

Summary

The following is a list of the updates that Sensus has tested and approved to operate with our software running on Microsoft Windows Server.

Microsoft Windows Server 2012

Date	Title	Description	RNI Version
08/12/2014	Security Update for Microsoft .NET Framework 3.5 on Windows 8.1 and Windows Server 2012 R2 for x64-based Systems (KB2966826)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
09/09/2014	Security Update for Microsoft .NET Framework 3.5 on Windows 8.1 and Windows Server 2012 R2 for x64-based Systems (KB2894852)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
10/07/2014	Security Update for Microsoft .NET Framework 3.5 on Windows 8.1 and Windows Server 2012 R2 for x64-based Systems (KB2966828)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5

10/14/2014	Security Update for Microsoft .NET Framework 3.5 on Windows 8.1 and Windows Server 2012 R2 for x64-based Systems (KB2968296)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
10/14/2014	Security Update for Microsoft .NET Framework 3.5 on Windows 8.1 and Windows Server 2012 R2 for x64-based Systems (KB2972103)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
12/09/2014	Update for Windows Server 2012 R2 (KB3013816)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
12/09/2014	Update for Windows Server 2012 R2 (KB2989930)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
01/13/2015	Security Update for Windows Server 2012	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the	v4.1,v4.2,v4.3,v4.4,v4.5

	R2 (KB3023266)	issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	
01/13/2015	Security Update for Windows Server 2012 R2 (KB3019978)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
02/10/2015	Security Update for Windows Server 2012 R2 (KB3000483)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
03/10/2015	Update for Windows Server 2012 R2 (KB3012702)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
03/10/2015	Update for Windows Server 2012 R2 (KB3013172)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
03/10/2015	Update for Windows Server 2012 R2 (KB3024751)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5

03/10/2015	Update for Windows Server 2012 R2 (KB3024755)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
03/10/2015	Update for Windows Server 2012 R2 (KB3027209)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
03/10/2015	Update for Windows Server 2012 R2 (KB3030947)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
03/10/2015	Update for Windows Server 2012 R2 (KB3036612)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
04/14/2015	Update for Windows Server 2012 R2 (KB3042085)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
04/14/2015	Update for Windows Server 2012 R2 (KB3013769)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
04/14/2015	Security Update for	A security issue has been identified in a Microsoft software product that could	v4.1,v4.2,v4.3,v4.4,v4.5

	Windows Server 2012 R2 (KB3045999)	affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	
04/14/2015	Security Update for Windows Server 2012 R2 (KB3045685)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
04/14/2015	Security Update for Microsoft .NET Framework 3.5 on Windows 8.1 and Windows Server 2012 R2 for x64-based Systems (KB3037576)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
05/12/2015	Update for Windows Server 2012 R2 (KB3043812)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
05/12/2015	Update for Windows Server 2012 R2 (KB3044673)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5

05/12/2015	Update for Windows Server 2012 R2 (KB3054169)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
05/12/2015	Update for Windows Server 2012 R2 (KB3045717)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
05/12/2015	Update for Windows Server 2012 R2 (KB3033446)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
05/12/2015	Update for Windows Server 2012 R2 (KB3038002)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
05/12/2015	Update for Windows Server 2012 R2 (KB3045719)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
05/12/2015	Update for Windows Server 2012 R2 (KB3046737)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
05/12/2015	Update for Windows	Install this update to resolve issues in Windows. For a complete listing of the	v4.1,v4.2,v4.3,v4.4,v4.5

	Server 2012 R2 (KB3013538)	issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	
05/12/2015	Security Update for Microsoft .NET Framework 3.5 on Windows 8.1 and Windows Server 2012 R2 for x64-based Systems (KB3023219)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
06/09/2015	Update for Windows Server 2012 R2 (KB3055323)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
06/09/2015	Update for Windows Server 2012 R2 (KB3054464)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
06/09/2015	Update for Windows Server 2012 R2 (KB3045634)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
07/14/2015	Update for Windows Server 2012 R2 (KB3013791)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you	v4.1,v4.2,v4.3,v4.4,v4.5

		install this item, you may have to restart your computer.	
07/14/2015	Update for Windows Server 2012 R2 (KB3060793)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
07/14/2015	Update for Windows Server 2012 R2 (KB3063843)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
07/14/2015	Update for Windows Server 2012 R2 (KB3054256)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
07/14/2015	Update for Windows Server 2012 R2 (KB3054203)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
07/14/2015	Update for Windows Server 2012 R2 (KB3060681)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
07/14/2015	Security Update for SQL Server 2012 Service Pack 2 (KB3045321)	A security issue has been identified in the SQL Server 2012 Service Pack 2 that could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After	v4.1,v4.2,v4.3,v4.4,v4.5

		you install this item, you may have to restart your computer.	
07/14/2015	Security Update for Windows Server 2012 R2 (KB3061512)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
08/11/2015	Security Update for Microsoft .NET Framework 3.5 on Windows 8.1 and Windows Server 2012 R2 for x64-based Systems (KB3072307)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
08/11/2015	Update for Windows Server 2012 R2 (KB3044374)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
08/11/2015	Security Update for Windows Server 2012 R2 (KB3046017)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
08/11/2015	Security Update for Windows Server 2012	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from	v4.1,v4.2,v4.3,v4.4,v4.5

