

BOX for SWIFTNet V3

Hardware & Software Requirements

This fact sheet specifies the minimum hardware configuration required to run BOX for SWIFTNet V3.x. For high volume throughput additional resources may be required.

Disk space

For BOX for SWIFTNet V3 server and web client program components 150 MB have to be calculated under Microsoft Windows Server 2003, 2008 and 2008 R2. IBM AIX, Linux x86, Linux for z/OS and SUN Solaris. 250 MB have to be calculated under IBM z/OS.

Additional disk space is required for the documents, messages, history data etc. stored in the RDBMS database. This required disk space has to be added to the space required for programs. It depends on the configured system and workflow, required logging information, used message types, number of SWIFT messages daily stored and the number of days before those messages are purged from the database (retention period).

For each message has to be calculated:

- 15 kb base data (SWIFT message)
- + workflow related data, e.g. :
 - 5 kb for each TGI
 - 6,5 kb for each SBI
 - 15 kb for each report
 - (2 kb + data size) for each Version Representation (different versions of original message)
 - 1 kb for each DLI (depends on number of recipients (approx. 200bytes each))
 - 3,5 kb for each owner assignment (depends on number of new owners (approx. 200bytes each))

CPU and RAM for MPO Server

| Hardware (*)(**) | Minimum Requirements |
|------------------|--|
| PC platform(***) | - 2 processor ≥ 3 GHz - 2 GB RAM, recommended 4GB |
| IBM System p | - 1 processor 2 GHz - 2 GB RAM, recommended 4GB |
| IBM System z | - Any model running z/OS or Linux for System z |
| Oracle Sun SPARC | - 1 processor 2 GHz - 2 GB RAM, recommended 4GB |
| | |

- (*) Cluster environment supported, please refer to your Operating System specifications
- (**) For multiple BOX installations on the same system (HW or LPAR) please contact INTERCOPE (support@intercope.com) for feasibility checking
- (***) 64bit hardware highly recommended

Operating System

| Software | Requirements |
|--------------------|--|
| Microsoft Windows | - Server 2003 - Server 2008 and 2008 R2 |
| Linux x86 | Any Linux Server distribution based on glibc 2.9 (20081117) or compatible (e.g. SUSE Linux Enterprise Server, Red Hat Enterprise Linux Server, Ubuntu). Kernel 2.6.27 or compatible with ELF and SystemV-IPC support. Public-Domain Korn-Shell (pdksh) |
| Linux for System z | Any Linux Server distribution based on glibc 2.11.1 (20100118) or compatible (e.g. SUSE Linux Enterprise Server, Red Hat Enterprise Linux Server, Ubuntu) . Kernel 2.6.32 or compatible with ELF and SystemV-IPC support. Public-Domain Korn-Shell (pdksh) |
| Oracle Solaris | Solaris 10 |
| IBM AIX | AIX 5.3 or later |
| IBM z/OS | zOS 1.9 to 1.12 |

RDBMS

| RDBMS | Requirements (*) |
|----------------------------|---|
| Unix and Windows platforms | IBM DB2 versions 9.1 or higher or Oracle versions 10.2 or higher |
| z/OS | IBM DB2 versions 8.2 to 10 Note: When DB2 is running under z/OS and the BOX server on another platform you must install DB2 Connect on the BOX server machine. |

(*) For other RDBMS requirements contact support@intercope.com

Java API

| JAVA API | Requirements |
|---------------|--|
| All platforms | Oracle Java SE 6 (also needed for BOX Server components). If other Java platforms are used these must be compatible with Oracle Java SE 6 |

WebSphere MQ

| WebSphere MQ | Requirements |
|---------------------|---------------------|
| All platforms | WebSphere MQ 7 |

Web Application Server

| Web Application Server | Requirements |
|-------------------------------|---|
| All platforms | IBM WebSphere Application Server versions 6.1 or higher, or 7.x Apache Jakarta Tomcat versions 5.5.9, 6.0 or 7.0 or Oracle WebLogic Server versions 9.3, 10.x or 11.g |
| RAM requirement | 2 GB RAM |

Browser

| Browser | Requirements |
|----------------|--|
| All platforms | Internet Explorer 6 (*), Firefox 3 or newer versions on Windows platform |

(*) 32bit version of Internet Explorer required