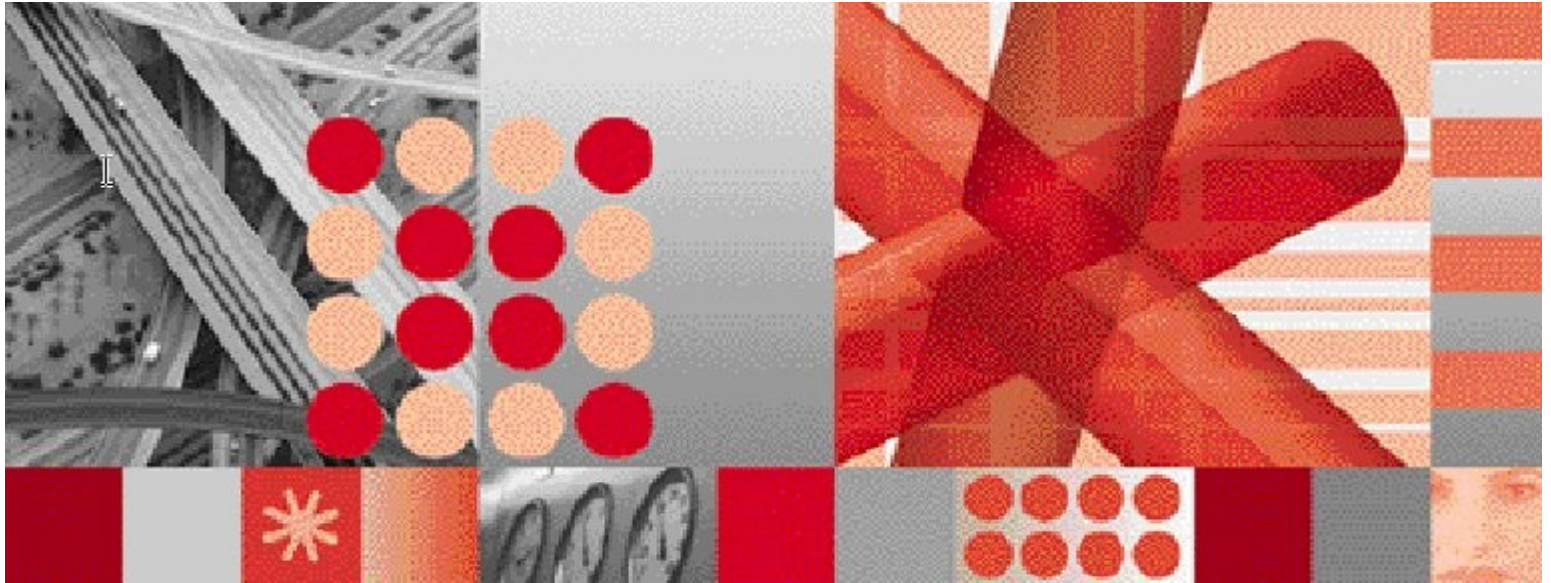




Netcool® Performance Manager for Wireless



GSMGPRS Huawei BSS V900R011C02 Fix Pack v2.0.1.0



Release Notes

Note: Before using this information and the product it supports, read the information in “Notices” in this document.

This edition applies to IBM Tivoli® Netcool® Performance Manager for Wireless GSMGPRS Huawei BSS V900R011C02 Fix Pack v2.0.1.0 and to all subsequent releases and modifications until otherwise indicated in new editions.

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1 Table of Contents

1 Table of Contents.....	4
2 About this Documentation.....	6
2.1 Audience.....	7
2.2 Required Skills and Knowledge.....	7
2.3 Document Conventions.....	7
2.4 User Publications.....	10
3 Release Contents	12
3.1 Gateway Package Contents	12
3.2 Technology Package Contents	12
4 Media Content.....	13
5 Hardware Requirements	14
5.1 Server Hardware Specification	14
5.2 Client Hardware Specification	14
6 Software Requirements & Installation	15
6.1 Gateway.....	15
6.1.1 Software Requirements.....	15
6.1.2 Installation	15
6.1.3 Post-Installation Procedure.....	15
6.1.4 Removing Gateway.....	15
6.2 Technology Package.....	16
6.2.1 Software Requirements.....	16
6.2.2 Installation	16
6.2.3 Cleaning up the Technology Packages	17
6.3 Release Restrictions.....	17
7 Known Issues.....	18
7.1 Issues Fixed in this Tech Pack release.....	18
7.2 Outstanding Known Issues.....	18
7.3 Dependent Known Issues in the core product	18
8 IBM Support.....	19
8.1 Contacting IBM Support	19
9 Documentation Addendums.....	20
Notices.....	21