	R2 (KB3071756)	Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	
09/08/2015	Security Update for Windows Server 2012 R2 (KB3082089)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
09/08/2015	Security Update for Microsoft .NET Framework 3.5 on Windows 8.1 and Windows Server 2012 R2 for x64-based Systems (KB3074545)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
09/08/2015	Update for Windows Server 2012 R2 (KB3077715)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
09/08/2015	Security Update for Windows Server 2012 R2 (KB3086255)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5

10/13/2015	Security Update for Windows Server 2012 R2 (KB3042058)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
10/13/2015	Update for Windows Server 2012 R2 (KB3084905)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
10/13/2015	Update for Windows Server 2012 R2 (KB3087137)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
11/10/2015	Update for Windows Server 2012 R2 (KB3094486)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
11/10/2015	Update for Windows Server 2012 R2 (KB3091297)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
11/10/2015	Update for Windows Server 2012 R2 (KB3078405)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5

11/10/2015	Security Update for Windows Server 2012 R2 (KB3102939)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
11/10/2015	Security Update for Microsoft .NET Framework 3.5 on Windows 8.1 and Windows Server 2012 R2 for x64-based Systems (KB3097992)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
12/08/2015	Security Update for Windows Server 2012 R2 (KB3109103)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
12/08/2015	Update for Windows Server 2012 R2 (KB3099834)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
01/12/2016	Security Update for Windows Server 2012 R2 (KB3110329)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base	v4.1,v4.2,v4.3,v4.4,v4.5

		article. After you install this update, you may have to restart your system.	
01/19/2016	Update for Windows Server 2012 R2 (KB3102429)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
02/09/2016	Security Update for Windows Server 2012 R2 (KB3126593)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
02/09/2016	Security Update for Microsoft .NET Framework 3.5 on Windows 8.1 and Windows Server 2012 R2 for x64 (KB3127222)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
02/09/2016	Security Update for Windows Server 2012 R2 (KB3126434)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
02/09/2016	Security Update for Windows Server 2012 R2 (KB3126587)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see	v4.1,v4.2,v4.3,v4.4,v4.5

		the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	
02/09/2016	Update for Windows Server 2012 R2 (KB3132080)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
03/08/2016	Security Update for Windows Server 2012 R2 (KB3139398)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
03/08/2016	Security Update for Windows Server 2012 R2 (KB3139914)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
03/08/2016	Update for Windows Server 2012 R2 (KB3134815)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
04/12/2016	Update for Windows Server 2012 R2 (KB3147071)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
04/12/2016	Update for Windows	Install this update to resolve issues in Windows. For a complete listing of the	v4.1,v4.2,v4.3,v4.4,v4.5

	Server 2012 R2 (KB3137728)	issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	
04/12/2016	Update for Windows Server 2012 R2 (KB3139164)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
04/12/2016	Update for Windows Server 2012 R2 (KB3140219)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
04/12/2016	Update for Windows Server 2012 R2 (KB3115224)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
04/12/2016	Update for Windows Server 2012 R2 (KB3133690)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
04/12/2016	Update for Windows Server 2012 R2 (KB3140234)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
04/12/2016	Update for Windows Server 2012	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base	v4.1,v4.2,v4.3,v4.4,v4.5

	R2 (KB3100473)	article for more information. After you install this item, you may have to restart your computer.	
04/12/2016	Update for Windows Server 2012 R2 (KB3123245)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
05/10/2016	Update for Windows Server 2012 R2 (KB3146604)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
05/10/2016	Update for Windows Server 2012 R2 (KB3103616)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
05/10/2016	Update for Windows Server 2012 R2 (KB3146751)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
05/10/2016	Update for Windows Server 2012 R2 (KB3103709)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
05/10/2016	Update for Windows Server 2012 R2 (KB3134179)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you	v4.1,v4.2,v4.3,v4.4,v4.5

		install this item, you may have to restart your computer.	
05/10/2016	Security Update for Windows Server 2012 R2 (KB3156059)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
05/10/2016	Security Update for Windows Server 2012 R2 (KB3155784)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
06/14/2016	Security Update for Windows Server 2012 R2 (KB3159398)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
06/14/2016	Security Update for Windows Server 2012 R2 (KB3161949)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
08/09/2016	Update for Windows Server 2012 R2 (KB3172614)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you	v4.1,v4.2,v4.3,v4.4,v4.5

		install this item, you may have to restart your computer.	
09/13/2016	Security Update for Windows Server 2012 R2 (KB3175024)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
09/13/2016	Security Update for Windows Server 2012 R2 (KB3178539)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
09/13/2016	Update for Windows Server 2012 R2 (KB3179574)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
12/13/2016	October, 2016 Security Only Quality Update for Windows Server 2012 R2 (KB3192392)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
12/13/2016	November, 2016 Security Only Quality Update for Windows Server 2012 R2 (KB3197873)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base	v4.1,v4.2,v4.3,v4.4,v4.5

		article. After you install this update, you may have to restart your system.	
12/13/2016	December, 2016 Security Only Quality Update for Windows Server 2012 R2 (KB3205400)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
03/28/2017	March, 2017 Security Only Quality Update for Windows Server 2012 R2 (KB4012213)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
04/11/2017	April, 2017 Security Only Update for .NET Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2 on Windows 8.1 and Windows Server 2012 R2 for x64 (KB4014987)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
04/11/2017	April, 2017 Security Only Quality Update for Windows Server 2012 R2 (KB4015547)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
05/09/2017	2017-05 Security Only	A security issue has been identified in a Microsoft software product that could	v4.1,v4.2,v4.3,v4.4,v4.5

