

# REFRESH INSIGHT SERVER & APPS

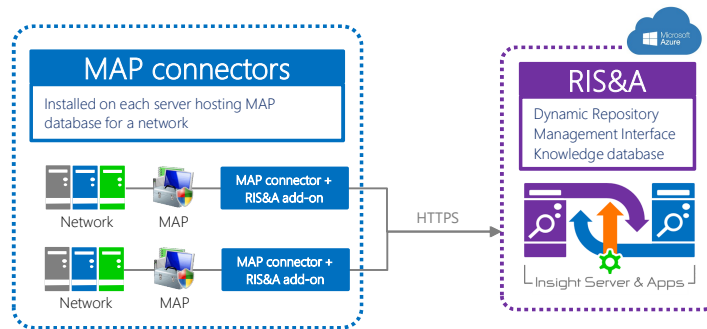
Digital Transformation, rapid Cloud adoption and obsolescence of operating systems and software components (eg Windows Server 2003, databases, Web servers, runtimes,...) lead IT departments to adopt modern platforms including : Microsoft® Windows Server 2016, Microsoft® Windows Server 2012 R2, Linux (CentOS, RedHat, Suse or Ubuntu) or Microsoft Azure.

**Refresh Insight Server&Apps** is a software solution designed to help **decision making** and facilitate the preparation and the conduct of **Servers and Applications evolution projects towards a modern IT**, be it on premise, in Microsoft Azure, in a private Cloud or hybrid (partly on premise, partly in the Cloud).

This software covers the phases of discovery, assessment and identification of the possible evolution targets for servers and software components in a state of obsolescence, as well as the monitoring during the roll out of a migration project (get current) or on an ongoing basis (stay current).

**Refresh Insight Server&Apps** provides tremendous value to consultants in charge of elaborating and overseeing server and application evolution projects, including greater productivity, greater reliability and time saving.

## Architecture



### Refresh Insight Server & Apps - SaaS (standard)

- Hosted by Refresh IT Solutions

### Refresh Insight Server & Apps - OnPremise (option) : Server requirements

- Windows 2012R2 Standard Edition
- Quad Core 2.66Ghz
- 4GB of RAM
- 150GB of disk space (1 system partition of 60GB, 1 data partition of 80GB)
- IIS 8.5
- Oracle Database 11GR2/12c Express Edition
- Oracle Client 11GR2/12c 64bit

## Connector requirements

### Requirements to use MAP Connector

#### Requirements and impacts

##### Requirements on machine running MAP Connector

- Microsoft Assessment Planning Toolkit 9.1 or higher (latest version is recommended) using LocalDB database
- MSXML 6.0
- PowerShell 3.0
- Access from MAP machine to the RIS&A SaaS platform <https://risa.refresh-it-solutions.com/RISA/>
- Storage (system partition)**
  - Installation files : 30 MB
  - Logs and temporary data < 150 MB
- Network**
  - Inventory and software usage data transferred to the Refresh Insight Server & Apps platform : 8KB per server.
- Performance**
  - During MAP Connector execution (by default once a day)
    - Memory consumption : 20 MB
    - Processor usage ~5%

##### Requirements on servers to be analyzed (for dependencies and in-depth SQL Server information)

- Windows Remote Management (WinRM) is running
- Firewall exceptions are configured for WinRM (Windows) or SSH (Linux)
- Remote access is enabled for the SQL Server instances

##### Requirements on credentials

- Credentials are to be provided for the technologies used (WMI, SQL Server, Powershell, SSH)

## Main functions

### Import collected data

#### Connectors

- Microsoft Assessment and Planning Toolkit
- Excel file
- Any sources accessible by SQL requests (need to configure the mapping between RIS&A repository and sources)

#### Offline mode

- Import data collected from a PC/Server without connection to RIS&A server

#### Collection of dependencies

- Collect Connection String of .Net Web application hosted by IIS 6.0 or greater
- Collect EndPoint configuration of .Net Web application hosted by IIS 6.0 or greater
- Collect SMTP configuration and default databases in httpd.conf (Web application hosted by Apache)
- Collect Microsoft Network Load Balancing information
- Collect TNSNames configuration for Oracle databases
- Collect network flows between servers

#### Collection of SQL Server indicators

- Number of tables, views, functions, stored procedures.
- Batch requests
- Transactions per second
- Compliancy to SQL Server 2012, 2014 & 2016
- Number of active connections
- Last request execution
- Number of requests executed last month
- Cold data (for Stretch Database feature of SQL Server 2016)
- Compliancy to SQL Server 2012, 2014 & 2016

## Customer

### Customer management

- Create new customers
- Select the source used for the customer (MAP / Excel / RISA Agent)
- Archive a customer

## MAP of servers

### Servers overview

- View servers grouped by customer and subnet
- View applications installed on servers
- View components installed on servers for an application
- Access to a short server inventory (model, RAM, OS version, components installed)

### Servers dependencies overview

- View servers grouped by web applications
- View interdependencies between servers for a web applications

### Migration progress

- Set migration paths (for each component and server)
- Set migration information (batch name, scheduled date, real migration date, target server)

### Filter

- Filter by server name
- Filter by application
- Advanced research (filter on any inventory data)

## Servers and applications importer

### Export

- Export servers & applications matrix in Excel file

### Import

- Import servers & applications matrix from an Excel file

### Synchronize

- Synchronize servers & applications matrix to model automatically applications structures

## Product/Version Management

- Manage your own KDB

### Product/Version

- View list of product/version
- Filter by Product/Version/Vendor/Component/Type
- Duplicate a product/version
- View product/version details
- Create a new product/version
- Change Release date / End of support date\*
- Change compliancy of a product/version for W2008, W2008R2 and W2012R2\*
- Attach/Remove a component to a product/version\*
- Delete a product/version\*
- View signatures associated to a product/version
- Create a new component associated to a product/version\*

### Signatures

- View list of signatures
- Filter by signatures
- Associate a signature to a product/version
- Add a new signature
- Delete a signature\*\*
- Import/Export signatures

\* Available only for Products/Versions of your KDB

\*\* Available only for signatures of your KDB

## Components gallery

### Gallery management

- View component gallery
- Filter by component type / Filter by component name
- Filter on your component
- Filter on components without detection rules
- Add/Update a component

## Application modeler

### Application

- View application model (list of components / targets/ platforms)
- Create/modify an application
- Remove a component

### Component

- Create/modify a component
- View signatures associated to the component

### Target

- View eligibilities

### Platform

- View eligibilities

## Reporting

### Infrastructure

- Software rationalization
- Component overview
- RIS&A Dashboard
- Categorization of servers for W2016 / W2012R2
- Server inventory
- SQL Server details
- Cold data Report

### Application

- SQL Server analysis
- Server dependencies
- Application analysis

### Migration

- Batch report
- Migration progress overview

## Collected data

### Static inventory data

#### Hardware information

- Server model
- Processor model, frequency and number of cores
- Physical memory size
- Hard disks and partitions sizes

#### Network information

- Network interfaces : Name, DHCP configuration, Ip addresses
- NLB configuration\*

#### Inventory scanning information

- Last scan date
- Description of MAP instance\*\*

#### Software information

- Installed software
- Web browsers

#### Operating system information

- Version
- Service Pack
- Architecture (x86 or x64)
- Language
- Timezone\*
- Active Directory domain
- Server name
- Server roles
- Server components

### Server resources usage data

#### Memory usage

- Average and maximum consumption
- % time in low usage (<20%)\*
- % time in normal usage (between 20% and 60%)\*
- % time in high usage (between 60% and 90%)\*
- % time in critical usage (> 90%)\*

#### Disks usage

- Average and maximum of disk IOPS
- % time in normal usage (between 20% and 60%)\*
- % time in high usage (between 60% and 90%)\*
- % time in critical usage (> 90%)\*

#### CPU usage

- Average and maximum usage
- % time in low usage (<20%)\*
- % time in normal usage (between 20% and 60%)\*
- % time in high usage (between 60% and 90%)\*
- % time in critical usage (> 90%)\*

#### Network usage

- Average and maximum used bandwidth (MB/s) for read operations
- Average and maximum used bandwidth (MB/s) for write operations

### Software usage data

#### For each running process \*\*\*

- Process name
- Total execution duration\*
- CPU usage\*
- Memory consumption\*
- IO read (Bytes/s) : Network + disks\*
- IO writes (Bytes/s) : network + disks\*

\* Information available only with RIS&A Agent

\*\* Information available only with MAP Connector

\*\*\* Following Windows Server 2003 default processes are excluded : cmd, cscript, csrss, ctfdmon, explorer, logon.scr, lsass, mshta, oobechk, rdpclip, rundll32, services, smss, spoolsv, svchost, System, taskmgr, unsecapp, winlogon, wdfmgr, wmiprvse

## Application related data

### Email & collaboration

- Exchange server version
- OCS version
- Sharepoint version

### Database

#### SQL Server Database information

- SQL Server instance name
- SQL Server Database name
- SQL Server Database size
- SQL Server Version
- SQL Server Clustered?\*\*
- SQL Server Service Status\*\*
- SQL Server Logs size\*\*

#### Oracle Database information

- Server and services in TNSNames.ora\*

#### SQL Server Components

- SQL Server component name
- SQL Server component version
- SQL Server instance name\*

\* Need to execute "Web sites and databases dependencies" MAP scenario. This scenario is available after installing MAP connector.

