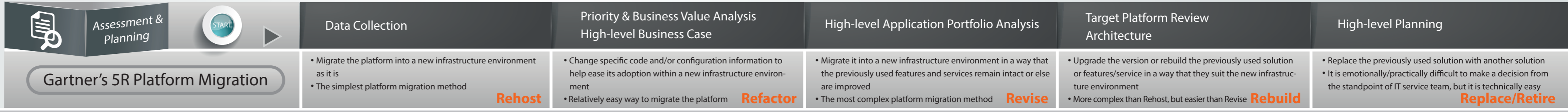


Categorize platforms through discovery, planning & assessment for migration by role; choose one from the 5R (Rehost, Refactor, Revise, Rebuild/Replace/Retire) platform methods defined by Gartner and establish an adequate migration plan accordingly.



## Gartner's 5R Platform Migration

• Migrate the platform into a new infrastructure environment as it is  
• The simplest platform migration method  
**Rehost**

• Change specific code and/or configuration information to help ease its adoption within a new infrastructure environment  
• Relatively easy way to migrate the platform  
**Refactor**

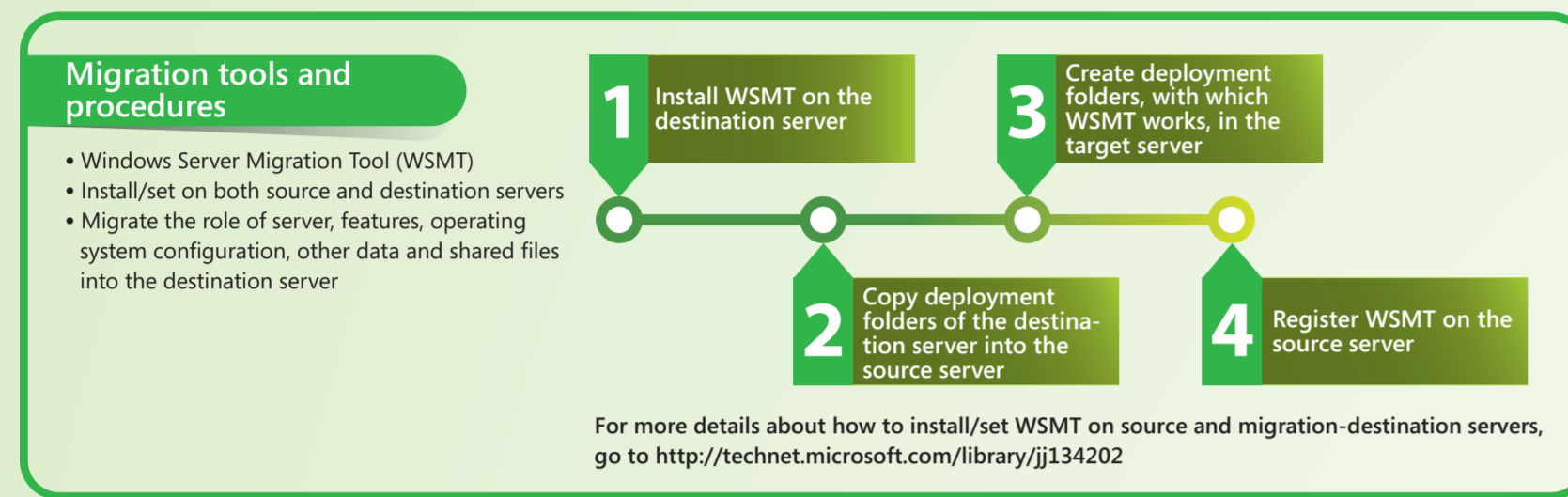
• Migrate it into a new infrastructure environment in a way that the previously used features and services remain intact or else are improved  
• The most complex platform migration method  
**Revise**

• Upgrade the version or rebuild the previously used solution or features/service in a way that they suit the new infrastructure environment  
• More complex than Rehost, but easier than Revise  
**Rebuild**

• Replace the previously used solution with another solution  
• It is emotionally/practically difficult to make a decision from the standpoint of IT service team, but it is technically easy  
**Replace/Retire**

## Migration method 1 – Make use of the default roles and features provided by the OS

You can practice this migration method by referring to the technical documentation in the TechNet Library officially provided by Microsoft or by working in collaboration with the Microsoft Services team and/or your partners, and also apply this to the migration of both the physical and virtual servers.