	Quality Update for Windows Server 2012 R2 for x64-based Systems (KB4019213)	affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	
05/30/2017	May, 2017 Security Only Update for .NET Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2 on Windows 8.1 and Windows Server 2012 R2 for x64 (KB4019111)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
06/13/2017	2017-06 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB4022717)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
07/11/2017	2017-07 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB4025333)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
08/08/2017	2017-08 Security Only Quality Update for	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from	v4.1,v4.2,v4.3,v4.4,v4.5

	Windows Server 2012 R2 for x64-based Systems (KB4034672)	Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	
08/08/2017	Update for Windows Server 2012 R2 (KB4033428)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
09/12/2017	2017-09 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB4038793)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
09/12/2017	2017-09 Security Only Update for .NET Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7 on Windows 8.1 and Server 2012 R2 for x64 (KB4041092)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
10/10/2017	2017-10 Security Only Quality Update for Windows Server 2012 R2 for x64-based	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5

	Systems (KB4041687)		
11/14/2017	2017-11 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB4048961)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
12/12/2017	2017-12 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB4054522)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
01/05/2018	2018-01 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB4056898)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
01/09/2018	2018-01 Security Only Update for .NET Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1 on Windows 8.1 and Server 2012 R2 for	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5

	x64 (KB4055271)		
01/09/2018	Microsoft .NET Framework 4.5.2 for Windows 8.1 and Windows Server 2012 R2 for x64-based Systems (KB2934520)	The Microsoft .NET Framework 4.5.2 is a highly compatible, in-place update to the .NET Framework 4, 4.5 and 4.5.1. By using the .NET Framework 4.5.2 together with the C# or Visual Basic programming languages, you can write Windows Store apps. The .NET Framework 4.5.2 delivers better performance, reliability, and security than previous versions. After you install this update, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
01/09/2018	Microsoft .NET Framework 4.6.1 for Windows Server 2012 R2 for x64 (KB3102467)	The Microsoft .NET Framework 4.6.1 is a highly compatible, in-place update to the .NET Framework 4.6. This update will also install on any computer that does not have .NET 4.5.1 or .NET 4.5.2 installed. After you install this update, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
01/09/2018	Microsoft .NET Framework 4.7 for Windows 8.1 and Windows Server 2012 R2 for x64 (KB3186539)	The Microsoft .NET Framework 4.7 is a highly compatible, in-place update for all the previous versions of .NET Framework 4.X. After you install this update, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
01/26/2018	SQL Server 2012 Service Pack 4 (KB4018073)	Service Pack 4 for SQL Server 2012 upgraded all SQL Server 2012 instances and components installed through the SQL Server setup. Service Pack 4 can upgrade all editions of SQL Server 2012 to Service Pack 4 level. For customers in need of additional installation options, please visit the Microsoft Download Center and download the Service Pack 4 SQL Server 2012. To learn more about SQL Server 2012 SP4 please visit the Microsoft Support (http://support.microsoft.com) Knowledge Base article KB 4018073.	v4.1,v4.2,v4.3,v4.4,v4.5

02/13/2018	2018-02 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB4074597)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
02/27/2018	Security Update for SQL Server 2012 Service Pack 3 GDR (KB4057115)	Security issues have been identified in the SQL Server 2012 Service Pack 3 GDR that could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
03/13/2018	2018-03 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB4088879)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
04/24/2018	SQL Server 2016 Service Pack 2 (KB4052908)	Service Pack 2 for SQL Server 2016 upgraded all SQL Server 2016 instances and components installed through the SQL Server setup. Service Pack 2 can upgrade all editions of SQL Server 2016 to Service Pack 2 level. For customers in need of additional installation options, please visit the Microsoft Download Center and download the Service Pack 2 SQL Server 2016. To learn more about SQL Server 2016 SP2 please visit the Microsoft Support (http://support.microsoft.com) Knowledge Base article KB 4052908.	v4.1,v4.2,v4.3,v4.4,v4.5
05/08/2018	2018-05 Security Only Update for .NET	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from	v4.1,v4.2,v4.3,v4.4,v4.5

	Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1 on Windows 8.1 and Server 2012 R2 for x64 (KB4099639)	Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	
06/12/2018	2018-06 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB4284878)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
07/10/2018	2018-07 Security Only Update for .NET Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2 for Windows 8.1 and Server 2012 R2 for x64 (KB4340006)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
07/10/2018	Microsoft .NET Framework 4.7.1 for Windows 8.1 and Windows Server 2012 R2 for x64 (KB4033369)	The Microsoft .NET Framework 4.7.1 is a highly compatible, in-place update for all the previous versions of .NET Framework 4.X. After you install this update, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
10/18/2018	Update for Windows	Install this update to resolve issues in Windows. For a complete listing of the	v4.1,v4.2,v4.3,v4.4,v4.5