Web site
<b>IIS Information</b> <ul style="list-style-type: none"> <li>List of IIS web sites</li> <li>List of IIS virtual directories</li> <li>Average and maximum number of simultaneous connections*</li> </ul> <b>Dependencies</b> <ul style="list-style-type: none"> <li>Connection string in .NET configuration files (only server &amp; database name, no credentials)*</li> <li>Connection string in PHP file (only server &amp; database name, no credentials)*</li> <li>Default databases and SMTP relay in httpd.conf (for Apache)*</li> <li>EndPoint configuration in .NET configuration files*</li> </ul>
<p><i>* Need to execute "Web sites and databases dependencies" MAP scenario. This scenario is available after installing MAP connector.</i></p>

File and print
<b>File server information</b> <ul style="list-style-type: none"> <li>List of shared folders* (Share name, size, number of files, files over maximum size for Sharepoint, files with names not compliant with Sharepoint)</li> </ul> <p><i>Hidden shares are excluded (admin\$, c\$, d\$, ...)</i></p>

Terminal Server
<b>Terminal Server information</b> <ul style="list-style-type: none"> <li>Average and maximum number of concurrent active sessions</li> </ul>
<p><i>* Information available only with RIS&amp;A Agent      ** Information available only with MAP Connector</i></p>

## Available reports

### Server inventory

#### Report summary

- One pager report with key information about the server and suggested migration path
- Appendix to see all collected data



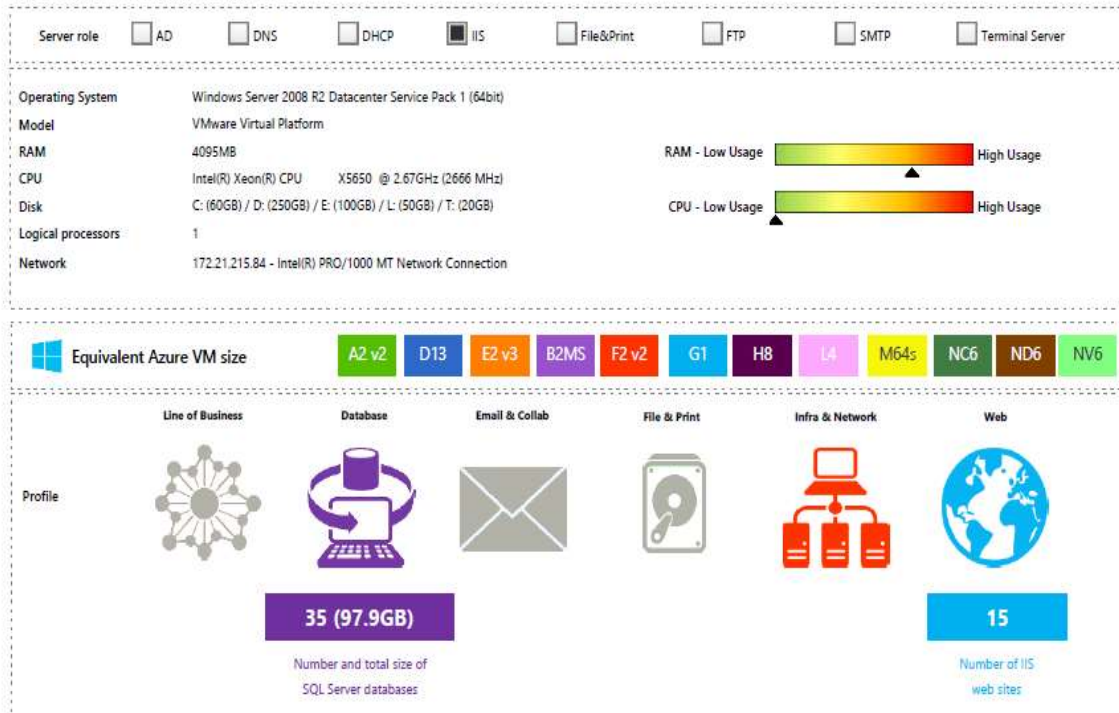
## Server Diagnosis

4/19/2018 4:08 PM

RITSLABD00123.ritest.local

This report details the specification of the server as well as the workloads running on this server. Below you will find details on where you can migrate this workload to, either on premises or in Azure.

A list of supported workloads in Azure can be found [here](#).



Below is the list of the core workloads detected on the server, with the recommended approach for migration to either On-Premises or Cloud targets.

Workloads	WS 2012R2	WS 2016	Azure service
ADO.NET Entity Framework 4.1			
IIS			Azure Web Apps (P3)
JetBrains dotTrace Performance 5.3			
Microsoft SQL Server 2008R2			Azure SQL Service (SQLService)
Microsoft SQL Server 2008R2 SP3			Azure SQL Service (SQLService)
Compliant            Upgrade needed            Not compliant            Unknown			

## Report details

2015/11/20 14:52

FAL001-2008R2-1.RITSTEST.local

### Hardware

Model	Virtual Machine		
RAM	2047MB		
CPU	Intel(R) Xeon(R) CPU E5620 @ 2.40GHz (2394 MHz)		
<hr/>			
RAM (Average)	79%	RAM (Maximum reached)	81%
CPU (Average)	14%	CPU (Maximum reached)	19%
IO (Average)	16 IOPS	IO (Maximum)	38 IOPS

### Hard disk

Caption	Device Id	Size
Virtual HD ATA Device	\\.\PHYSICALDRIVE0	127GB

### Partition

Drive Letter	Drive Name	File system	Size	Free space
C:	SYSTEM	NTFS	127GB	54.00GB

### Network

Network Adapter	IP Address	Static
Microsoft Virtual Machine Bus Network Adapter	192.168.0.118;fe80::ed0cda27e101:242b	No

### System

Operating System	Microsoft Windows Server 2008 R2 Enterprise Service Pack 1
System language	1033
Domain	RITSTEST.local

### Roles

Name
Application Server
Web Server
Windows SharePoint Services

### Components

Windows Server Components
.NET Extensibility
.NET Framework 3.5.1 Features
ASP
ASP.NET
Application Development
Application Server
Basic Authentication



Server : FAL001-2008R2-1

## Processes

Usage per process is available only if you use RISA agent to scan your servers.

