and IT principles and should also have a good understanding of Solaris.

IMPORTANT: Before attempting an installation of Performance Manager for Wireless you are strongly advised to read the release notes and any readme files distributed with your Performance Manager for Wireless software. Readme files and release notes may contain information specific to your installation not contained in this guide. Failure to consult readme files and release notes may result in a corrupt, incomplete or failed installation.

Note: Performance Manager for Wireless Administrators should not, without prior consultation and agreement from IBM, make any changes to the Index Organized tables or database schema. Changes to the Index Organized tables or database schema may result in corruption of data and failure of the Performance Manager for Wireless System. This applies to all releases of Performance Manager for Wireless using all versions of interfaces.

1.2 Required Skills and Knowledge

This guide assumes you are familiar with the following:

- General IT Principles
- Sun Solaris Operating System
- Oracle Database
- Windows operating systems
- Graphical User Interfaces
- Network Operator's OSS and BSS systems architecture

This guide also assumes that you are familiar with your company's network and with procedures for configuring, monitoring, and solving problems on your network.

2 Introduction

You should read this Distribution Note before proceeding to install the 3GPP XML Gateway, which is referred to as the Vendor Gateway.

This Distribution Note provides an overview of the release history of this Gateway.

2.1 Associated Documents

The following documentation accompanies this release:

2.1.1 Referenced Documents

| Document Name | Document Description |
|-------------------------------------|---|
| Gateway Framework Distribution Note | This document provides an overview of the release history of the Gateway Framework. |
| 3GPP XML Gateway User Guide | 3GPP XML Gateway User Guide. Contains all vendor specific information. |

2.2 Operating system support

The Vendor Gateway is currently supported on the platforms as in the Gateway Framework Distribution Note.

2.3 Gateway Framework

The Vendor Gateway requires the Gateway Framework release 3.5.0 and above.

See [Gateway Framework Distribution Note].

The Gateway Framework and Vendor Gateway release and installation have been decoupled into separate packages and procedures.

See [Gateway Framework Installation Note].

3 Release History

3.1 Release 3.5.1

3.1.1 Release 3.5.1.4

Release Date: 31 May 2011

Listed below are the bugs to be fixed in this release.

| # | Description |
|-------------|--|
| alm00229721 | INCORRECT PARSING OF DATA FOR HUAWEI (IZ97162) |
| alm00229491 | GPP-XML unable to parse 15-minute data files |
| alm00229486 | Unwanted messages appearing while installing the 3gpp-xml-3.5.1.3 Vendor gateway |

3.1.2 Release 3.5.1.3

Release Date: 31 Jan 2011

Listed below are the bugs to be fixed in this release.

| # | Description |
|-------------|--|
| alm00209431 | Improve Performance of the 3GPP XML Gateway for Ericsson UTRAN data (MR1010104745) |

3.1.3 Release 3.5.1.2

Release Date: 31 May 2010

Listed below are the bugs to be fixed in this release.

| # | Description |
|--------|--|
| 64300 | 3GPP-XML: Unable to declare 2 rules in EngineConfig. XML_HEADER_INFO_FOR_PIF_FILENAME will not work. |
| 107745 | GATEWAY PERFORMANCE DEGRADATION FOR SIEMENS BSS XML FILES (APAR=IZ72042) |

3.1.4 Release 3.5.1.1

Release Date: 23 April 2009

Listed below are the bugs to be fixed in this release.

| # | Description |
|---|-------------------------------------|
| 1 | Support for Gateway Framework 3.5.1 |

3.2 Release 3.5.0

Release Date: 22 September 2008

Listed below are the enhancements for this release.

| # | Description |
|---|-------------------------------------|
| 1 | Support for Gateway Framework 3.5.0 |

Listed below are the bugs to be fixed in this release.

| # | Description |
|-------|---|
| 54509 | 3GPP - Unable to pick up files when start min is not a multiple of 5 |
| 55849 | Performance issues with XML_3GPP_Configuration rule |
| 57136 | Parser should handle different Time and Date format for Ericsson data |

3.3 Release 3.4.1

Release Date: 24 June 2008

Listed below are the bugs fixed in this release.

| # | Description |
|-------|---|
| 59249 | 3GPP XML parser does not produce correct values for xml tag attributes with square bracket characters |
| 59250 | 3GPP XML parser does not handle xml tag values with multiple double quoted strings |

3.4 Release 3.4.0

Release Date: 30 January 2008

Listed below are the enhancements for this release.

| # | Description |
|---|-------------------------------------|
| 1 | Support for Gateway Framework 3.4.0 |

3.5 Release 3.3.1

Release Date 1 November 2007.

Listed below are the enhancements for this release.

| # | Description |
|---|---|
| 1 | Include modules directory for Vendor Gateways |
| 2 | Include logarithm and dBm calculation for weighted average. |

Note:

The `VENDOR_GATEWAY` environment variable must be set to include the modules directory in the path before running Gateway, e.g.:

```
VENDOR_GATEWAY=${GATEWAY_ROOT}/modules/3gpp-xml
```

3.6 Release 3.3.0

Release Date 17 July 2007.