	Server 2012 R2 (KB4462901)	issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	
10/30/2018	SQL Server 2014 Service Pack 3 (KB4022619)	Service Pack 3 for SQL Server 2014 upgraded all SQL Server 2014 instances and components installed through the SQL Server setup. Service Pack 3 can upgrade all editions of SQL Server 2014 to Service Pack 3 level. For customers in need of additional installation options, please visit the Microsoft Download Center and download the Service Pack 3 SQL Server 2014. To learn more about SQL Server 2014 SP3 please visit the Microsoft Support (http://support.microsoft.com) Knowledge Base article KB 4022619.	v4.1,v4.2,v4.3,v4.4,v4.5
11/27/2018	Update for Windows Server 2012 R2 (KB4468323)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
02/19/2019	2019-02 Update for Windows Server 2012 R2 for x64-based Systems (KB4486459)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
03/19/2019	2019-03 Update for .NET Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2 for Windows 8.1 and Server 2012	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5

	R2 for x64 (KB4489488)		
03/25/2019	2019-03 Update for Windows Server 2012 R2 for x64-based Systems (KB4490128)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
05/23/2019	2019-05 Update for Windows Server 2012 R2 for x64-based Systems (KB4501226)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
07/09/2019	Security Update for SQL Server 2014 Service Pack 2 CU (KB4505419)	A remote code execution vulnerability exists in Microsoft SQL Server when it incorrectly handles processing of internal functions. An attacker who successfully exploited this vulnerability could execute code in the context of the SQL Server Database Engine service account. To exploit the vulnerability, an authenticated attacker would need to submit a specially crafted query to an affected SQL server. The security update addresses the vulnerability by modifying how the Microsoft SQL Server Database Engine handles the processing of functions.	v4.1,v4.2,v4.3,v4.4,v4.5
07/09/2019	Security Update for SQL Server 2014 Service Pack 3 GDR (KB4505218)	A remote code execution vulnerability exists in Microsoft SQL Server when it incorrectly handles processing of internal functions. An attacker who successfully exploited this vulnerability could execute code in the context of the SQL Server Database Engine service account. To exploit the vulnerability, an authenticated attacker would need to submit a specially crafted query to an affected SQL server. The security update addresses the vulnerability by modifying how the	v4.1,v4.2,v4.3,v4.4,v4.5

		Microsoft SQL Server Database Engine handles the processing of functions.	
07/09/2019	Security Update for SQL Server 2016 Service Pack 1 CU (KB4505221)	A remote code execution vulnerability exists in Microsoft SQL Server when it incorrectly handles processing of internal functions. An attacker who successfully exploited this vulnerability could execute code in the context of the SQL Server Database Engine service account. To exploit the vulnerability, an authenticated attacker would need to submit a specially crafted query to an affected SQL server. The security update addresses the vulnerability by modifying how the Microsoft SQL Server Database Engine handles the processing of functions.	v4.1,v4.2,v4.3,v4.4,v4.5
07/09/2019	2019-07 Security Only Update for .NET Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows 8.1 and Server 2012 R2 for x64 (KB4507413)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
07/16/2019	2019-07 Update for Windows Server 2012 R2 for x64-based Systems (KB4507704)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
07/29/2019	SQL Server 2014 Service Pack 2 Cumulative Update (CU)	CU18 for SQL Server 2014 Service Pack 2 upgraded all SQL Server 2014 Service Pack 2 instances and components installed through the SQL Server setup. CU18 can upgrade all editions and servicing levels of SQL Server 2014 Service Pack 2 to the	v4.1,v4.2,v4.3,v4.4,v4.5

	18 KB4500180	CU18 level. For customers in need of additional installation options, please visit the Microsoft Download Center to download the latest Cumulative Update (https://www.microsoft.com/en-us/download/details.aspx?id=51187). To learn more about SQL Server 2014 Service Pack 2 CU18, please visit the Microsoft Support (http://support.microsoft.com) Knowledge Base article KB4500180.	
08/20/2019	Microsoft .NET Framework 4.7.2 for Windows Server 2012 R2 for x64 (KB4054566)	The Microsoft .NET Framework 4.7.2 is a highly compatible, in-place update for all the previous versions of .NET Framework 4.X. After you install this update, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
09/10/2019	2019-09 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB4516064)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
10/15/2019	2019-10 Update for Windows Server 2012 R2 for x64-based Systems (KB4519108)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
01/14/2020	Microsoft .NET Framework 4.8 for Windows Server 2012 R2 for x64 (KB4486105)	The Microsoft .NET Framework 4.8 is a highly compatible, in-place update for all the previous versions of .NET Framework 4.X. After you install this update, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5

02/11/2020	Security Update for SQL Server 2014 Service Pack 3 GDR (KB4532095)	A remote code execution vulnerability exists in Microsoft SQL Server Reporting Services when it incorrectly handles page requests. An attacker who successfully exploited this vulnerability could execute code in the context of the Report Server service account. To exploit the vulnerability, an authenticated attacker would need to submit a specially crafted page request to an affected Reporting Services instance. The security update addresses the vulnerability by modifying how the Microsoft SQL Server Reporting Services handles page requests.	v4.1,v4.2,v4.3,v4.4,v4.5
09/12/2017	Security Update for Microsoft Office 2007 suites (KB3213641)	A security vulnerability exists in Microsoft Office 2007 suites that could allow arbitrary code to run when a maliciously modified file is opened. This update resolves that vulnerability.	v4.1,v4.2,v4.3,v4.4,v4.5
09/12/2017	Security Update for Microsoft Office 2007 suites (KB3213649)	A security vulnerability exists in Microsoft Office 2007 suites that could allow arbitrary code to run when a maliciously modified file is opened. This update resolves that vulnerability.	v4.1,v4.2,v4.3,v4.4,v4.5
02/13/2018	Security Update for Microsoft Office 2007 suites (KB4011715)	A security vulnerability exists in Microsoft Office 2007 suites that could allow arbitrary code to run when a maliciously modified file is opened. This update resolves that vulnerability.	v4.1,v4.2,v4.3,v4.4,v4.5
03/10/2020	Security Update for the information disclosure vulnerability in Visual Studio 2010 Service Pack 1 (KB4091346)	An information disclosure vulnerability exists when Visual Studio improperly discloses limited contents of uninitialized memory while compiling program database (PDB) files. An attacker who exploits the vulnerability could view uninitialized memory from the computer that is used to compile a program database file. This servicing release provides a security fix for this issue to Microsoft Visual Studio 2010 Service Pack 1.	v4.1,v4.2,v4.3,v4.4,v4.5