Process	CPU (%)	RAM (%)	I/O Read (byte/s)	I/O Write (byte/s)	Total time (hh:mm)
mscorsvw (Microsoft .NET Framework*)	-	-	-	-	-
SMStvHost (Microsoft .NET Framework*)	-	-	-	-	-
presentationfontcache (Microsoft .NET Framework*)	-	-	-	-	-
infocard (Windows CardSpace*)	-	-	-	-	-
vssvc (Volume Shadow Copy*)	-	-	-	-	-
locator (Remote Procedure Call (RPC) Locator*)	-	-	-	-	-
alg (Application Layer Gateway Service*)	-	-	-	-	-
wmiapsrv (Microsoft WMI Performance Adapter*)	-	-	-	-	-
dllhost (Microsoft DCOM DLL Host Process*)	-	-	-	-	-
vds (Virtual Disk Service*)	-	-	-	-	-
spoolsv (Microsoft Printer Spooler Service*)	-	-	-	-	-
mssearch (MSSearch*)	-	-	-	-	-
msiexec (Windows Installer Component*)	-	-	-	-	-
rsopprov (RSOP Service Application*)	-	-	-	-	-
wsstracing (Microsoft SharePoint*)	-	-	-	-	-
Microsoft.Office.Server.Conversions.Launcher (Microsoft Project Server*)	-	-	-	-	-
Microsoft.Office.Server.Conversions.LoadBalancer (Microsoft Project Server*)	-	-	-	-	-
msdtc (Distributed Transaction Coordinator*)	-	-	-	-	-
sqlbrower (Microsoft SQL Server Suite*)	-	-	-	-	-
sqlservr (Microsoft SQL Server Suite*)	-	-	-	-	-
sqlwriter (Microsoft SQL Server Suite*)	-	-	-	-	-
inetinfo (IIS Admin Service Helper*)	-	-	-	-	-
aspnet_state (ASP State Service*)	-	-	-	-	-
RDMDiscoveryService	-	-	-	-	-
perfhst	-	-	-	-	-
RDMUseAnalysisService	-	-	-	-	-
Refresh.MigrationRepository.Engine	-	-	-	-	-
oravssw	-	-	-	-	-
OraClrAgnt	-	-	-	-	-
snmptrap	-	-	-	-	-
omtsreco	-	-	-	-	-
sppsvc	-	-	-	-	-
SPUHostService	-	-	-	-	-
nmesvc	-	-	-	-	-
mqsvc	-	-	-	-	-
miiserver	-	-	-	-	-
trdslnr	-	-	-	-	-
trustedinstaller	-	-	-	-	-
ui0detect	-	-	-	-	-
Microsoft.ResourceManagement.Service	-	-	-	-	-
vmicsvc	-	-	-	-	-
LoaderService	-	-	-	-	-
WebAnalyticsService	-	-	-	-	-
extjob	-	-	-	-	-
wmsvc	-	-	-	-	-
RDMInventoryService1	-	-	-	-	-

\* Suggested application name associated to the process based on RISA knowledge database

-  Operating System application
-  Process covered by a workload



## Applications

Below is the list of all software as detected on the server. In gray unknown signatures in KDB.

Installed applications
Microsoft Excel Mobile Viewer Components 14.0.6029.1000 (Microsoft Corporation)
Microsoft® Office Web Apps 14.0.6029.1000 (Microsoft Corporation)
Refresh For PC 4.1.1.37146 API
Refresh For PC Web site 0.0.0.0
.NET Framework 2.0 > .NET Framework 2.0
.NET Framework 3.0 > .NET Framework 3.0
.NET Framework 3.5 > .NET Framework 3.5
.NET Framework 4.0 > .NET Framework 4.0
Crystal Report 2008 Runtime SP3 12.3.0.601 (SAP AG) > Crystal Reports Runtime 2008
IIS 7.5 > IIS 7.5
Java 7 Update 15 7.0.150 (Oracle) > Java Runtime Environment 7.0
Java Auto Updater 2.1.9.0 (Sun Microsystems, Inc.) > Java Auto Updater
Microsoft .NET Framework 4 Client Profile 4.0.30319 (Microsoft Corporation) > .NET Framework Client Profile 4.0
Microsoft .NET Framework 4 Extended 4.0.30319 (Microsoft Corporation) > .NET Framework Extended 4.0
Microsoft .NET Framework 4 Multi-Targeting Pack 4.0.30319 (Microsoft Corporation) > .NET Framework Multi-Targeting 4.0
Microsoft Access Services English Language Pack 14.0.6029.1000 (Microsoft Corporation) > Microsoft Access Services Server
Microsoft Access Services Server 14.0.6029.1000 (Microsoft Corporation) > Microsoft Access Services Server
Microsoft Application Error Reporting 12.0.6012.5000 (Microsoft Corporation) > Windows Server Component
Microsoft Application Error Reporting 12.0.6015.5000 (Microsoft Corporation) > Windows Server Component
Microsoft Chart Controls for Microsoft .NET Framework 3.5 3.5.0.0 (Microsoft Corporation) > Microsoft Chart Controls 3.5
Microsoft Document Lifecycle Components 14.0.6029.1000 (Microsoft Corporation) > Microsoft Document Lifecycle Components
Microsoft Document Lifecycle Components English Language Pack 14.0.6029.1000 (Microsoft Corporation) > Microsoft Document Lifecycle Components
Microsoft Excel Services Components 14.0.6029.1000 (Microsoft Corporation) > Microsoft Excel Services
Microsoft Excel Services English Language Pack 14.0.6029.1000 (Microsoft Corporation) > Microsoft Excel Services
Microsoft Filter Pack 2.0 14.0.4763.1000 (Microsoft Corporation) > Microsoft Filter Pack 2.0
Microsoft Help Viewer 1.1 1.1.40219 (Microsoft Corporation) > Windows Server Component
Microsoft InfoPath Form Services English Language Pack 14.0.6029.1000 (Microsoft Corporation) > Microsoft Office Language Pack
Microsoft InfoPath Forms Services 14.0.6029.1000 (Microsoft Corporation) > Microsoft InfoPath Forms Services
Microsoft Office PowerPoint Viewer 2007 (French) 12.0.4518.1014 (Microsoft Corporation) > Microsoft PowerPoint Viewer 2007
Microsoft Office Server Proof (Arabic) 2010 14.0.6028.1000 (Microsoft Corporation) > Microsoft Office 2010
Microsoft Office Server Proof (English) 2010 14.0.6029.1000 (Microsoft Corporation) > Microsoft Office 2010
Microsoft Office Server Proof (French) 2010 14.0.6028.1000 (Microsoft Corporation) > Microsoft Office 2010
Microsoft Office Server Proof (German) 2010 14.0.6028.1000 (Microsoft Corporation) > Microsoft Office 2010
Microsoft Office Server Proof (Russian) 2010 14.0.6028.1000 (Microsoft Corporation) > Microsoft Office 2010
Microsoft Office Server Proof (Spanish) 2010 14.0.6028.1000 (Microsoft Corporation) > Microsoft Office 2010
Microsoft Office Web Apps Application Server Components 14.0.6029.1000 (Microsoft Corporation) > Microsoft Office Web Apps
Microsoft Office Web Apps English Language Pack 14.0.6029.1000 (Microsoft Corporation) > Microsoft Office Web Apps
Microsoft Office Web Apps Proof (Arabic) 2010 14.0.6028.1000 (Microsoft Corporation) > Microsoft Office Web Apps
Microsoft Office Web Apps Proof (English) 2010 14.0.6029.1000 (Microsoft Corporation) > Microsoft Office Web Apps
Microsoft Office Web Apps Proof (French) 2010 14.0.6028.1000 (Microsoft Corporation) > Microsoft Office Web Apps
Microsoft Office Web Apps Proof (German) 2010 14.0.6028.1000 (Microsoft Corporation) > Microsoft Office Web Apps
Microsoft Office Web Apps Proof (Russian) 2010 14.0.6028.1000 (Microsoft Corporation) > Microsoft Office Web Apps
Microsoft Office Web Apps Proof (Spanish) 2010 14.0.6028.1000 (Microsoft Corporation) > Microsoft Office Web Apps
Microsoft Office Web Apps Service Pack 1 (SP1) (Microsoft) > Microsoft Office Web Apps
Microsoft Office Web Apps Web Front End Components 14.0.6029.1000 (Microsoft Corporation) > Microsoft Office Web Apps
Microsoft Report Viewer 2012 Runtime 11.0.2100.60 (Microsoft Corporation) > Microsoft Report Viewer 2012
Microsoft SQL Server 2005 Analysis Services ADOMD.NET 9.00.1399.06 (Microsoft Corporation) > SQL Server Component 2005
Microsoft SQL Server 2008 (64-bit) (Microsoft Corporation) > SQL Server Component 2008
Microsoft SQL Server 2008 10.1.2531.0 > Microsoft SQL Server 2008 SP1
Microsoft SQL Server 2008 Analysis Services ADOMD.NET 10.1.2531.0 (Microsoft Corporation) > SQL Server Component 2008
Microsoft SQL Server 2008 Common Files 10.0.1600.22 (Microsoft Corporation) > SQL Server Component 2008

## SQL Server databases





Instance	Database Name	Size	Product Name	Clustered?
RFPC	master	4MB	Microsoft SQL Server 2012	?
RFPC	MIGRATORV41	6MB	Microsoft SQL Server 2012	?
RFPC	model	3MB	Microsoft SQL Server 2012	?
RFPC	msdb	17MB	Microsoft SQL Server 2012	?
RFPC	ssmasterdb	7MB	Microsoft SQL Server 2012	?
RFPC	sysdb	5MB	Microsoft SQL Server 2012	?
RFPC	tempdb	8MB	Microsoft SQL Server 2012	?
SHAREPOINT	Application_Registry_Service_DB_8fc691b6710740a2a063	2MB	Microsoft SQL Server 2008	?
SHAREPOINT	Bdc_Service_DB_d4330285e2f142839972f8b44fc7f9e	3MB	Microsoft SQL Server 2008	?