← **Make use of the roles and features provided by the OS by default**

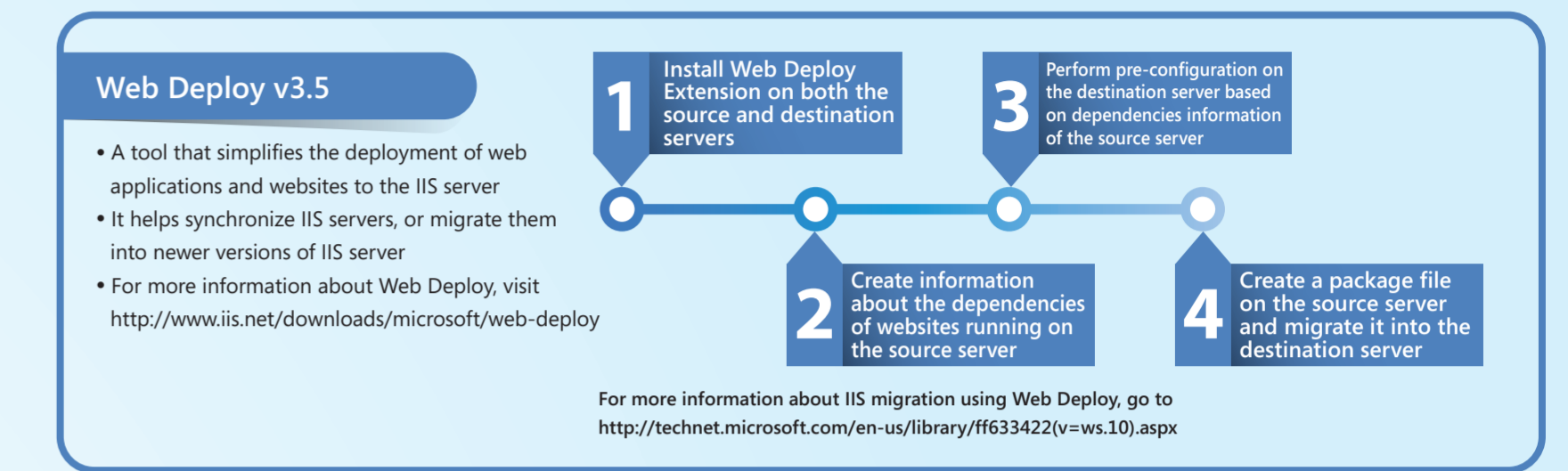
With Rehost, Refactor, Replace/Retire among Gartner's 5R Platform Migration methods taken into account

**Use as a web application server** →

With Refactor, Revise Replace/Retire among Gartner's 5R Platform Migration methods taken into account

## Migration method 2 – Use as web application server

Microsoft offers Web Deploy, which helps migrate ASPNET and PHP applications developed/deployed in IIS 6.0 provided by Windows Server 2003 into IIS version 7.0 or later, and you can use Web Deploy to first migrate into a new destination server and then change the application-specific code or configuration values in the new infrastructure environment.

