

# System Requirements

## Windows Server 2012

## Windows Server 2012 R2

## Windows Server 2016

Base: HiScout 3.1

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## 1. Introduction

This document describes the general system requirements the infrastructure has to meet, prior to installation of HiScout 3.1.

## 2. Installation prerequisites

### 2.1 Server infrastructure considerations

HiScout can be installed in two different constellations:

- ① Web, application and database on one server
- ② Web and application on one server, database on a different server

#### Note to 2:

If HiScout web and application are not installed on the same server as the database, the technical user (the user in who's context the HiScout windows service runs), should be a domain user with access on the web/application server and the database server.

- ▶ On the web/application server, the technical user needs to be in group **administrators**.
- ▶ On the database server, the technical server needs to be in role **db\_owner** for the databases of HiScout and Business Logic Engine database.

### 2.2 System requirements (Software, Hardware)

#### 2.2.1 Web / Application server

Software	Patch level
Windows 2012 (64 Bit)	Latest patches
Windows 2012 R2 (64 Bit)	Latest patches
Windows 2016 (64 Bit)	Latest patches
.NET Framework	4.5.2
Hardware	Scaling
CPU (minimum)	4 Physical cores
CPU (recommended)	6 Physical cores
RAM (minimum)	8 GB
RAM (recommended)	32 GB
HDD (application)	10 GB of free disc space
HDD (document space)	Depending on amount and size of documents uploaded. Recommended 100 GB

### 2.2.2 Database server

Software	Patch level
Windows 2012 (64 Bit)	Latest patches
Windows 2012 R2 (64 Bit)	Latest patches
Windows 2016 (64 Bit)	Latest patches
SQL Server 2012	Latest patches The feature <b>Full-Text and Semantic Extractions for Search</b> must be installed. Collation: <b>Latin1_General_CI_AS</b>
SQL Server 2014	Latest patches The feature <b>Full-Text and Semantic Extractions for Search</b> must be installed. Collation: <b>Latin1_General_CI_AS</b> <b>COMPATIBILITY_LEVEL = 110</b>
SQL Server 2016	Latest patches The feature <b>Full-Text and Semantic Extractions for Search</b> must be installed. Collation: <b>Latin1_General_CI_AS</b> <b>LEGACY_CARDINALITY_ESTIMATION = ON</b>
Hardware	Scaling
CPU (minimum)	4 Physical cores
CPU (recommended)	6 Physical cores
RAM (minimum)	8 GB
RAM (recommended)	32 GB
HDD	Recommended 100 GB

### 2.2.3 Client, Workstation

System	Patch level
Windows 7 (32 Bit / 64 Bit)	Latest patches
Windows 8	Latest patches
Windows 8.1	Latest patches
Windows 10	Latest patches
Browser	Patch level

Internet Explorer	Version 9, 11 (without compatibility mode)
Firefox	minimum Version ESR 52.2
Chrome	minimum Version 59
<b>Hardware</b>	<b>Specification</b>
Monitor	Resolution minimum 1280x1024



JavaScript must be enabled



Popups must be enabled

### 2.3 Installation prerequisites for application and web server

- ▶ **ASP.NET 4.0** and **4.5.2** need to be installed
- ▶ Role **Web Server** need to be installed
- ▶ Message Queuing needs to be activated

#### 2.3.1 Assert that ASP.NET 4.0 and .NET 4.5.2 are installed

- ▶ Assert that the folder **C:\WINDOWS\Microsoft.NET\Framework\v4.0.30319** exists.
- ▶ Assert that the entry **Microsoft .NET Framework 4.5.2** exists in **Control Panel → Add or Remove Programs**.



The HiScout installer asserts that .NET 4.5.2 is installed.  
If the framework is missing the installer aborts.

#### 2.3.2 Microsoft Access Database Engine 2010 Redistributable

If you want to use RiskAssessment or GSMeasures2 Plugin you will need to install **Microsoft Access Database Engine 2010 Redistributable**. Otherwise the generation of Excel-files will not be possible for those plugins. Both the 32 bit and 64 bit versions must be installed. This requires the second installation to be called with the argument `/passive`, i.e `C:\AccessDatabaseEngine_X64.exe /passive`.

You can download it here: <https://www.microsoft.com/en-us/download/details.aspx?id=13255>.