## Oracle TNSNames.ora

Alias	Database Server Name	Port	Service Name
RFPC	FAL001-2008R2-1.RITSTEST.local	1521	RFPC
RFPCPROD	192.168.0.41	1521	RFPC
RFPCV41	RITTEST-41	1521	RFPC

## Server Dependencies - Hosted services

Services hosted by FAL001-2008R2-1 are used by following servers

Server	Dependency	Application Tag
Internal usage		
 FAL001-2008R2-1	MySQL	DevicesManager
 FAL001-2008R2-1	Oracle	RFPC
 FAL001-2008R2-1	Web	DevicesManager
 FAL001-2008R2-1	Web	RefreshForPC

## SQL Server components

Instance	Components	Version
MSOLAP\$RFPC	SQL Server Analysis Services	11.1.3000.0

## IIS Web Sites

Site name	Path
W3SVC/1/ROOT	C:\inetpub\wwwroot
W3SVC/1/ROOT/DevicesManager	C:\inetpub\wwwroot\DevicesManager
W3SVC/1/ROOT/DevicesManager/reports	C:\RefreshDevicesManager\ResourceStore\Reports
W3SVC/1/ROOT/DevicesManagerAPI	C:\inetpub\wwwroot\DevicesManagerAPI
W3SVC/1/ROOT/DevicesManagerLog	C:\inetpub\wwwroot\DevicesManagerLog
W3SVC/1/ROOT/DevicesManagerLog/Log	C:\RefreshDevicesManager\ResourceStore\AppLogs
W3SVC/1/ROOT/RefreshForPCAPI	C:\inetpub\wwwroot\RefreshForPCAPI
W3SVC/1/ROOT/RefreshForPCAPI/Com	\\FAL001-2008R2-1\Com\$
W3SVC/1/ROOT/RefreshForPCAPI/Order	\\FAL001-2008R2-1\RFPCOrder\$
W3SVC/1/ROOT/crystalreportviewers12	C:\Program Files (x86)\Business Objects\Common\4.0\crystalreportviewers12

Component overview

Report summary

- Get the list of components installed on selected servers



Component overview - 32 server(s) / 0 excluded server(s)

12/2/2015 1:35 AM

This report lists all detected generic component (from generic workload application) and the number of servers on which they were detected (except excluded servers).

Component name	Count	%
.NET Framework 2.0	24	75.0%
.NET Framework 3.0	24	75.0%
.NET Framework 3.5	24	75.0%
.NET Framework 4.5	24	75.0%
Microsoft Visual C++ Runtime (x64) 2010	22	68.8%
IIS	21	65.6%
Microsoft Visual C++ Runtime 2010	18	56.3%
Crystal Reports Runtime (x64)	16	50.0%
Microsoft Visual C++ Runtime 2008	12	37.5%
Silverlight 4.0	11	34.4%
Refresh For PC 2014R2	10	31.3%
Oracle Database Server 11gR2	9	28.1%
.NET Framework 4.0	8	25.0%
Microsoft Visual C++ Runtime (x64) 2005	8	25.0%
Microsoft Visual C++ Runtime 2005	8	25.0%
IIS 8.5	7	21.9%
Microsoft Report Viewer 2012	7	21.9%
Microsoft SQL Server 2012 RTM	7	21.9%
Microsoft Visual C++ Runtime (x64) 2013	7	21.9%
Microsoft Visual Studio 2013	7	21.9%
MySQL Connector/ODBC 5.3	7	21.9%
Crystal Reports Runtime 2008	6	18.8%
IIS 7.5	6	18.8%
Microsoft Visual C++ Runtime (x64) 2008	6	18.8%
Microsoft ASP.NET MVC 4.0	5	15.6%

## Report summary

- Distribution of Server Profiles
- Global Azure Strategy (IaaS / PaaS)
- Global OnPremise Strategy (Rehost As Is / Rehost Upgrade / Replace)



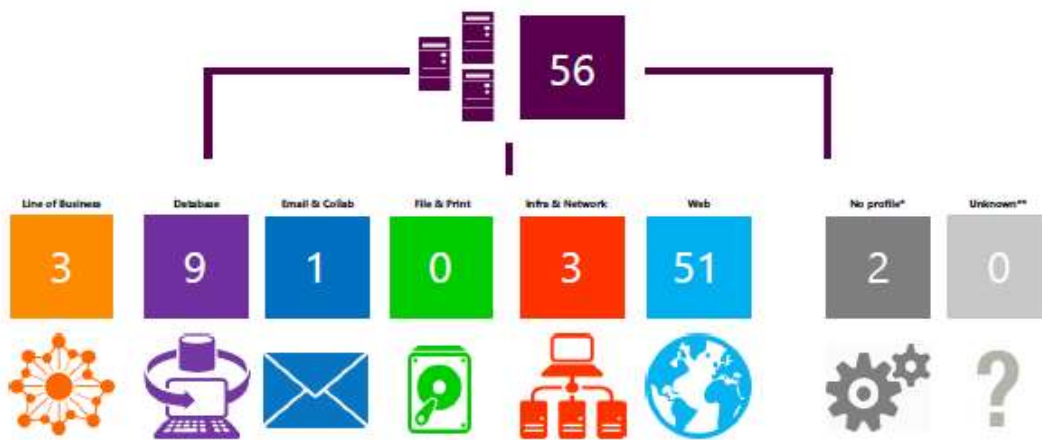
## Server evolution overview

9/3/2015 5:12 PM

This report provides an overview of the installed base of servers.

## Distribution of Server Profiles

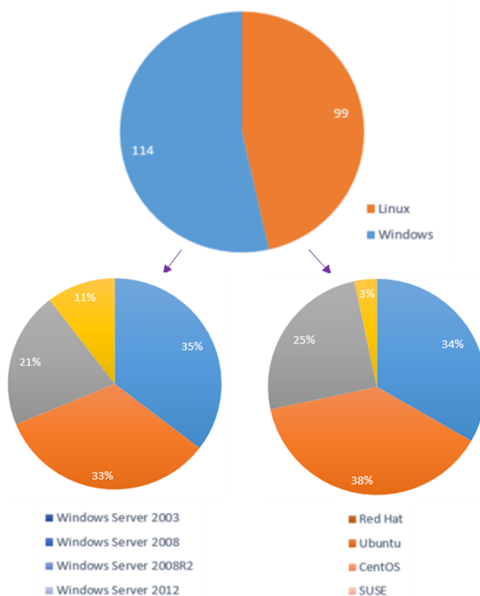
The schema below describes profiles per server. Each server can belong to multiple profiles.  
Number of servers analyzed: **56 servers** (148 logical processors)



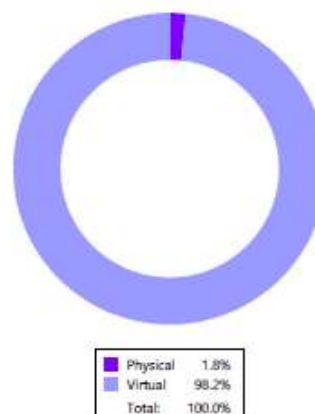
\* "No Profile" profile means that only core components have been discovered on the server.

\*\* "Unknown" profile means that no component has been discovered (no inventory data or only unknown component)

## OS Distribution



## Architecture

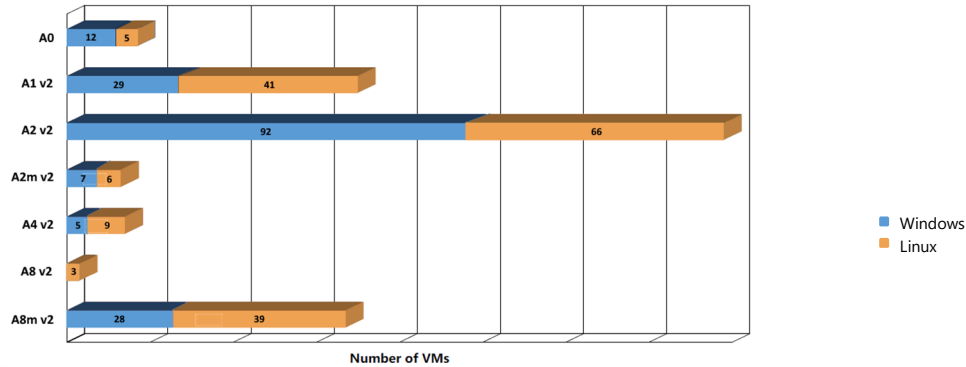


Scope



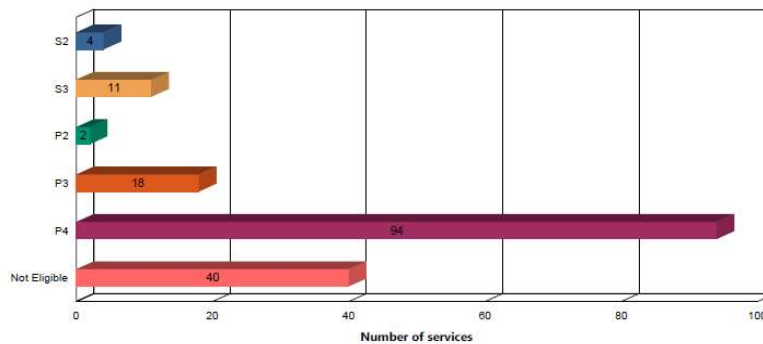
## IaaS Strategy

Azure VM (A-series)



## PaaS Strategy

Azure Web Apps



## IaaS details

The table below lists all servers with their eligible Azure VM target for each Azure series.