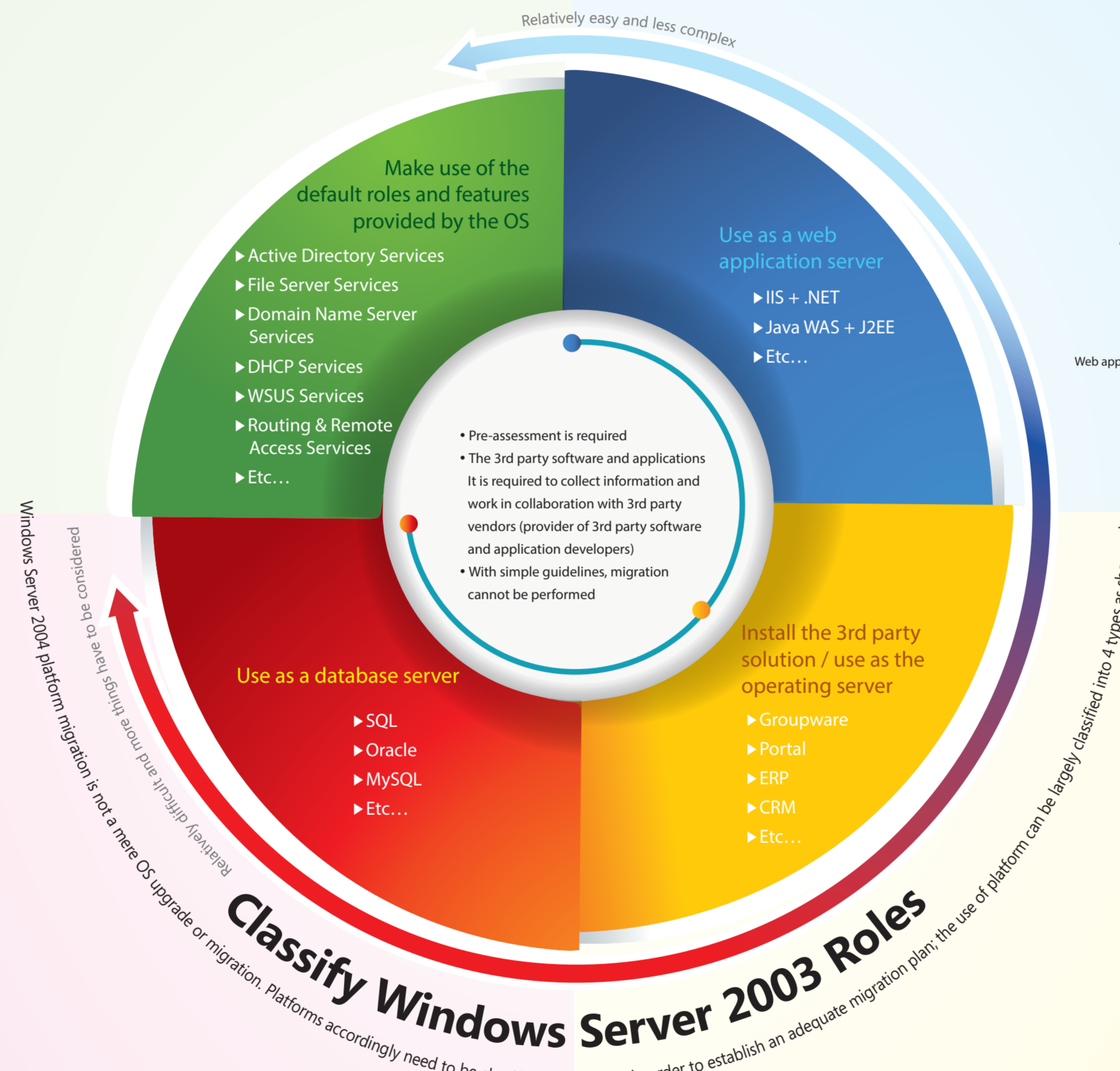


**Next Step (Case by Case)**

- A referential guideline is provided for typical migration scenarios among default roles and features of Windows Server 2003
- It is recommended that you first carry out assessment before migration because a number of things need to be considered in the actual operating environment