03/10/2020	Security update for the information disclosure vulnerability in Visual Studio 2010 Service Pack 1 (KB4476698)	An information disclosure vulnerability exists when Visual Studio improperly discloses arbitrary file contents if the victim opens a malicious .vscontent file.	v4.1,v4.2,v4.3,v4.4,v4.5
03/10/2020	Security Update for the remote code execution vulnerability in Visual Studio 2010 Service Pack 1 (KB4336919)	A remote code execution vulnerability exists in Visual Studio software when the software fails to check the source markup of a file for an unbuilt project. You can help protect your system by installing this update from Microsoft. This servicing release provides a security fix for this issue to Microsoft Visual Studio 2010 Service Pack 1.	v4.1,v4.2,v4.3,v4.4,v4.5
05/12/2020	2020-05 Update for Windows Server 2012 R2 for x64-based Systems (KB4557900)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
07/14/2020	2020-07 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB4566425)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
09/08/2020	2020-09 Update for Windows Server 2012 R2 for x64-based	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5

	Systems (KB4566371)		
10/13/2020	2020-10 Update for Windows Server 2012 R2 for x64-based Systems (KB4578623)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
11/10/2020	2020-11 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB4586768)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
01/12/2021	Security Update for SQL Server 2012 Service Pack 4 CU (KB4583465)	Security issues have been identified in the SQL Server 2012 Service Pack 4 CU that could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
01/12/2021	Security Update for SQL Server 2014 Service Pack 3 GDR (KB4583463)	Security issues have been identified in the SQL Server 2014 Service Pack 3 GDR that could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
01/12/2021	Security Update for SQL Server 2016 Service Pack 2 CU (KB4583461)	Security issues have been identified in the SQL Server 2016 Service Pack 2 CU that could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After	v4.1,v4.2,v4.3,v4.4,v4.5

		you install this item, you may have to restart your computer.	
01/12/2021	2021-01 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB4598285)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
01/12/2021	2021-01 Security and Quality Rollup for .NET Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows 8.1 and Server 2012 R2 for x64 (KB4598502)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
02/09/2021	2021-02 Security and Quality Rollup for .NET Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB4603004)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5

02/09/2021	2021-02 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB4601384)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
02/11/2021	SQL Server 2016 Service Pack 2 Cumulative Update (CU) 16 KB5000645	CU16 for SQL Server 2016 Service Pack 2 upgraded all SQL Server 2016 Service Pack 2 instances and components installed through the SQL Server setup. CU16 can upgrade all editions and servicing levels of SQL Server 2016 Service Pack 2 to the CU16 level. For customers in need of additional installation options, please visit the Microsoft Download Center to download the latest Cumulative Update (https://support.microsoft.com/en-us/kb/957826). To learn more about SQL Server 2016 Service Pack 2 CU16, please visit the Microsoft Support (http://support.microsoft.com) Knowledge Base article KB5000645.	v4.1,v4.2,v4.3,v4.4,v4.5
03/09/2021	2021-03 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5000848)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
03/09/2021	2021-03 Cumulative Security Update for Internet Explorer 11 for Windows	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base	v4.1,v4.2,v4.3,v4.4,v4.5

	Server 2012 R2 for x64-based systems (KB5000800)	article. After you install this update, you may have to restart your system.	
03/29/2021	SQL Server 2016 Service Pack 2 Cumulative Update (CU) 17 (KB5001092)	CU17 for SQL Server 2016 Service Pack 2 upgraded all SQL Server 2016 Service Pack 2 instances and components installed through the SQL Server setup. CU17 can upgrade all editions and servicing levels of SQL Server 2016 Service Pack 2 to the CU17 level. For customers in need of additional installation options, please visit the Microsoft Download Center to download the latest Cumulative Update (https://support.microsoft.com/en-us/kb/957826). To learn more about SQL Server 2016 Service Pack 2 CU17, please visit the Microsoft Support (http://support.microsoft.com) Knowledge Base article KB5001092.	v4.1,v4.2,v4.3,v4.4,v4.5
04/13/2021	2021-04 Update for Windows Server 2012 R2 for x64-based Systems (KB4601275)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
04/13/2021	2021-04 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5001382)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
04/13/2021	2021-04 Servicing Stack Update for Windows Server 2012	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you	v4.1,v4.2,v4.3,v4.4,v4.5