The usage indicator is colored based on the CPU and RAM usage (low, normal, high, critical or unknown).

Server	Usage	A	D	E	B	F	G	H	I	M	Nc	Nd	Nv
RITSLABB00123	Critical	A4m v2	D13 v2	E4 v3	B8M5	F16 v2	G2	H8	L4	M64s	NC6 v2	ND6	NV6
RITSLABB00124	High	A2 v2	D13 v2	E2 v3	B2M5	F2 v2	G1	H8	L4	M64s	NC6 v2	ND6	NV6
RITSLABD00101A	Normal	A8 v2	D13 v2	E8 v3	B8M5	F8 v2	G3	H8	L8	M64s	NC12 v2	ND12	NV12
RITSLABD00212	Normal	A4 v2	D13 v2	E4 v3	B4M5	F4 v2	G2	H8	L4	M64s	NC6 v2	ND6	NV6
RITSLABD00312	Normal	A2 v2	D13 v2	E2 v3	B2M5	F2 v2	G1	H8	L4	M64s	NC6 v2	ND6	NV6
RITSLABD01001	Normal	A8 v2	D13 v2	E8 v3	B8M5	F8 v2	G3	H8	L8	M64s	NC12 v2	ND12	NV12
RITSLABD02564	High	A8 v2	D13 v2	E8 v3	B8M5	F8 v2	G3	H8	L8	M64s	NC6 v2	ND6	NV6
RITSLABF00000	Normal	A8 v2	D13 v2	E8 v3	B8M5	F8 v2	G3	H8	L8	M64s	NC12 v2	ND12	NV12
RITSLABF00256	High	A4 v2	D13 v2	E4 v3	B4M5	F4 v2	G2	H8	L4	M64s	NC6 v2	ND6	NV6
RITSLABF00256A	Normal	A2m v2	D13 v2	E2 v3	B2M5	F4 v2	G1	H8	L4	M64s	NC6 v2	ND6	NV6
RITSLABF01123	Normal	-	D15 v2	E16 v3	-	F16 v2	G4	H16	L16	M64s	NC12 v2	ND12	NV12
RITSLABF01123A	Normal	-	D15 v2	E16 v3	-	F16 v2	G4	H16	L16	M64s	NC12 v2	ND12	NV12
RITSLABH01562	Normal	A2 v2	D13 v2	E2 v3	B2M5	F2 v2	G1	H8	L4	M64s	NC6 v2	ND6	NV6
RITSLABLP00105	Critical	A2m v2	D13 v2	E2 v3	B2M5	F4 v2	G1	H8	L4	M64s	NC6 v2	ND6	NV6
RITSLABLP01235	High	A8m v2	D13 v2	E8 v3	B8M5	F16 v2	G3	H8	L8	M64s	NC6 v2	ND6	NV6

\* Not eligible to Azure VM

Usage: ■ Low (< 30%) ■ Normal (30-60%) ■ High (60-90%) ■ Critical (> 90%) ■ Unknown

Status indicated for one of the two criteria (Average of consumption for RAM or CPU) exceeding the threshold



## Report summary

- Get the list of software installed on selected servers



## Software Rationalization

12/2/2015 1:44 AM

This report lists all detected software and the number of servers on which they were detected (except excluded servers).

## Scope



Software identified: 232

## Software count per category



## Component-related software

Application Development - Development Tools 4			
Software name	Vendor	Count	%
<b>Microsoft Visual Studio</b>			
Microsoft Visual Studio 2013	Microsoft Corporation	7	21.9%
Microsoft Visual Studio 2010	Microsoft Corporation	5	15.6%
Microsoft Visual Studio 2008	Microsoft Corporation	2	6.3%
Microsoft Visual Studio 6.0	Microsoft Corporation	2	6.3%

Application Development - Web Design and Development 2			
Software name	Vendor	Count	%
<b>Node.js</b>			
Node.js 0.12	Joyent, Inc.	1	3.1%
Node.js 4.2	Joyent, Inc.	1	3.1%

Communications - Email & Collaboration 7			
Software name	Vendor	Count	%
<b>Lotus Notes</b>			
Lotus Notes	IBM Corporation.	2	6.3%
<b>SharePoint Server</b>			
SharePoint Server 2013	Microsoft Corporation	4	12.5%
SharePoint Server 2007	Microsoft Corporation	1	3.1%
SharePoint Server 2010 RTM	Microsoft Corporation	1	3.1%
SharePoint Server 2010 SP1	Microsoft Corporation	1	3.1%



## Raw signatures: 1,259



66

94.76%

97.16%

Unitary coverage\*

Total coverage\*\*

This section lists all signatures detected on servers, classified as component-related, noise or unknown.

\* "Unitary coverage": percentage of single signatures known in KDB on the total detected signatures

\*\* "Total coverage": percentage of known signatures, taking into account the number of servers on which they're detected

	Noise signatures		Unknown signatures (present on over 40% of servers)
	Signatures related to a component		Unknown signatures
Software name	Count	%	
Refresh Insight Server & Apps software 1.3.0.47229 (Refresh IT Solutions)	7	21.9%	
Oracle Express 11gR2	2	6.3%	
Outils de conception SQL Server Compact 3.5 SP1 - Français 3.5.5692.0 (Microsoft Corporation)	2	6.3%	
Pismo File Mount Audit Package	2	6.3%	
RFPC Client SDK 2014R2	2	6.3%	

## Categorization of servers (W2016)

### Report summary

- Categorization of servers into simple/medium/highly complex to migrate
- Recommended Azure VM target sizing
- Detected components (with Windows Server 2016 compliance).



## Categorization of servers for Windows Server 2016

Server	Dependency	KDB Coverage	Components	Cat.	Workloads						Operating System	Hardware			
												Model		Usage	Disk size
RITSLAB00101	No data	98.04%	Active Directory DNS Server	A	✓						2008R2	Virtual Machine		Normal	120
RITSLAB00101	Group3	100.00%	BigHand External Workflow Server 3.50 BigHand Services 3.50 BigHand Workflow Server 3.50 DHCP Server DNS Server IIS	B	✓	✓		✓			2003	Virtual Machine		Low	3500
RITSLAB00101A	Group 21	100.00%	BlackBerry Enterprise Server for Microsoft Exchange 5.0 Microsoft SQL Server 2005 SP4	C			✓		✓		2008R2	Virtual Machine		Normal	120
RITSLAB00102	No data	98.40%	Active Directory Certificate Services IIS	B	✓	✓					2008R2	Virtual Machine		High	50
RITSLAB00102A	Group 3	99.03%	Terminal Server	A	✓						2012R2	ProLiant BL460c Gen8	✓	Normal	100
RITSLAB00108	Group 3	94.87%	IIS Microsoft SQL Server 2008R2 SP3	B		✓	✓				2008R2	Virtual Machine		Critical	5800
RITSLAB001102A	No data	100.00%	Active Directory DNS Server	A	✓						2008R2	ProLiant DL360p Gen8	✗	Normal	1225