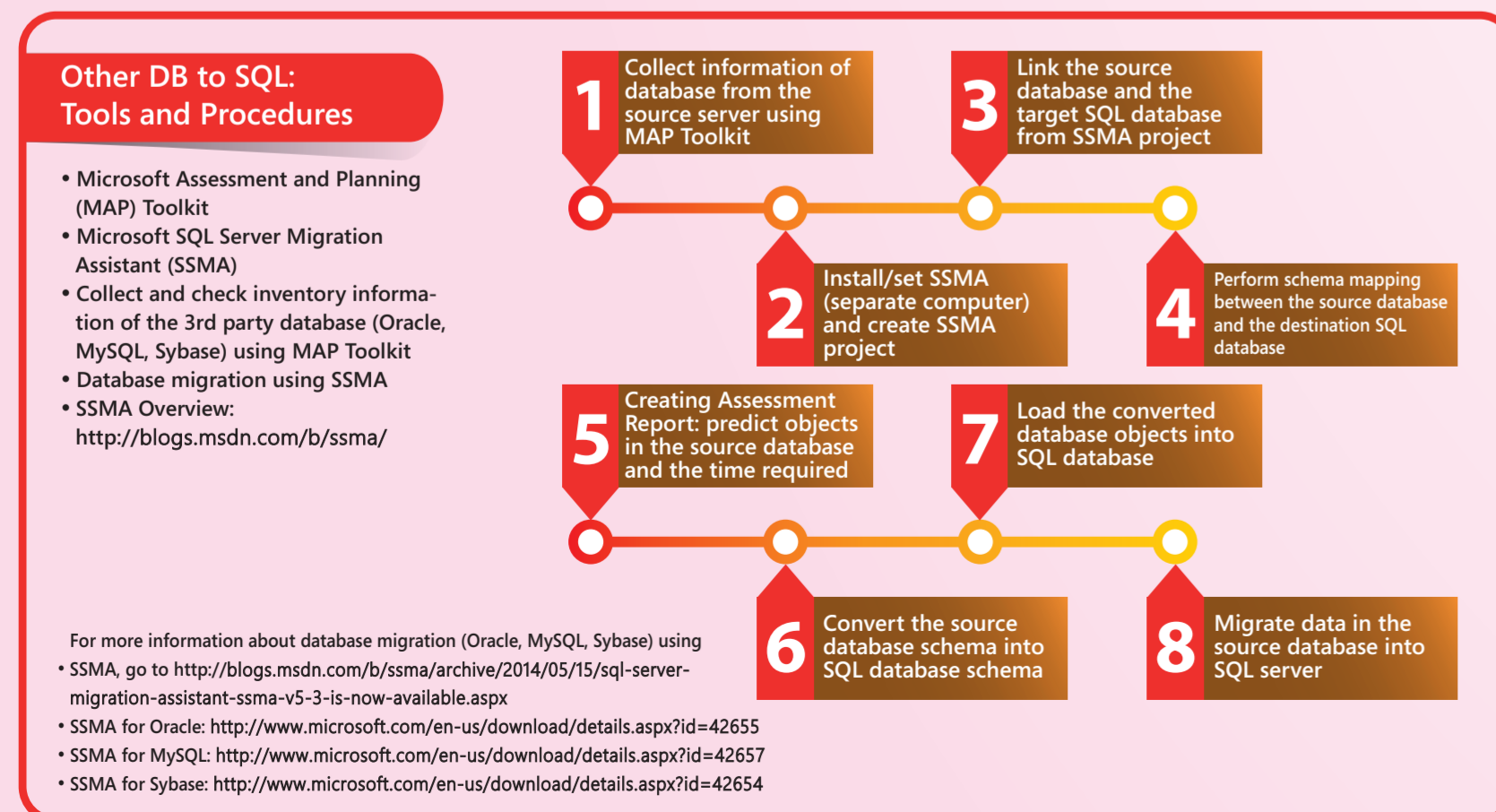
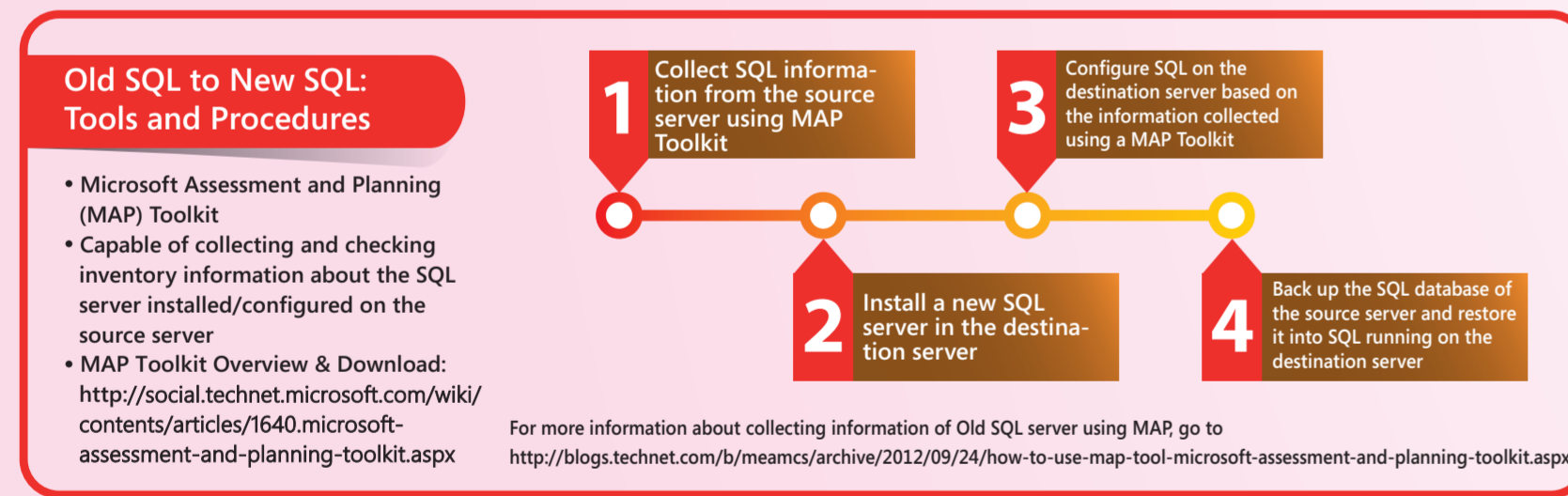
<b>Active Directory Domain Services &amp; DNS</b>	Referential guideline: <a href="http://technet.microsoft.com/library/dd379558.aspx">http://technet.microsoft.com/library/dd379558.aspx</a>	<b>Active Directory Certificate Services</b>	Referential guideline: <a href="http://technet.microsoft.com/library/ee126170(ws.10).aspx">http://technet.microsoft.com/library/ee126170(ws.10).aspx</a>
<b>DHCP Services</b>	Referential guideline: <a href="http://technet.microsoft.com/library/dd379535.aspx">http://technet.microsoft.com/library/dd379535.aspx</a>	<b>File Services</b>	Referential guideline: <a href="http://technet.microsoft.com/library/dd379487.aspx">http://technet.microsoft.com/library/dd379487.aspx</a>
<b>Windows Server Update Services</b>	Referential guideline: <a href="http://technet.microsoft.com/library/hh852339.aspx">http://technet.microsoft.com/library/hh852339.aspx</a>	<b>Local Users and Group</b>	Referential guideline: <a href="http://technet.microsoft.com/library/dd379531.aspx">http://technet.microsoft.com/library/dd379531.aspx</a>

