eBriefing 4.1 for SharePoint 2013

1 COMPONENTS

eBriefing Core	SharePoint Farm Feature
eBriefing Library	SharePoint Web Feature
eBriefing Publisher	Windows Service
eBriefing Database	Database for storing eBriefing data

1.1 EBRIEFING CORE

Responsible for keeping track of settings and all of the activated eBriefing libraries.

1.2 EBRIEFING LIBRARY

Feature which can be activated on any SharePoint site. This adds the "eBriefing Library" link in the "Site Actions" for that site.

1.3 EBRIEFING PUBLISHER

This is a Windows service which can be installed on 1 or more servers. Each server for which the Publisher is installed in has a configurable number of threads which perform the publishing operation on books. Each thread can publish books one at a time, for a total number of concurrent books publishing equal to the number of threads across all servers the Publisher is installed on.

1.4 EBRIEFING DATABASE

Custom SQL Server database for storing data related to eBriefing. This database is completely unrelated to all existing SharePoint databases. The database can either be hosted on the same server as the SharePoint databases or a separate server.

2 MINIMUM REQUIREMENTS

- SharePoint Server 2013 or above (with a minimum of 16GB RAM)
- SQL Server 2008 R2 or above (with a minimum of 16GB RAM)

3 PREREQUISITES

4 INSTALLATION INSTRUCTIONS

Extract the solution to

```
C:\eBriefing
```

4.1 DATABASE CONFIGURATION

First you need to provision a new SQL database. Once provisioned, you should execute the eBriefing database creation script found at

```
C:\eBriefing\Database\Create-eBriefingDB.sql
```

This script requires slight modification. See _README.txt for further details.

Now you need to grant the **eBriefing Publisher Service Account** and any SharePoint Web Application Service Accounts of Web Applications which will be hosting an eBriefing Library the following permissions on the newly created eBriefing Database

```
db_datareader
db_datawriter eb_service
```

You will need to determine the connection string. The connection string will be formatted as

```
Data Source=____; Initial Catalog=____; Integrated Security=True;
Enlist=False; Connect Timeout=15
```

where data source is the hostname or IP of the database server and initial catalog is the name of the eBriefing database.

4.2 PUBLISHER INSTALLATION

On at least one server, or more if required, extract the solution to

```
C:\eBriefing
```

This can be the same server as the SharePoint installation. To install the service, right click

```
C:\eBriefing\service.install.bat
```

and "Run as Administrator". Once that is complete, view the system services and find **eBriefing Service**, and right-click select Properties. Set the startup to Automatic and change the logon account to use the **eBriefing Publisher Service Account**.

Run the service configuration program to set configure the settings for publisher.

```
C:\eBriefing\eBriefing.ServiceConfig.exe
```

Add the ***eBriefing Database*** connection string and select the number of threads you want to use for publishing. Save those settings and then start the service.

4.3 SHAREPOINT CONFIGURATION

Using SharePoint Management Shell, add and install the eBriefing solution.

```
Add-SPSolution -LiteralPath C:\eBriefing\eBriefing.wsp

        Install-SPSolution -Identity ebriefing.wsp –GACDeployment
```

Important:

In Central Administration, navigate to *[General Application Setting > eBriefing Settings]* and

- set the connecting string, as determined in 4.1, to the ***eBriefing Database***,
- set the storage and API settings to **gdrive:,** (make sure to include colon and comma).

Go to the site features setting [Site Settings > Manage site features] and make sure that the eBriefing feature is activated.