

Virtual I/O Server Version 1.4



# Release Notes



Virtual I/O Server Version 1.4



# Release Notes

**Note**

Before using this information and the product it supports, read the information in “Notices,” on page 11.

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## Chapter 1. Version 1.4 enhancements

There are a number of enhancements in this release of the Virtual I/O Server (VIOS).

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### Virtual I/O Server enhancements

VIOS V1.4 delivers improvements in usability, simplification, security, connectivity, maintenance, and user management. As part of an IBM® System p / Tivoli collaboration effort, a number of core Tivoli® products have been enabled to provide leading-edge virtualization monitoring capabilities for Virtual I/O Server. In addition, new POWER™ platform enablement and new storage solutions and interconnects are enabled with VIOS V1.4.

### Virtual I/O Server (VIOS)

- POWER6
  - VIOS enablement for POWER6™ System p
- Lightweight Directory Access Protocol (LDAP)
  - Centralized user management
- Simple Network Management Protocol (SNMP)
  - Standard interface used for monitoring and management
- New storage subsystems: nSeries and NetApp subsystems, iSCSI and Fiber Channel attachments, and new interconnects: SAS (for disk attach), SATA (optical controller)
- System planning and deployment upgrades
  - The system planning and deployment tool helps simplify the process of planning and deploying System p and virtual I/O. The tool also supports the planning and deployment of the virtual I/O partitions. Additional information can be found at the following Web site:

<http://www-304.ibm.com/jct01004c/systems/support/tools/systemplanningtool>

- Integrated Virtual Ethernet (also referred to as HEA or Host Ethernet Adapter)
  - VIOS's Shared Ethernet Adapter (SEA) supports bridging virtual Ethernet to HEA
- GVRP (GARP VLAN Registration Protocol)
  - Automatic registration of VLANs to external switches
- VIOS CLI improvements: security, maintenance, user management, usability
- Integrated Virtualization Manager (IVM) adds support for System Plan Management
  - Web UI and command line support was added for System Plan Management
- Tivoli Storage Manager (TSM) client
  - Automated backup/restore of VIOS customized data. For more information about this product, see the following Web site:

<http://www-306.ibm.com/software/tivoli/products/storage-mgr/>

- IBM Tivoli Usage and Accounting Management (ITUAM) agent
  - Accounting/usage metric collection/analysis. For more information about this product, see the following Web site:

<http://www-306.ibm.com/software/tivoli/products/usage-accounting/>

- IBM Tivoli Application Dependency Discovery Manager (TADDM)
  - System p and VIOS resource discovery. For more information about this product, see the following Web site:

<http://www-306.ibm.com/software/tivoli/products/taddm/>

- IBM Tivoli Monitoring V6.1 (ITM) enhancements
  - Additional performance and throughput monitoring for the Virtual I/O Server beyond what was previously provided by the IBM Tivoli Monitoring System Edition for System p V6.1 product that is available at no charge to System p customers. Customers interested in these enhancements can purchase IBM Tivoli Monitoring V6.1 at the following Web site:

<http://www-306.ibm.com/software/tivoli/products/monitor-systemp/>



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## Chapter 2. Installation, Migration, Upgrade, and Configuration Information

The following information applies to Virtual I/O Server.

**Note:** This software might contain errors that could result in critical business impact. Install the latest available update packages prior to using this software. Update packages can be obtained from the following Web site:

<http://www14.software.ibm.com/webapp/set2/sas/f/vios/download>

To view the most current version of the Virtual I/O Server release notes, go to the online release notes at the following Web site:

<http://publib.boulder.ibm.com/infocenter/pseries/v5r3/index.jsp?topic=/com.ibm.aix.resources/53relnotes.htm>

All users of the Virtual I/O Server should subscribe to the Virtual I/O Server subscription service. Subscribing to this service allows users to stay current on Virtual I/O Server news and critical product updates. To subscribe, go to the following Web site:

<http://www14.software.ibm.com/webapp/set2/subscriptions/pqvcmj>

and click the **Subscribe/Setup** tab.



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## Chapter 3. Software License Agreements

There are instances where the software license agreements might not be displayed correctly. In this event, the License Agreements can be viewed in all languages at the following Web site:

<http://www.ibm.com/software/sla/sladb.nsf>



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## Chapter 4. Online documentation for Virtual I/O Server

For online documentation, see *Using the Virtual I/O Server* at the following Web site:

<http://publib.boulder.ibm.com/infocenter/eserver/v1r3s/topic/iphb1/iphb1kickoff.htm>

For additional documentation, including Redbooks™, refer to this Web site:

<http://www14.software.ibm.com/webapp/set2/sas/f/vios/documentation/home.html>



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## Chapter 5. Update to chlang command for Customers in Japanese Locales

Customers in Japanese locales should use the **chlang** command to force messages on the left to appear in English. Without this option, messages during the boot sequence are corrupted.

To change the Virtual I/O Server's locale to Japanese, the user needs to issue the following command:

```
chlang -msg C01ft -lang ja_JP
```





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## Appendix. Notices

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