Windows Server Migration Information: <http://technet.microsoft.com/library/jj134039>  
<http://technet.microsoft.com/library/dd365353.aspx>



## Migration method 4 – Use as database server

You can refer to the technical documentation in the TechNet Library officially provided by Microsoft or work in collaboration with Microsoft Services team and/or your partners to migrate the database into a newer version or re-configure it while migrating the OS environment.

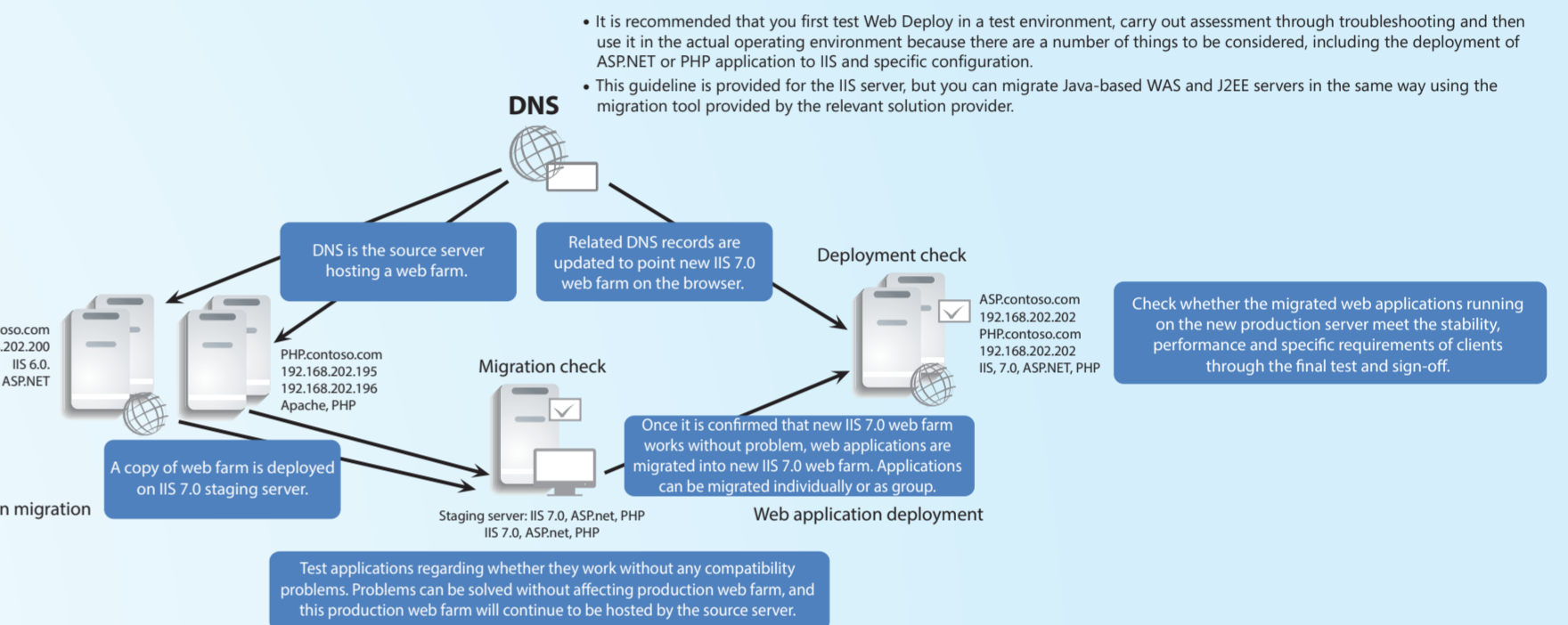


← **Use as a database server** →

With Refactor, Revise, Rebuild and Replace/Retire among Gartner's 5R Platform Migration methods into account

**Install the 3rd party solution / use as the operating server** →

With Revise, Rebuild and Replace/Retire among Gartner's 5R Platform Migration methods taken into account



## Migration method 3 – Install the 3rd party solution / use as the operating server

When it comes down to migrating Windows Server 2003 hosting 3rd party solutions (and applications), there are many more things to be considered concerning the migration of those solutions (applications) to a new infrastructure environment, rather than the migration of the OS itself, and moreover the procedure and methodology take on added significance. Microsoft recommends performing migration in 9 steps as shown below. (It is difficult to propose guidelines in broad generalities because a number of things must be considered depending on the 3rd party solutions - and applications - installed.)

The following figure shows a detailed examination of the step-by-step activities proposed by Microsoft for the migration of Windows Server 2003 on which the 3rd party solutions (and applications) are installed: (It is recommended to follow each step and activity involved, but some steps could be skipped depending on the size of the 3rd party solutions - and applications - or staffing of the client.)