Azure Series												Software Eligibilities							
A	B	D	E	F	G	H	L	M	NC	ND	NV	Compliant components	To upgrade	To replace	Unknown compliance	Database	Website		
A1 v2	B1S	D1 v2	E2 v3	F1	G1	H8	L4	M64s	NC6 v2	ND6	NV6	Active Directory DNS Server							
A1 v2	B1S	D1 v2	E2 v3	F1	G1	H8	L4	M64s	NC6 v2	ND6	NV6	DHCP Server DNS Server IIS	BigHand External Workflow Server 3.50 BigHand Services 3.50 BigHand Workflow Server 3.50				W3SVC/1/ROOT		
A0	B1S	D1 v2	E2 v3	F1	G1	H8	L4	M64s	NC6 v2	ND6	NV6		Microsoft SQL Server 2005 SP4	BlackBerry Enterprise Server for Microsoft Exchange 5.0		MSSQLSERVER-iAGAccounts MSSQLSERVER-iAGDatabase MSSQLSERVER-master (5MB) MSSQLSERVER-model (4MB)			
A1 v2	B1S	D1 v2	E2 v3	F1	G1	H8	L4	M64s	NC6 v2	ND6	NV6	Active Directory/Certificate Services IIS							
A1 v2	B1S	D1 v2	E2 v3	F1	G1	H8	L4	M64s	NC6 v2	ND6	NV6	Terminal Server							
A1 v2	B1S	D1 v2	E2 v3	F1	G1	H8	L4	M64s	NC6 v2	ND6	NV6	IIS Microsoft SQL Server 2008R2 SP3				BPSQL12-CIS_PR (1488MB) BPSQL12-master (14MB) BPSQL12-model (2MB) BPSQL12-msdb (396MB)	W3SVC/1/ROOT/webauth W3SVC/1/ROOT/pwqmqm W3SVC/1/ROOT/pwviewer W3SVC/1/ROOT/pwqmqm W3SVC/1/ROOT/webanon		
A1 v2	B1S	D1 v2	E2 v3	F1	G1	H8	L4	M64s	NC6 v2	ND6	NV6	Active Directory DNS Server							

## Server dependencies

### Report summary

- Links detected between servers with details on type (SQL, http, resource, etc.), port and associated application.



## Server dependencies

Source Server	Type	Port	Target Server	Tag	Server Type
RITSLAB00202	SQL Server		1433 RITSLAB00202	Unknown #5171	In scope
RITSLAB-001	HTTP		80 RITSLAB-002	Unknown #5259	In scope
RITSLAB-002	HTTP		80 RITSLAB-001	Unknown #5260	In scope
RITSLAB-DC-01	HTTPS		443 65.55.252.93	Unknown #5269	External
RITSLAB-DC-01	Undefined		389 RITSLAB-DC-01	Unknown #5269	In scope
RITSLAB-DC-01	Undefined		389 RITSLAB-PRTG-002	Unknown #5269	In scope
RITSLAB-DC-02	HTTPS		443 40.77.226.249	Unknown #5270	External
RITSLAB-DC-02	HTTPS		443 65.55.252.93	Unknown #5270	External
RITSLAB-DC-02	Undefined		389 RITSLAB-DC-02	Unknown #5270	In scope
RITSLAB-DC-02	Undefined		389 RITSLAB-PRTG-002	Unknown #5270	In scope
RITSLAB-MGT-002	SQL Server		1433 RITSLAB-VDSQL11	Unknown #5293	In scope
RITSLAB-PRTG-002	HTTPS		443 10.200.5.201	Unknown #5299	External
RITSLAB-PRTG-002	HTTP		443 10.200.5.202	Unknown #5299	External
RITSLAB-PRTG-002	HTTP		80 RITSLAB-SCC-001	Unknown #5299	In scope
RITSLAB-PRTG-002	HTTP		80 RITSLAB-WEB-003	Unknown #5299	In scope
RITSLAB-PRTG-002	HTTP		80 RITSLAB-SCC-002	Unknown #5299	In scope
RITSLAB-VSQL04	SQL Server		0 RITSLAB-VSQL04	App1	In scope
RITSLAB-VSQL04	SQL Server		0 RITSLAB-VSQL04	App1Report	In scope
SERVER101	SQL Server		0 RITSLAB-SQL11	LabAPI	In scope
SERVER101	HTTP		80 RITSLAB-SCC-001	Unknown #5324	In scope
SERVER101	SQL Server		0 RITSLAB-001	LabAPI	External
RITSLAB-SCC-001	Web		80 RITSLAB-SCC-002	App4	In scope
RITSLAB-SCC-002	SQL Server		0 RITSLAB-LPC	App4	External
RITSLAB-ISO1a	Resource		RITSLAB-ISO1	App2	External
RITSLAB-ISO1a	Resource		RITSLAB-ISO1	App3	External

## SQL Server details

### List of servers with SQL Server installed

- Inventory information:** Server name, Domain, Operating system, Is Virtual machine?, Cores, RAM (in MB)
- Usage:** RAM Usage (average & max), CPU Usage (average & max), Disk usage (average & max)
- SQL Server:** Versions installed, Licenses (Free, Server or Core), Number of databases, SQL Server component installed

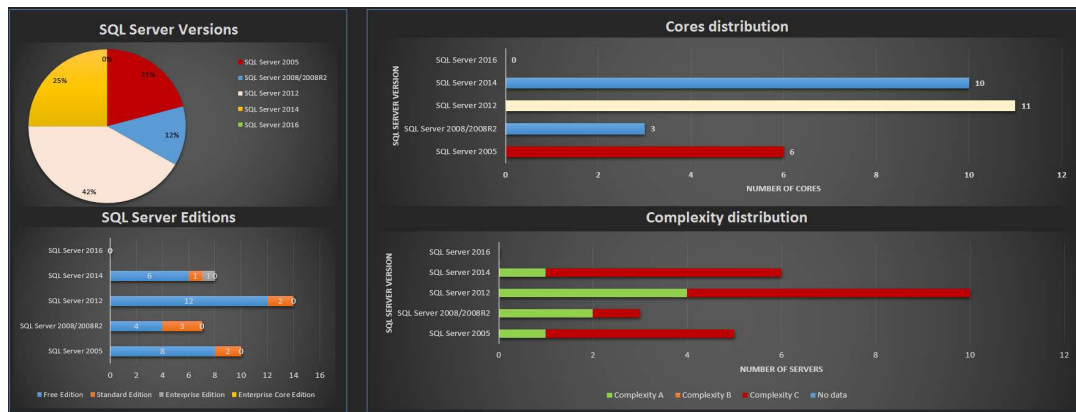


### SQL Server details

This report lists servers with SQL Server installed.

Values are highlighted: servers with SQL Server information from MAP, but without information from SQL Server Connector (Refresh IT Solutions Tool provided with MAP Connector to collect SQL Server indicators)  
 Redder box highlights servers without SQL Server information (no information about databases or components installed from MAP or SQL Server Connector)  
 Green box highlights servers with SQL Server Connector information

Inventory										Usage				SQL Server			
Server	Domain	Operating System	Virtual	Cores	RAM (MB)	Avg. RAM Usage (%)	Max. RAM Usage (%)	Avg. CPU Usage (%)	Max. CPU Usage (%)	Avg. Disk Usage (GB)	Max. Disk Usage (GB)	SQL Server version	Lic. Free	Lic. Server	Lic. Core	Database count	
RFP0000A	domain	Microsoft Windows Server 2008 R2 Enterprise		24	31802	0.01	0.01	0.0	0.0	0.0	0.0	Microsoft SQL Server 2008 R2	Enterprise	1	1	1	
RFP0000B	domain	Microsoft Windows Server 2008 R2 Enterprise		24	31802	0.02	0.02	0.0	0.0	0.0	0.0	Microsoft SQL Server 2008 R2	Enterprise	1	1	1	
RFP0000C	domain	Microsoft Windows Server 2008 R2 Enterprise		4	20539	0.02	0.02	0.0	0.0	0.0	0.0	Microsoft SQL Server 2008 R2	Enterprise	1	1	1	
RFP0000D	domain	Microsoft Windows Server 2008 R2 Enterprise		4	20539	0.01	0.01	0.0	0.0	0.0	0.0	Microsoft SQL Server 2008 R2	Enterprise	1	1	1	
RFP0000E	domain	Microsoft Windows Server 2008 R2 Enterprise	✓	4	30362	0.01	0.02	0.0	0.0	0.0	0.0	Microsoft SQL Server 2008 R2	Enterprise	1	1	1	
RFP0000F	domain	Microsoft Windows Server 2008 R2 Standard		4	20671	0.00	0.02	0.0	0.0	0.0	0.0	Microsoft SQL Server 2008 R2	Enterprise	1	2	1	
RFP0000G	domain	Microsoft Windows Server 2008 R2 Enterprise	✓	4	30362	0.00	0.02	0.0	0.0	0.0	0.0	Microsoft SQL Server 2008 R2	Enterprise	1	0	1	
RFP0000H	domain	Microsoft Windows Server 2008 R2 Standard	✓	4	30361	0.01	0.06	0.0	0.4	0.0	0.0	Microsoft SQL Server 2008 R2	Enterprise	0	2	1	
RFP0000A	domain\domain	Microsoft Windows Server 2008 Enterprise		0	1000	0.00	0.00	0.0	0.0	0.0	0.0	Microsoft SQL Server 2008	Enterprise	1	0	0	
RFP0000A	domain\domain	Microsoft Windows Server 2008 R2 Enterprise		00	14000	0.00	0.00	0.0	0.4	0.0	0.0	Microsoft SQL Server 2008 R2	Enterprise	1	0	1	
RFP0000B	domain\domain	Microsoft Windows Server 2008 R2 Enterprise		00	54000	0.00	0.00	0.0	0.0	0.0	0.0	Microsoft SQL Server 2008 R2	Enterprise	1	0	0	
RFP0000C	domain	Microsoft Windows Server 2008 R2 Enterprise		24	30360	0.00	0.00	0.0	0.24	0.0	0.0	Microsoft SQL Server 2008 R2	Enterprise	1	0	1	
RFP0000E	domain	Microsoft Windows Server 2008 R2 Enterprise		24	30360	0.00	0.00	0.0	0.0	0.0	0.0	Microsoft SQL Server 2008 R2	Enterprise	1	1	0	