	R2 for x64-based Systems (KB5001403)	install this item, you may have to restart your computer.	
05/11/2021	2021-05 Security and Quality Rollup for .NET Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5001881)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
05/11/2021	2021-05 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5003165)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
05/11/2021	2021-05 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5003209)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
06/08/2021	2021-06 Cumulative Security	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect	v4.1,v4.2,v4.3,v4.4,v4.5

	Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5003636)	your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	
06/08/2021	2021-06 Security and Quality Rollup for .NET Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5003781)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
06/08/2021	2021-06 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5003671)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
07/06/2021	2021-07 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5

	Systems (KB5004954)		
07/13/2021	2021-07 Security and Quality Rollup for .NET Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5004231)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
07/13/2021	2021-07 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5004298)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
07/13/2021	2021-07 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5004233)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
08/10/2021	2021-08 Security and Quality Rollup for .NET	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you	v4.1,v4.2,v4.3,v4.4,v4.5

	Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5004873)	install this item, you may have to restart your computer.	
08/10/2021	2021-08 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5005076)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
08/10/2021	2021-08 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5005036)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
09/14/2021	2021-09 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5005563)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5

09/14/2021	2021-09 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5005613)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
10/12/2021	2021-10 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5006671)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
10/12/2021	2021-10 Security and Quality Rollup for .NET Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5006763)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
10/12/2021	2021-10 Security Monthly Quality Rollup for Windows Server 2012	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base	v4.1,v4.2,v4.3,v4.4,v4.5

	R2 for x64-based Systems (KB5006714)	article. After you install this update, you may have to restart your system.	
11/09/2021	2021-11 Security and Quality Rollup for .NET Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5007301)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
11/09/2021	2021-11 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5007247)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
11/22/2021	SQL Server 2016 Service Pack 3 (KB5003279)	Service Pack 3 for SQL Server 2016 upgraded all SQL Server 2016 instances and components installed through the SQL Server setup. Service Pack 3 can upgrade all editions of SQL Server 2016 to Service Pack 3 level. For customers in need of additional installation options, please visit the Microsoft Download Center and download the Service Pack 3 SQL Server 2016. To learn more about SQL Server 2016 SP3 please visit the Microsoft Support (https://support.microsoft.com) Knowledge Base article KB 5003279.	v4.1,v4.2,v4.3,v4.4,v4.5
12/14/2021	2021-12 Security	A security issue has been identified in a Microsoft software product that could	v4.1,v4.2,v4.3,v4.4,v4.5

	Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5008263)	affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	
01/11/2022	2022-01 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5009624)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
01/11/2022	2022-01 Security and Quality Rollup for .NET Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5009721)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
02/08/2022	2022-02 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5

	Systems (KB5010419)		
02/08/2022	2022-02 Security and Quality Rollup for .NET Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5010583)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
03/08/2022	2022-03 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5011564)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
04/12/2022	2022-04 Security and Quality Rollup for .NET Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5012331)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
04/12/2022	2022-04 Servicing	Install this update to resolve issues in Windows. For a complete listing of the	v4.1,v4.2,v4.3,v4.4,v4.5

	Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5012672)	issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	
04/12/2022	2022-04 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5012670)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
05/10/2022	2022-05 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5014025)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
05/10/2022	2022-05 Security and Quality Rollup for .NET Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5013872)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
05/10/2022	2022-05 Security Monthly Quality Rollup for	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the	v4.1,v4.2,v4.3,v4.4,v4.5

	Windows Server 2012 R2 for x64-based Systems (KB5014011)	issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	
05/19/2022	SQL Server 2016 Service Pack 3 Azure Connect Pack KB5014242	Azure Connect Pack for SQL Server 2016 Service Pack 3 upgraded all SQL Server 2016 Service Pack 3 instances and components installed through the SQL Server setup. Azure Connect Pack can upgrade all editions and servicing levels of SQL Server 2016 Service Pack 3 . For customers in need of additional installation options, please visit the Microsoft Download Center to download the latest Cumulative Update (https://support.microsoft.com/kb/957826). To learn more about SQL Server 2016 Service Pack 3 Azure Connect Pack, please visit the Microsoft Support (https://support.microsoft.com) Knowledge Base article KB5014242.	v4.1,v4.2,v4.3,v4.4,v4.5
06/14/2022	Security Update for SQL Server 2016 Service Pack 3 CU (KB5015371)	Security issues have been identified in the SQL Server 2016 Service Pack 3 CU that could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
06/14/2022	Security Update for SQL Server 2014 Service Pack 3 GDR (KB5014165)	Security issues have been identified in the SQL Server 2014 Service Pack 3 GDR that could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
06/14/2022	Security Update for SQL Server 2014 Service Pack 3 CU (KB5014164)	Security issues have been identified in the SQL Server 2014 Service Pack 3 CU that could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After	v4.1,v4.2,v4.3,v4.4,v4.5

		you install this item, you may have to restart your computer.	
06/14/2022	2022-06 Security and Quality Rollup for .NET Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5014808)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
06/14/2022	2022-06 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5014738)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
07/12/2022	2022-07 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5015805)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
07/12/2022	2022-07 Servicing Stack Update for Windows Server 2012 R2 for x64-based	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5

	Systems (KB5016264)		
07/12/2022	2022-07 Security and Quality Rollup for .NET Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5016568)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
07/12/2022	2022-07 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5015874)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
08/09/2022	2022-08 Security and Quality Rollup for .NET Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5016740)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
08/09/2022	2022-08 Security Monthly Quality Rollup for Windows	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see	v4.1,v4.2,v4.3,v4.4,v4.5

