IMPLEMENTATION REQUIREMENTS

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Requirements

Client stations

Please make sure that the client stations meet the recommended requirements listed below:

|  |  |
| --- | --- |
| Hardware requirements | Processor: 2,4 GHz 32-bit (x86) or 64-bit(x64) dual-.core processor  RAM: 2 GB  Hard drive requirements: 2 GB of free space |
| Operating system | Windows 7, 8.1, 10 (x86 or x64), Windows Server 2008 R2, 2012, 2012 R2 and later |

Server

Please make sure that your server meets the minimum\* requirements listed below.

Additional information: <https://www.safetica.com/products/features-overview>

Depending on the number of endpoints Safetica Management Service might be installed on the same server as SQL database (first table), or they might be on different servers (second table).

Same server for Safetica Management Service and SQL database:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Seats | Up to 200 | Up to 500 | | Up to 2000 |
| Processor | Quad-core | 8-core | | 8-core |
| RAM | 8GB | 16GB | | 32GB |
| Hard drive\*\* | 100GB free disk space | 250GB free disk space | | 500GB free disk space |
| Operating system | Windows Server 2012 or newer with IIS 7.5 and .NET 4.5.2 or newer | | | |
| Database type and version | MS SQL Server 2012 or newer (including MS SQL Express editions); MS SQL Server 2016 recommended / AzureSQL S1 or S2 | | MS SQL Server 2012 or newer; MS SQL Server 2016 recommended / AzureSQL S2 or S3 | MS SQL Server 2012 or newer; MS SQL Server 2016 recommended / AzureSQL S4, S6 or P1 |

Two servers for Safetica Management Service and SQL database:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Seats | Up to 5000 | | Up to 10000 | | |
|  | Server for SMS | Server for SQL database | Server for SMS | | Server for SQL database |
| Processor | 8-core | 8-core | 8-core | | 8-core |
| RAM | 16GB | 32GB | 32GB | | 32+GB |
| Hard drive\*\* | 100GB free space (SSD) | 1TB+ free space (SSD or 15k+ HDD in RAID configuration) | 100GB free space (SSD) | | 1TB+ free space (SSD or 15k+ HDD in RAID configuration) |
| Operating system | Windows Server 2012 or newer with IIS 7.5 and .NET 4.5.2 or newer | | | | |
| Database type and version | MS SQL Server 2016 recommended / AzureSQL DTU (P4), vCore (8 cores) | | | MS SQL Server 2016 recommended / AzureSQL DTU (P6), vCore (8 cores) | |

\*In order to ensure smooth performance and best experience, we recommend prior consultation of the hardware requirements with our technical consultant

\*\*Hard Drive requirements take into consideration required space for database and backups

OTHER REQUIREMENTS

Please prepare the following environment for Proof of Concept implementation:

|  |  |
| --- | --- |
| Access | Please arrange the local or remote access for all client stations chosen for Proof of Concept implementation. |
| SQL database | Please prepare MS SQL in supported version (see above). There is also an option to use MS SQL Express which is part of Safetica Installer.  Please install .NET framework 4.5.2 on server station. |
| Network | Stations chosen for installation of Safetica Endpoint Client must be able to connect to the server with Safetica Management Service and to the database server.  Server needs to have firewall exceptions on following ports:  1433 (SMS – DB, outbound), 4438 (SMS – SEC, inbound), 4441 (SMS – SMC, inbound) and 4442 (update, inbound).  E-mail account for sending of automated alerts. (optional)  Structure in Microsoft® Active Directory® (preferably without duplicities among groups). |
| Client stations | Please arrange the possibility to restart client stations.  Also, please arrange the possibility to temporarily deactivate the antivirus on client stations.  Please install .NET framework 3.5 (except .NET 4.5.1) on client stations. |
| Email client | Monitoring of email communication using StartTLS is not supported. |

Environment

|  |  |
| --- | --- |
| Security software | Please fill in security software being used in your organization (antivirus, firewall, …) |
| Other software | Please fill in other software being used on client stations |

CUSTOMER COOPERATION

To ensure that every step goes as smoothly as possible there is a minimal level of customer cooperation required. It includes:

* List of client stations chosen for Proof of Concept implementation (20 – 30; not business critical; heterogeneous group)
* Output of Safetica Support Tool from client station of every type (hardware configuration and software equipment)
* Remote access to the station where Safetica Management Service will be installed
* Remote access to the station where Safetica Management Console will be installed  
  (possibly same station where Safetica Management Service is installed)
* Means of local or remote installation of Safetica Agent component (e.g. Group Policy Microsoft® Active Directory®)
* Creating an exception for Safetica processes in antivirus, firewall and VPN settings
* Remote access to station where Safetica Management Console is installed for correct data collection check on week basis
* Tool for database administration (e.g. SQL Server Management Studio in case of MS SQL Server being used)
* On demand cooperation of every person involved in realisation

Note: Either ISL Online, Microsoft Remote Desktop or Team Viewer 11 can be used to provide remote access.