## SQL Server Analysis



### SQL Server Report

05/02/2016 09:22

RFP0000Z-3	RAM	1.0GB	43%
RFP0000Z-3	Cores	1	56%
RFP0000Z-3	Disks	76 IOPS	

This report gives information about SQL Server components and databases in order to estimate cost of a migration to new versions of SQL Server.

### Components - Microsoft SQL Server 2005

- SQL Server Database engine
- SQL Server Integration Services
- SQL Server Analysis Services
- SQL Server Reporting Services

Database Engine  
Database count: 2

Analysis Services  
Cube count: 1

Reporting Services  
Report count: 79

\* default databases are ignored (master, model, tempdb, msdb, reportserver)

### Databases

Instance	Database	Table	View	SP	Func	Size	Batch requests	Trans. /s	SQL Server 2012	SQL Server 2014	SQL Server 2016
SQL EXPRESS	SQL0020H	11	3	0	0	156MB	30424	10640	Compliant	Compliant	N/A
SQL EXPRESS	SQL7900D	70	17	9	11	179MB	30424	10672	Compliant	Compliant	N/A

N/A: Information not available. If you want to collect it, please run SQLServerConnector and analyze RFP0000Z-3. (Admin credentials of the database are required)

Compliant, Warning, Error

\* "Compliant" means SQL Upgrade Advisor doesn't detect any issues in database schema. Application testing is required to validate the compliancy.

### Reports


Instance	Report	Description	Subscriber	Last execution
SQL EXPRESS	Report0001	Number of sales per month (SG01)	24	01/02/2016
SQL EXPRESS	Report0002	Number of sales per month (SG02)	12	02/02/2016
SQL EXPRESS	Report0003	Number of sales per month (SG03)	48	12/12/2015



SQL Server Cold data

List of databases

- Cold data size
- List of table with cold data
- Distribution of cold data per SQL versions



Cold data

Server	Core	SQL Server Version	Instance	Database	Total Size	Cold Table Count	Total Table Count	Cold Table Size
RITSLABD00121	2	SQL Server 2008R2	MSSQLSERVER	Timegate	1033000	0	5	0
RITSLABD00123	1	SQL Server 2008R3	MSSQLSERVER	FP_Prist_M32	3057	0	12	0
RITSLABD01001A	4	SQL Server 2008R4	BKUPEXC	BDOB	15340	2	23	10200
RITSLABD01002	4	SQL Server 2014	DEV2014	PQ4	2054	0	45	0
RITSLABD01002A	40	SQL Server 2012	LIVECLONE	AZ1	127890	87	189	11066
RITSLABD01002B	4	SQL Server 2012	MSSQLSERVER	DB1	7890	16	46	1259
RITSLABD01004	4	SQL Server 2012	MSSQLSERVER	DB2	22344	73	280	2017
RITSLABD01006	4	SQL Server 2012	MSSQLSERVER	DB3	56200	10	191	3303
RITSLABD01101	4	SQL Server 2012	MSSQLSERVER	DB4	24678	15	285	1860
RITSLABD01101	8	SQL Server 2012	MSSQLSERVER	DB5	1208	12	119	40
RITSLABD01101A	4	SQL Server 2012	MSSQLSERVER	DB6	560	2	81	60
RITSLABD01101B	6	SQL Server 2012	MSSQLSERVER	DB7	300	9	42	15
RITSLABD01102A	4	SQL Server 2005	MSSQLSERVER	DB8	120	4	72	10
RITSLABD01102B	2	SQL Server 2005	MSSQLSERVER	DB9	1079	20	239	25
RITSLABD06001	4	SQL Server 2005	MSSQLSERVER	DB10	10785	11	180	1005
RITSLABD00101	4	SQL Server 2008R2	INSTANCE 1	Evolution_Train	907765	0	13	0
RITSLABI00101	4	SQL Server 2008R2	INSTANCE 2	Reach_Train	56709	29	246	4385
RITSLABI00102	2	SQL Server 2008R2	INSTANCE 3	Connect_Train	1200	4	84	16
RITSLABI00103	8	SQL Server 2008R2	INSTANCE 4	Reach_Dev	128	1	174	5
RITSLABI00104	2	SQL Server 2008R2	MSSQLSERVER	eqcasio1	1658	1	21	240
RITSLABI00105	40	SQL Server 2008R2	MSSQLSERVER	eqcasio2	1978	25	106	113
RITSLABI00106	4	SQL Server 2012	MSSQLSERVER	eqcasio3	10654	0	7	0
RITSLABI00107	4	SQL Server 2012	MSSQLSERVER	eqcasio4	975	19	199	134
RITSLABI00108	8	SQL Server 2012	MSSQLSERVER	eqcasio5	764	33	266	60
RITSLABI00110	4	SQL Server 2012	MSSQLSERVER	eqcasio6	456	12	87	50
RITSLABLD00102	6	SQL Server 2012	DBBK01	backup1	120	0	115	0
RITSLABLD00103	4	SQL Server 2012	DBBK02	backup2	189	21	134	76
RITSLABLD00104	2	SQL Server 2012	DBBK03	backup3	346	3	78	130
Total					2291447			36069



Report summary

- Get migration paths to on-premises servers for each component
- Get migration paths to Microsoft Azure (Virtual Machines or Azure services) for each component



**Vectus App**  
8/28/2017 9:46 AM

This report gives the structure of the application and possible migration paths for each component (green if the path is eligible, amber if there are some conditions and red if the path is not eligible). In case of non-eligible path, refer to appendix to see causes.

ServersProdLAB-0AD80D65, LAB-030D0976, LAB-0AF9C788

ArchitecturePhysicalVirtualRehost as isRehost upgradeReplaceUnknown

Windows Server 2008R2		
Components	Windows Server 2012R2	Windows Server 2016
Hardware	Upgrade	Upgrade
.NET Framework 4.5	.NET Framework 4.5	.NET Framework 4.5
IS 7.5	IS 8.5 (Upgrade & Test)	IS 10.0 (Upgrade & Test)
Microsoft SQL Server 2008R2 SP2	Microsoft SQL Server 2008R2 SP2	Microsoft SQL Server 2016 SP1 (Upgrade & Test)
Microsoft Visual Studio 2010	Microsoft Visual Studio 2015 (Upgrade & Test)	Microsoft Visual Studio 2015 (Upgrade & Test)
MSXML 4.0 SP2	MSXML 4.0 SP2	Unknown
Vectus for .NET 1.2	Unknown	Unknown



**Vectus App**  
8/28/2017 9:46 AM

This report gives the structure of the application and possible migration paths for each component (green if the path is eligible, amber if there are some conditions and red if the path is not eligible). In case of non-eligible path, refer to appendix to see causes.