Listed below are the enhancements for this release.

| # | Description |
|---|-------------|
| 1 | Bluewash |

Listed below is a summary of the bug fixes and enhancements in this release.

| Bug# | Description |
|-------|---|
| 57102 | Fields defined in <code>XML_HEADER_INFO_FOR_PIF_FILENAME</code> are out order in pif filename |
| 56210 | Unable to produce counter names for moid when empty spaces present in moid entry |
| 55994 | Hard coded limit to the number of elements in the Block Name |
| 55337 | 3GPP XML Gateway User Guide - Typos |

Notices and Trademarks

This appendix contains the following:

- Notices
- Trademarks

Notices

This information was developed for products and services offered in the U.S.A.

IBM may not offer the products, services, or features discussed in this document in all countries. Consult your local IBM representative for information on the products and services currently available in your area. Any reference to an IBM product, program, or service is not intended to state or imply that only that IBM product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any IBM intellectual property right may be used instead. However, it is the user's responsibility to evaluate and verify the operation of any non-IBM product, program, or service.

IBM may have patents or pending patent applications covering subject matter described in this document. The furnishing of this document does not grant you any license to these patents. You can send license inquiries, in writing, to:

IBM Director of Licensing
IBM Corporation
North Castle Drive
Armonk NY 10504-1785
U.S.A.

For license inquiries regarding double-byte (DBCS) information, contact the IBM Intellectual Property Department in your country or send inquiries, in writing, to:

*Intellectual Property Licensing
Legal and Intellectual Property Law
IBM Japan Ltd.
1623-14, Shimotsuruma, Yamato-shi
Kanagawa 242-8502 Japan*

The following paragraph does not apply to the United Kingdom or any other country where such provisions are inconsistent with local law: INTERNATIONAL BUSINESS MACHINES CORPORATION PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some states do not allow disclaimer of express or implied warranties in certain transactions, therefore, this statement may not apply to you.

This information could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in new editions of the publication. IBM may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time without notice.

Any references in this information to non-IBM Web sites are provided for convenience only and do not in any manner serve as an endorsement of those Web sites. The materials at those Web sites are not part of the materials for this IBM product and use of those Web sites is at your own risk.

IBM may use or distribute any of the information you supply in any way it believes appropriate without incurring any obligation to you.

Licensees of this program who wish to have information about it for the purpose of enabling: (i) the exchange of information between independently created programs and other programs (including this one) and (ii) the mutual use of the information which has been exchanged, should contact:

*IBM Corporation
224A/101
11400 Burnet Road
Austin, TX 78758
U.S.A.*

Such information may be available, subject to appropriate terms and conditions, including in some cases, payment of a fee.

The licensed program described in this document and all licensed material available for it are provided by IBM under terms of the IBM Customer Agreement, IBM International Program License Agreement or any equivalent agreement between us.

Any performance data contained herein was determined in a controlled environment. Therefore, the results obtained in other operating environments may vary significantly. Some measurements may have been made on development-level systems and there is no guarantee that these measurements will be the same on generally available systems. Furthermore, some measurements may have been estimated through extrapolation. Actual results may vary. Users of this document should verify the applicable data for their specific environment.

Information concerning non-IBM products was obtained from the suppliers of those products, their published announcements or other publicly available sources. IBM has not tested those products and cannot confirm the accuracy of performance, compatibility or any other claims related to non-IBM products. Questions on the capabilities of non-IBM products should be addressed to the suppliers of those products.

All statements regarding IBM's future direction or intent are subject to change or withdrawal without notice, and represent goals and objectives only.

This information contains examples of data and reports used in daily business operations. To illustrate them as completely as possible, the examples include the names of individuals, companies, brands, and products. All of these names are fictitious and any similarity to the names and addresses used by an actual business enterprise is entirely coincidental.

If you are viewing this information softcopy, the photographs and color illustrations may not appear.

Trademarks

IBM, the IBM logo and ibm.com are trademarks of International Business Machines Corp., registered in many jurisdictions worldwide. Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available on the Web at "Copyright and trademark information" at <http://www.ibm.com/legal/copytrade.shtml>.

Adobe, the Adobe logo, PostScript, and the PostScript logo are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States, and/or other countries.

Microsoft and Windows are trademarks of Microsoft Corporation in the United States, other countries, or both.

Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.

Intel, Intel logo, Intel Inside, Intel Inside logo, Intel Centrino, Intel Centrino logo, Celeron, Intel Xeon, Intel SpeedStep, Itanium, and Pentium are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.



Java and all Java-based trademarks and logos are trademarks of Sun Microsystems, Inc. in the United States, other countries, or both.

UNIX is a registered trademark of The Open Group in the United States and other countries.

Other company, product or service names may be trademarks or service marks of others.



Printed in the USA.