	Server 2012 R2 for x64-based Systems (KB5016681)	the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	
08/09/2022	2022-08 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5016618)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
08/09/2022	2022-08 Security Update for Windows Server 2012 R2 for x64-based Systems (KB5012170)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
08/24/2022	2022-08 Extended Security Updates (ESU) Licensing Preparation Package for Windows Server 2012 R2 for x64-based Systems (KB5017220)	This update provides the complete set of licensing changes to enable installation of the ESU MAK add-on key, which is one of the steps to prepare for installation of Extended Security Updates. A reboot is required after installing this update.	v4.1,v4.2,v4.3,v4.4,v4.5
09/13/2022	2022-09 Servicing Stack Update for Windows Server 2012	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you	v4.1,v4.2,v4.3,v4.4,v4.5

	R2 for x64-based Systems (KB5017398)	install this item, you may have to restart your computer.	
09/13/2022	2022-09 Security and Quality Rollup for .NET Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5017531)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
10/11/2022	2022-10 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5018413)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
10/11/2022	2022-10 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5018922)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
10/11/2022	2022-10 Security Monthly Quality Rollup for Windows Server 2012	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base	v4.1,v4.2,v4.3,v4.4,v4.5

	R2 for x64-based Systems (KB5018474)	article. After you install this update, you may have to restart your system.	
10/11/2022	2022-10 Security and Quality Rollup for .NET Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5018549)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
11/08/2022	2022-11 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5019958)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
11/08/2022	2022-11 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5020023)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
11/08/2022	2022-11 Security and Quality Rollup for .NET	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the	v4.1,v4.2,v4.3,v4.4,v4.5

	Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5020690)	issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	
12/13/2022	2022-12 Security and Quality Rollup for .NET Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5021093)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
12/13/2022	2022-12 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5021294)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
01/10/2023	2023-01 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5022352)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
02/14/2023	Security Update for	Security issues have been identified in the SQL Server 2014 Service Pack 3 GDR that	v4.1,v4.2,v4.3,v4.4,v4.5

	SQL Server 2014 Service Pack 3 GDR (KB5021037)	could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After you install this item, you may have to restart your computer.	
02/14/2023	2023-02 Security and Quality Rollup for .NET Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5022733)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
02/14/2023	Security Update for SQL Server 2016 Service Pack 3 CU (KB5021128)	Security issues have been identified in the SQL Server 2016 Service Pack 3 CU that could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
02/14/2023	2023-02 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5022835)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
09/14/2022	2022-09 Security Monthly Quality Rollup for Windows	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see	v4.1,v4.2,v4.3,v4.4,v4.5

	Server 2012 R2 for x64-based Systems (KB5017367)	the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	
02/14/2023	2023-02 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5022899)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
02/28/2023	2023-02 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5022922)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
03/14/2023	2023-03 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5023765)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
03/14/2023	2023-03 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5023790)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5

04/11/2023	2023-04 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5025285)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
05/09/2023	2023-05 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5026366)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
05/09/2023	2023-05 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5026415)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
06/13/2023	2023-06 Security and Quality Rollup for .NET Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5

	R2 for x64 (KB5027542)		
06/13/2023	2023-06 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5027574)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
06/13/2023	2023-06 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5027271)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
07/11/2023	2023-07 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5028167)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
07/11/2023	2023-07 Security and Quality Rollup for .NET Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5

	R2 for x64 (KB5028941)		
07/11/2023	2023-07 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5028228)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
08/08/2023	2023-08 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5029368)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
08/08/2023	2023-08 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5029312)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
08/08/2023	2023-08 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5029243)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5

08/08/2023	2023-08 Security and Quality Rollup for .NET Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5029653)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
09/12/2023	2023-09 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5030329)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
09/12/2023	2023-09 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5030209)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
09/12/2023	2023-09 Security and Quality Rollup for .NET Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5

	R2 for x64 (KB5030184)		
09/12/2023	2023-09 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5030269)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
10/10/2023	Security Update for SQL Server 2014 Service Pack 3 GDR (KB5029184)	Security issues have been identified in the SQL Server 2014 Service Pack 3 GDR that could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
10/10/2023	Security Update for SQL Server 2016 Service Pack 3 CU (KB5029187)	Security issues have been identified in the SQL Server 2016 Service Pack 3 CU that could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
10/10/2023	2023-10 Security and Quality Rollup for .NET Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5031228)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
10/10/2023	2023-10 Cumulative	A security issue has been identified in a Microsoft software product that could	v4.1,v4.2,v4.3,v4.4,v4.5

	Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5031355)	affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	
10/10/2023	2023-10 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5031419)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
11/14/2023	2023-11 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5032308)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
11/14/2023	2023-11 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5032249)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
11/14/2023	2023-11 Security and Quality Rollup for	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from	v4.1,v4.2,v4.3,v4.4,v4.5

	.NET Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5032343)	Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	
11/14/2023	2023-11 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5032191)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
12/12/2023	2023-12 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5033420)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
12/12/2023	2023-12 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5033376)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5

01/09/2024	2024-01 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5034120)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
01/09/2024	2024-01 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5034587)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
01/09/2024	2024-01 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5034171)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
01/09/2024	2024-01 Security and Quality Rollup for .NET Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5034279)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5