ServersProdLAB-0AD80D65, LAB-030D0976, LAB-0AF9C788

ArchitecturePhysicalVirtual

Windows Server 2008R2		
Components	Azure Virtual Machine	Azure Service
.NET Framework 4.5	A4 - D5 - G4	No service
IS 7.5	A4 - D11 - G1	Azure Web Apps (S2 / P4)
Microsoft SQL Server 2008R2 SP2	D5 - G4	Azure SQL Service (SQL Service)
Microsoft Visual Studio 2010	A2 - D2 - G1	No service
MSXML 4.0 SP2	A4 - D11 - G1	No service
Vectus for .NET 1.2	A4 - D11 - G1	No service



**Vectus App - Appendix**

Detail of components detected on servers

Components	LAB-0AD80D65	LAB-030D0976	LAB-0AF9C788
IS 7.5			
Microsoft SQL Server 2008R2 SP2			
Microsoft Visual Studio 2010			
MSXML 4.0 SP2			
.NET Framework 4.5			
Vectus for .NET 1.2			

## Batch report

### Report summary

- Overview of migration progress for a batch



### Batch report - 3 server(s)

4/ 2/2015 2:46 PM

This report details the list of servers to migrate together to minimize interruption of service.

Batch are computed automatically, each server sharing a same application has to migrate together. Automatic batch starts with #, else it's a batch set manually.

Each batch has a status. If all servers are migrated, the status is "Completed". If all servers are planned (or completed), the status is planned.

If all servers are only discovered, the batch status is "Discovered", in all others cases status is "Analysis in progress".

Status

Discovered

Analysis in progress

Planned

Completed

#### Batch 'Business App' - from 2015/03/31 to 2015/05/04



SRV-00A1T3.bluesky.microsoft.com - from 2015/04/22 to 2015/04/22

##### Detected component

IIS (APP4)  
SQL Server 2005 (APP4)  
SQL Server 2008 (APP4)  
.NET Framework 2.0 (APP4)  
.NET Framework 2.0SP2 (APP4)  
Visual C++ 2005 Runtime (x86) (APP4)  
MSXML 6.0 (APP4)  
Microsoft Dynamics AX 4.0 (APP4)

##### Selected target

> Azure Web site/Basic L  
> Undefined  
> Undefined  
> Undefined  
> Undefined  
> Undefined  
> Undefined  
> Undefined

##### Status



SRV-1201.WORKGROUP

##### Detected component

.NET Framework 2.0 (Business Application)

##### Selected target

> Undefined

##### Status



SRV-9A76.ritstestfco.local - from 2015/03/31 to 2015/05/04

##### Detected component

IIS (Business Application)  
SQL Server 2005 (Business Application)  
SQL Server 2008 (Business Application)  
.NET Framework 2.0 (Business Application)  
MSXML 6.0 (Business Application)  
Sharepoint Server 2007 (Business Application)

##### Selected target

> Azure VM/Basic A1  
> Azure VM/Basic A2  
> Azure VM/Basic A2  
> Azure VM/Basic A1  
> Azure VM/Basic A1  
> Undefined

##### Status



Migration progress overview

Report summary

- Overview for migration progress for selected servers



Migration progress - 3 server(s) / 0 excluded server(s)

4/ 2/2015 2:53 PM

This report divides scanned servers in 4 types:

- ☐ Servers with no application/component detected
- ☐ Servers with application/component detected but without information about the migration (Discovered)
- ☒ Servers with information about the migration (In Progress)
- ☐ Servers with all components migrated (Completed)

"Generic workload" application is ignored in this report.

Discovered: 1 (33,33%)



DEMO Insight Server & Apps

Server name

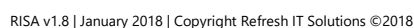
SRV-1201 - 8 component(s) detected

In progress: 2 (66,67%)

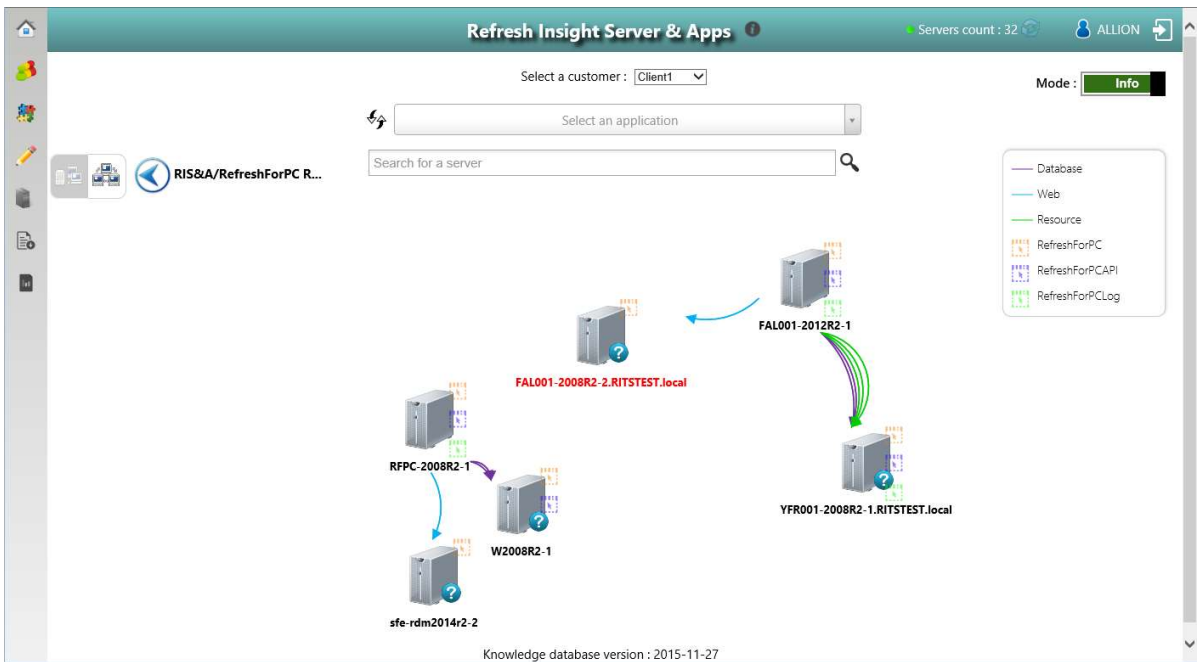


DEMO Insight Server & Apps

Server name	Batch	Start date	End date
SRV-00A1T3 - 34 component(s) detected	Business App	2015/04/22	2015/04/22
SRV-9A76 - 28 component(s) detected	Business App	2015/03/31	2015/05/04



Server dependencies for Web Applications



Product/Version Management

Refresh Insight Server & Apps						
Servers count : 32						
ALLION						
Products/Versions						
Number of products/versions : 127						
	Product	Version	Component	Vendor	Type	
	SQL Server					
	Arca2000 per Microsoft SQL Server		Noise	ARTEL SOFTWARE HOUSE	Information and Data Management	
	EMS SQL Manager for SQL Server		Noise		Development Tools	
	GoldenGate for SQL Server	2005	Noise	GoldenGate Software Inc	Information and Data Management	
	Hotfix 1007 for SQL Server	2000 ENU (KB892059) 1	Noise	Microsoft Corporation		
	Hotfix 2040 for SQL Server	2000 ENU (KB899761)	Noise	Microsoft Corporation		
	MRC SQL Server Backup Manager		Noise	FlexMRC System Limited	Information and Data Management	
	Microsoft ODBC Driver for SQL Server	12.0	Microsoft ODBC Driver for SQL Server 12.	Microsoft Corporation	Information Access and Delivery	
	Microsoft ODBC Driver for SQL Server	11.0	Microsoft ODBC Driver for SQL Server 11.	Microsoft Corporation	Information Access and Delivery	
	Microsoft SQL Server	7.0	Microsoft SQL Server 7.0	Microsoft Corporation	Information and Data Management	
	Microsoft SQL Server	2000 RTM	Microsoft SQL Server 2000 RTM	Microsoft Corporation	Information and Data Management	
	Microsoft SQL Server	2000 SP1	Microsoft SQL Server 2000 SP1	Microsoft Corporation	Information and Data Management	
	Microsoft SQL Server	2000 SP2	Microsoft SQL Server 2000 SP2	Microsoft Corporation	Information and Data Management	
	Microsoft SQL Server	2000 SP3	Microsoft SQL Server 2000 SP3	Microsoft Corporation	Information and Data Management	
	Microsoft SQL Server	2000 SP4	Microsoft SQL Server 2000 SP4	Microsoft Corporation	Information and Data Management	

Set compliancy

Updating the product/version

DetailsVersionsCompliances

Component

Microsoft SQL Server 7.0

Windows Server 2008R2 (x64)

Microsoft SQL Server 2014 SP2

Windows Server 2012R2 (x64)

Microsoft SQL Server 2016 SP1

Windows Server 2016

Microsoft SQL Server 2016 SP1

ChangeCancel