

Marimba User Group

October 2016



New Servicing Model For Patch Deployment



Introduction

Regarding Microsoft's servicing model changes, Microsoft has consolidated all IE and OS bulletins into a single update. This can be accomplished in one of the two ways:

- As a security only quality update or
- Security monthly quality rollup

The major difference between these two are :

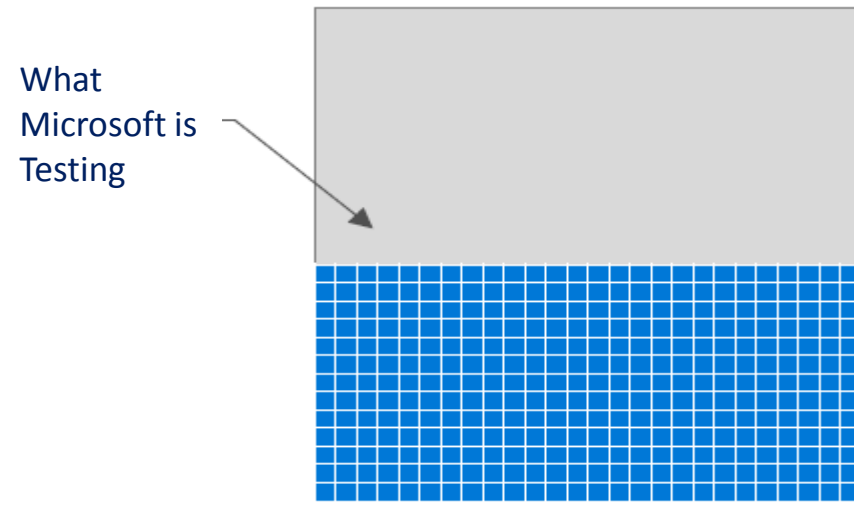
- The security update is bundling each month's security updates only.
- The rollup includes non-security fixes as well as cumulative fixes.



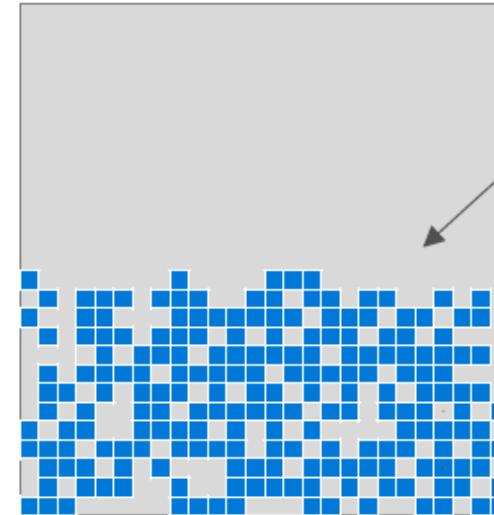


Issues with Individual Updates

Individual updates add complexity and cost, increase fragmentation, and reduce quality