02/13/2024	2024-02 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5034866)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
02/13/2024	2024-02 Security and Quality Rollup for .NET Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5034689)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
02/13/2024	2024-02 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5034819)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
03/12/2024	2024-03 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5035885)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5

03/12/2024	2024-03 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5035968)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
04/09/2024	2024-04 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5036960)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
04/09/2024	2024-04 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5037021)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
04/09/2024	2024-04 Security and Quality Rollup for .NET Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5037040)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
05/14/2024	2024-05 Security Monthly	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect	v4.1,v4.2,v4.3,v4.4,v4.5

	Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5037823)	your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	
05/14/2024	2024-05 Security and Quality Rollup for .NET Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5038290)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
06/11/2024	2024-06 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5039340)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
06/11/2024	2024-06 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5039294)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
07/09/2024	2024-07 Servicing Stack Update for Windows	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base	v4.1,v4.2,v4.3,v4.4,v4.5

	Server 2012 R2 for x64-based Systems (KB5040569)	article for more information. After you install this item, you may have to restart your computer.	
07/09/2024	2024-07 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5040456)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
07/09/2024	Security Update for SQL Server 2016 Service Pack 3 CU (KB5040944)	Security issues have been identified in the SQL Server 2016 Service Pack 3 CU that could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
07/09/2024	2024-07 Security and Quality Rollup for .NET Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5041023)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
07/09/2024	2024-07 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base	v4.1,v4.2,v4.3,v4.4,v4.5

	R2 for x64-based systems (KB5040426)	article. After you install this update, you may have to restart your system.	
08/13/2024	2024-08 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5041828)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
08/13/2024	2024-08 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5041770)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
08/13/2024	2024-08 Security and Quality Rollup for .NET Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5042356)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
08/13/2024	2024-08 Servicing Stack Update for Windows Server 2012	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you	v4.1,v4.2,v4.3,v4.4,v4.5

	R2 for x64-based Systems (KB5041588)	install this item, you may have to restart your computer.	
09/10/2024	Security Update for SQL Server 2016 Service Pack 3 CU (KB5042209)	Security issues have been identified in the SQL Server 2016 Service Pack 3 CU that could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
09/10/2024	2024-09 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5044410)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
09/10/2024	2024-09 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5043049)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
09/10/2024	2024-09 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5043138)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5

10/08/2024	2024-10 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5044411)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
10/08/2024	2024-10 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5044343)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
10/08/2024	2024-10 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5044272)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
10/08/2024	Security Update for SQL Server 2016 Service Pack 3 CU (KB5046062)	Security issues have been identified in the SQL Server 2016 Service Pack 3 CU that could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
10/08/2024	2024-10 Security and Quality Rollup for .NET	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the	v4.1,v4.2,v4.3,v4.4,v4.5

	Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5044097)	issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	
11/12/2024	Security Update for SQL Server 2016 Service Pack 3 CU (KB5046856)	Security issues have been identified in the SQL Server 2016 Service Pack 3 CU that could allow an attacker to compromise your system and gain control over it. You can help protect your computer by installing this update from Microsoft. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
11/12/2024	2024-11 Security and Quality Rollup for .NET Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5046545)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
11/12/2024	2024-11 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5046682)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
11/12/2024	2024-11 Cumulative Security Update for Internet	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the	v4.1,v4.2,v4.3,v4.4,v4.5

	Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5046630)	issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	
12/10/2024	2024-12 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5048735)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
01/14/2025	2025-01 Security and Quality Rollup for .NET Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5050185)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
01/14/2025	2025-01 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5049994)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
01/14/2025	2025-01 Security	A security issue has been identified in a Microsoft software product that could	v4.1,v4.2,v4.3,v4.4,v4.5

	Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5050048)	affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	
01/14/2025	2025-01 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5050115)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
02/11/2025	2025-02 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5052042)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
02/11/2025	2025-02 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5051972)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
02/11/2025	2025-02 Servicing Stack Update for Windows	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base	v4.1,v4.2,v4.3,v4.4,v4.5

	Server 2012 R2 for x64-based Systems (KB5052108)	article for more information. After you install this item, you may have to restart your computer.	
03/11/2025	2025-03 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5053593)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
03/11/2025	2025-03 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5053887)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
04/08/2025	2025-04 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5055515)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
04/08/2025	2025-04 Security Monthly Quality Rollup for	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the	v4.1,v4.2,v4.3,v4.4,v4.5

	Windows Server 2012 R2 for x64-based Systems (KB5055557)	issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	
04/08/2025	2025-04 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5055665)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
04/08/2025	2025-04 Security and Quality Rollup for .NET Framework 3.5, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64 (KB5055686)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
05/13/2025	2025-05 Servicing Stack Update for Windows Server 2012 R2 for x64-based Systems (KB5058529)	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	v4.1,v4.2,v4.3,v4.4,v4.5
05/13/2025	2025-05 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base	v4.1,v4.2,v4.3,v4.4,v4.5

	R2 for x64-based systems (KB5058380)	article. After you install this update, you may have to restart your system.	
05/13/2025	2025-05 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5058403)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
06/10/2025	2025-06 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5061018)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5
06/10/2025	2025-06 Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 for x64-based systems (KB5060996)	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	v4.1,v4.2,v4.3,v4.4,v4.5