

IRISCOPE VIRTUAL SERVER REQUIREMENTS

Date Updated: 11/22/2017

PURPOSE

The purpose of this document is to provide the minimum virtual server specifications for the iRIScope system.

HARDWARE / PERFORMANCE SPECIFICATIONS

Hardware Specs	Number of Client Machines		
	1-4	5-10	11-20
Processor	2 vCPU	2 vCPU	2 vCPU
RAM	8 GB	12 GB	16 GB
Drives			
C (OS)	100 GB	100 GB	100 GB
D (Database)	60 GB	60 GB	60 GB
E (DBLogFiles)	60 GB	60 GB	60 GB
F (DBBackup)	60 GB	60 GB	60 GB
Ethernet Card	Gigabit	Gigabit	Gigabit

SOFTWARE SPECIFICATIONS

- **Operating System (supported)**
 - Microsoft Windows Server 2012 R2 Standard Edition
- **Applications**
 - IIS 8.5, .Net Framework 4.5, PHP 5.4.24, 7-Zip (file archiver)
- **Database/Reporting (supported):**
 - SQL Server Standard Edition 2012 SP2 (w/Reporting Services)
 - SQL Server Standard Edition 2014 SP2(w/Reporting Services)
 - SQL Server Standard Edition 2016 (w/Reporting Services)
 - SQL Server Reporting Services (SSRS), SQL Server Integration Services (SSIS), and SQL Server Replication Component must be installed for all 3 versions of SQL Server
- **NTP Server**
- **SMTP Server**
- **Application**
 - Java Runtime environment 7.0.6 32 bit only
- **Anti-virus**
 - Avira 14.0 or comparable antivirus

FIREWALL SPECIFICATIONS

The following firewall ports should be open for the system to function properly and for remote support.

- RDP access (3389)
- HTTP (80)
- HTTPS (443)
- Mirth (8080, 8443, 1099)
- VNC (5900)
- ICMP
- SQL Server (1433)
- SMTP (25)
- NTP (123)
- SFTP (22)

REVISION HISTORY

Name	Date	Reason for Changes	Version
P Kardono	02/11/2015	- Change form - Change Hardware requirement, remove Processor type to number of CPU - Change HDD partition size and remove swap drive - Added server feature for NTP and SMTP server - Added port open request - Change antivirus to Avira 14 or comparable antivirus	6
K Le	03/12/2015	- Change SQL 2008 to SQL 2012	7
K Le	09/08/2016	- Separated iRIScope from iRISupply requirements	8
K Le	11/15/2016	- Changed Windows Server 2008 to Windows Server 2013	9
K Le	06/15/2017	- Updated applications requirement	10
K Le	11/03/2017	- Updated hard drive and vCPU specification - Updated document formatting	11
K Le	11/17/2017	- Added SFTP port requirement	12
K Le	11/22/2017	- Added SQL Server Reporting Services (SSRS), SQL Server Integration Services (SSIS), and SQL Server Replication Component	13
K Le	02/06/2018	- Document formatting revisions	14