2 About this Documentation

Table 1 below details the information provided by the *Tivoli® Netcool® Performance Manager for Wireless GSMGPRS Huawei BSS V900R011C02 Fix Pack v2.0.1.0 Release Notes*.

Table 1 - About this Documentation

Chapter	Description
About this Documentation	An overview of the Tivoli® Netcool® Performance Manager for Wireless GSMGPRS Huawei BSS V900R011C02 Fix Pack v2.0.1.0 documentation, which gives details of the intended audience and the structure of the guides.
Release Contents	Information on the release content included in the release.
Media Content	Details of media provided for the release.
Hardware Requirements	Details of hardware required for the release.
Software Requirements & Installation Information	Details on the Software required and the guides to be followed during the installation of the product for the release.
Known issues	Details on known issues included in the release and workarounds, if available.

2.1 Audience

The target audience of this guide 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 Tivoli® Netcool® Performance Manager for Wireless GSMGPRS Huawei BSS V900R011C02 Fix Pack v2.0.1.0 you are strongly advised to read these release notes. Failure to consult these 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.

2.2 Required Skills and Knowledge

This guide assumes you are familiar with the following:

- General IT and telecommunications principles
- Sun Solaris Operating System
- Oracle Database
- Windows Operating System
- 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.

2.3 Document Conventions

The following command prompts can be seen throughout this document where the user has to enter commands at the command line:

- # (hash): This prompt will be displayed if the user is logged in as user root.
- \$ (dollar): This prompt will be displayed if the user is logged in as either the server or oracle user.

Please note the above prompts are not part of commands. All commands must be entered after these prompts.

This document uses the typographical conventions shown in the following table:

Table 2: General Document Conventions

<i>Format</i>	<i>Examples</i>	<i>Description</i>
ALL UPPERCAS E	GPS NULL MYWEBSERVER	Acronyms, device names, logical operators, registry keys, and some data structures.
Link	See www.sun.com	For links within a document or to the Internet.
Bold	Note: The busy hour determiner is...	Heading text for Notes, Tips, and Warnings.
SMALL CAPS	The STORED SQL dialog box... ...click VIEW... In the main GUI window, select the FILE menu, point to NEW, and then select TRAFFIC TEMPLATE.	Any text that appears on the GUI.
<i>Italic</i>	<i>A busy hour</i> is... A web server <i>must</i> be installed... See the <i>User Guide</i>	New terms, emphasis, and book titles.
Monospace	<code>./wminstall \$ cd /cdrom/cdrom0 /xml/dict addmsc.sh core.spec Type OK to continue.</code>	Code text, command line text, paths, scripts, and file names. Text written in the body of a paragraph that the user is expected to enter.
Monospace Bold	<code>[root] # pkginfo grep -i perl system Perl5 On-Line Manual Pages system Perl 5.005_03 (POD Documentation) system Perl 5.005_03</code>	For contrast in a code example to show lines the user is expected to enter.
<code><Monospace italics></code>	<code>#cd <oracle_setup></code>	Used in code examples: command-line variables that you replace with a real name or value. These are always marked with arrow brackets.

Tivoli® Netcool® Performance Manager for Wireless Release Notes

[square bracket]	log-archiver.sh [-i][-w][-t]	Used in code examples: indicates options.
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2.4 User Publications

The following user publications are provided with the Tivoli® Netcool® Performance Manager for Wireless GSMGPRS Huawei BSS V900R011C02 Fix Pack v2.0.1.0 software in Adobe® PDF and HTML formats.