Windows 7 Test Lab PC:
Fully Patched



Typical Windows 7 PC:
Selectively Patched





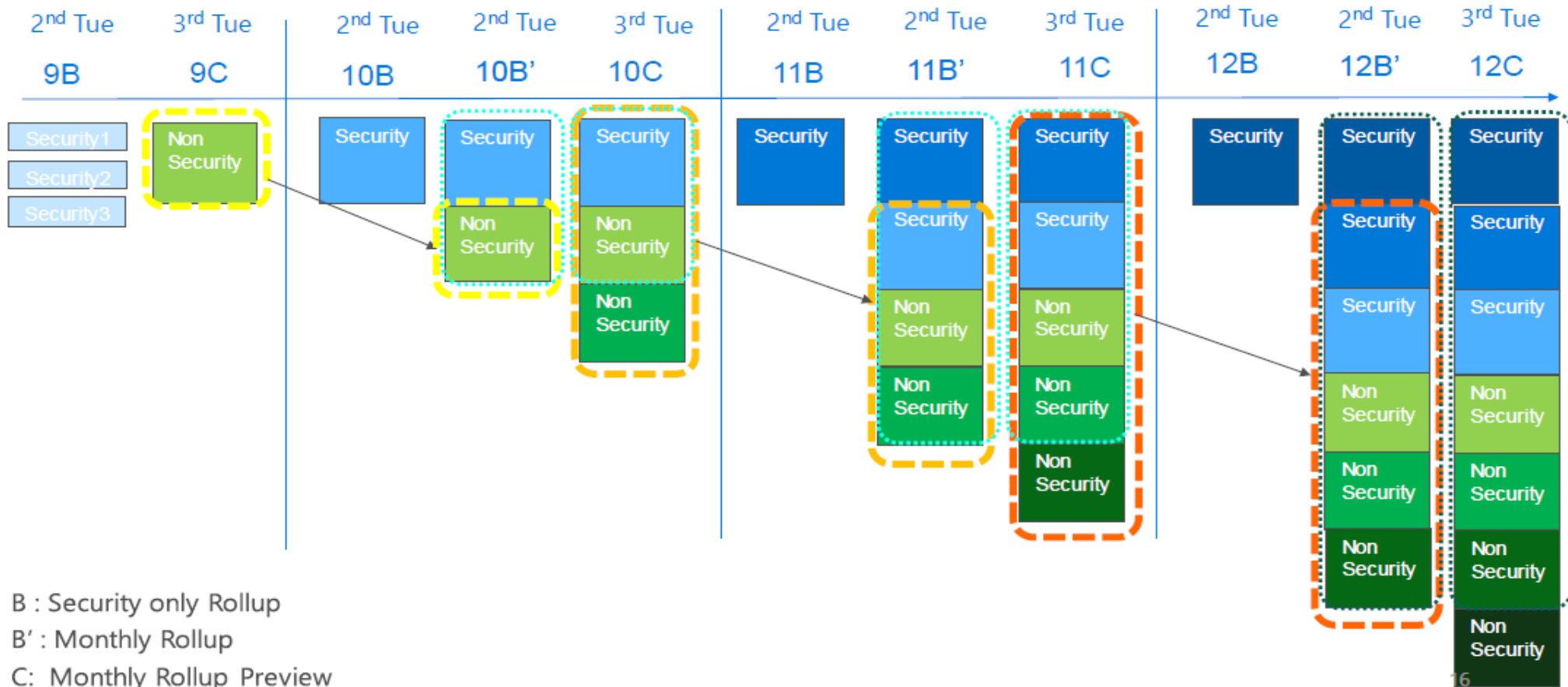
Microsoft New Strategy

- Internet Explorer and Operating System updates will be packaged in two ways.
 - **Security Bundle**—All OS and IE (Security only) updates for the month will be bundled in a single update. This is not cumulative i.e., the November Security bundle would not include the October Security updates.
 - **Cumulative Update**—All OS and IE updates for the month for both security and non-security patches are included in each month's cumulative rollup. The November rollup would include the updates from the October cumulative update.
- .NET Framework will be a separate Cumulative Rollup. This update will be a single package irrespective of .NET versions currently installed on a system. The installer will detect and update the installed versions.
- Adobe Flash for IE will be a separate update.
- Office, SharePoint, Exchange, SQL, and other products will still have separate updates for each month.





Overview of Update Sequence





Size of security update

- There will not be any impact on the size of security updates.





Size for Monthly Rollup

- What is the expected size of monthly rollup ?

According to the information available on patch forums, the roll up size for win 7 may grow up to 500-600 MB. However, we have observed the binary size of this month rollup patch is up to 123 MB.

Name	Date modified	Type	Size
Install	10/16/2016 4:54 AM	Windows Batch File	2 KB
PackageBuilder.Results	10/16/2016 5:08 AM	XML File	3 KB
pkgconfig	10/16/2016 4:42 AM	XML File	3 KB
pkgconfigUninstall	10/16/2016 4:54 AM	XML File	3 KB
properties	10/16/2016 5:08 AM	Text Document	1 KB
Uninstall	10/16/2016 5:08 AM	Windows Batch File	1 KB
Windows6_1-Windows7-SP1-KB3185330-...	10/16/2016 12:09 ...	Application	122,252 KB





Impact on Marimba Patch Management

- We don't anticipate any changes with respect to patch deployment operation by Marimba.
- Customer can do the selective packaging (update/Package) for the patch group as they have been doing it before. There will not be any changes.
- All Patch filters will work in the similar manner.





Deployment of Security Update Only

- Is it possible to apply only Security updates ?

Yes , We are providing this facility by Marimba Patch Management solution.
Customer can create patch group for security updates only.

	Patch ID	Marimba ID	Release Date	Severity	Patc
	Q3192391	SB16-001.Q3192391.Windows6.1-2008-R2-SP1-KB3192391-x64.msu._1722914863	Oct 11, 2016	Critical	Micr
	Q3192393	SB16-001.Q3192393.Windows8-RT-2012-KB3192393-x64.msu._306456594	Oct 11, 2016	Critical	Micr
	Q3192392	SB16-001.Q3192392.Windows8.1-KB3192392-x64.msu.996920371	Oct 11, 2016	Critical	Micr
	Q3192392	SB16-001.Q3192392.Windows8.1-KB3192392-x86.msu.1056025715	Oct 11, 2016	Critical	Micr
	Q3192391	SB16-001.Q3192391.Windows6.1-KB3192391-x86.msu._1854188944	Oct 11, 2016	Critical	Micr
	Q3192391	SB16-001.Q3192391.Windows6.1-Windows7-SP1-KB3192391-x64.msu._965378164	Oct 11, 2016	Critical	Micr
	Q3192392	SB16-001.Q3192392.Windows8.1-2012-R2-KB3192392-x64.msu.1862711028	Oct 11, 2016	Critical	Micr





Patch Tuesday Activity For October Month

- For the month of October, Microsoft released both individual patches as well as rollups. However, Microsoft has confirmed that from next month onwards, only roll up patches will be released.
- You can also deploy just the security bundle (e.g. SB16-001) or the security and non-security bundle (e.g. CR16-001) and that will contain all the individual security updates released by Microsoft for this month.



Thank You

Send queries to Nitish.Shrivastava@harman.com