Table 3 - Tivoli® Netcool® Performance Manager for Wireless GSMGPRS Huawei BSS V900R011C02 Fix Pack v2.0.1.0 User Publications

Document	Description
<i>Tivoli® Netcool® Performance Manager for Wireless Gateway Installation Note</i>	Provides general Gateway post installation procedure.
<i>Distribution Note</i>	Provides instructions and general information on how to install Gateway Configuration package.
<i>Tivoli® Netcool® Performance Manager for Wireless Installation Guides</i>	Instructions for installing and configuring the Tivoli® Netcool® Performance Manager for Wireless software.
<i>Technology Pack Installation Notes</i>	Provides instruction and general information on how to install a Technology pack.
<i>Product Requirements Specification</i>	Definition of the product designed, in response to requests from customers and Marketing.
<i>Functional Specification</i>	Provide the detail description of the characteristics of the product with regard to its intended capability.
<i>Delta Documents</i>	Documents to highlight the differences of this release with the previous version.

3 Release Contents

Tivoli® Netcool® Performance Manager for Wireless GSMGPRS Huawei BSS V900R011C02 Fix Pack v2.0.1.0 contains the following components:

3.1 Gateway Package Contents

- Gateway Configuration package - vallent-vt-gways-cfg-huawei-bss-v900r011c02-3.5.0.2.tar.gz
- Vendor Gateway package - gways-generic-csv-3.5.0.3.tar.gz
gways-3gpp-xml-3.5.1.2.tar.gz
- Gateway Framework package - gways-gateway-framework-3.5.1.11.tar.gz

3.2 Technology Package Contents

- Techpack_Module_Name - “Huawei GSM BSS V900”
- Technology Pack - vallent-vt-GSMGPRS_Huawei_BSS_V900R011C02FP-2.0.1.tar.gz

4 Media Content

Tivoli® Netcool® Performance Manager for Wireless GSMGPRS Huawei BSS V900R011C02 Fix Pack v2.0.1.0 is composed of the following media:

- Refer to the *3.1 Gateway Package Contents* and *3.2 Technology Package Contents*.

5 Hardware Requirements

5.1 Server Hardware Specification

The minimum hardware requirements for a Tivoli® Netcool® Performance Manager for Wireless GSMGPRS Huawei BSS V900R011C02 Fix Pack v2.0.1.0 Server are the following:

- For Gateway requirements, refer to the *Tivoli® Netcool® Performance Manager for Wireless Gateway Installation Note*
- For Technology Package requirements, refer to the *Tivoli® Netcool® Performance Manager for Wireless Installation Guide*

5.2 Client Hardware Specification

The minimum hardware requirements for a Tivoli® Netcool® Performance Manager for Wireless GSMGPRS Huawei BSS V900R011C02 Fix Pack v2.0.1.0 Client are the following:

- Refer to the *Tivoli® Netcool® Performance Manager for Wireless Installation Guide*

6 Software Requirements & Installation

6.1 Gateway

6.1.1 Software Requirements

To view the software products required to install the Tivoli® Netcool® Performance Manager for Wireless GSMGPRS Huawei BSS V900R011C02 Fix Pack v2.0.1.0 system refer to the *Tivoli® Netcool® Performance Manager for Wireless Gateway Installation Note*, which is included in the release media packaging (CD/DVD) or online download via web portal.

6.1.2 Installation

To carry out the installation of Tivoli® Netcool® Performance Manager for Wireless GSMGPRS Huawei BSS V900R011C02 Fix Pack v2.0.1.0 refer to the *Tivoli® Netcool® Performance Manager for Wireless Installation Guide* for the Gateway Configuration package, Vendor Gateway package, and Gateway Framework package installation, *which is* included in the Documentation CD-ROM or online as appropriate.

6.1.3 Post-Installation Procedure

Please refer to *Tivoli® Netcool® Performance Manager for Wireless Gateway Installation Note* for general Gateway post installation procedures.

Please refer to *Distribution Note* that comes with the Gateway Configuration package for post installation procedures specific to the deployed package, if any.

6.1.4 Removing Gateway

Please refer to *Tivoli® Netcool® Performance Manager for Wireless Gateway Installation Note* for procedures on removing Gateway packages.

6.2 Technology Package

6.2.1 Software Requirements

To view the software products required to install the Tivoli® Netcool® Performance Manager for Wireless GSMGPRS Huawei BSS V900R011C02 Fix Pack v2.0.1.0 system refer to the *Tivoli® Netcool® Performance Manager Technology Package Installation Notes*, which is included in the release media packaging (CD/DVD) or online download via web portal.

Supported Platforms

- Tivoli® Netcool® Performance Manager for Wireless version 9.2 and above.

6.2.2 Installation

To carry out the installation of Tivoli® Netcool® Performance Manager for Wireless GSMGPRS Huawei BSS V900R011C02 Fix Pack v2.0.1.0 refer to the *Tivoli® Netcool® Performance Manager Technology Package Installation Notes*, which is included in the release media packaging (CD/DVD) or online download via web portal.

Additional Installation Instructions

The following GOM or GOMlet (if any) technology packs should be installed before installing this technology pack.

GOM Technology Packs below or later version must be installed:

- vallent-vt-Neutral_Core_GOM-1.0.tar.gz
- vallent-vt-Neutral_GSM_BSS_NSS_GOM-1.0.tar.gz
- vallent-vt-Neutral_GPRS_UMTS_CN_GOM-1.0.tar.gz
- vallent-vt-Neutral_UMTS_UTRAN_GOM-1.0.tar.gz
- vallent-vt-Neutral_GPRS_BSS_GOM-1.0.tar.gz

GOMlet Technology Packs below or later version must be installed:

- vallent-vt-HUA_GOMlet-2.4.tar.gz

Please refer to section 5 “Verification of Installed Tech Pack” in the *Tivoli® Netcool® Performance Manager Technology Package Installation Notes* to verify whether the technology packs has been installed.

For information regarding contents on various kinds of technology packs, please refer to section 2.2 “Package Contents” in the *Tivoli® Netcool® Performance Manager Technology Package Installation Notes*.

1. Install the Technology Pack as follow.

Tivoli® Netcool® Performance Manager for Wireless Release Notes

- If you intend to install this Tech Pack on a system where there are no previous versions of this Tech Pack, please follow the steps stated under Section “Fresh Tech Pack Installation” in the *Tivoli® Netcool® Performance Manager Technology Package Installation Notes*.
- If you intend to install this Tech Pack on a system where either of the following Tech Packs is already installed, please proceed to Section “Upgrade Tech Pack Installation” in the *Tivoli® Netcool® Performance Manager Technology Package Installation Notes*.

vallent-vt-GSMGPRS_Huawei_BSS_V900R011C02-2.0.0.tar.gz

2. Please proceed with the procedures stated under section 2.3.4 to section 2.3.6 in the *Tivoli® Netcool® Performance Manager Technology Package Installation Notes* for the rest of the installation process.
3. For Vendor Specific Technology Packs, please proceed with the procedures stated under section 3 “Loader” in the *Tivoli® Netcool® Performance Manager Technology Package Installation Notes*.

6.2.3 Cleaning up the Technology Packages

Please follow the procedures stated under Section “Uninstallation” in the *Tivoli® Netcool® Performance Manager Technology Package Installation Notes*.

6.3 Release Restrictions

This release is for *General availability*.

7 Known Issues

7.1 Issues Fixed in this Tech Pack release

Table 4 – Issues fixed in this release

No	ID	Headline
1	alm00213411	GSMGPRS Huawei BSS V900R011C02: DD/DB Mismatch Parameters
2	alm00225310	V900R012 counters to be added into V900R011C02 Tech Pack

7.2 Outstanding Known Issues

None.

7.3 Dependent Known Issues in the core product

For a list of known Core issues relating to this Tivoli® Netcool® Performance Manager for Wireless GSMGPRS Huawei BSS V900R011C02 Fix Pack v2.0.1.0 please refer to the following Known Core Issue Tech Note link:

[http://www-01.ibm.com/support/docview.wss?
rs=3256&context=SSKGHX&uid=swg21375600&loc=en_US&cs=utf-8&lang=en](http://www-01.ibm.com/support/docview.wss?rs=3256&context=SSKGHX&uid=swg21375600&loc=en_US&cs=utf-8&lang=en)

8 IBM Support

8.1 Contacting IBM Support

Please use the IBM Tivoli Support website:

<http://www-306.ibm.com/software/sysmgmt/products/support/assistance.html>

9 Documentation Addendums

None.

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