



Server Baseline Document: Jan 1, 2016

Major Patches Published Through Jan 1, 2016

Our Baseline Document is a compilation of patches that are considered stable and production ready for the current business quarter. This list outlines the major products which fit into our core expertise, primarily in the Data Center. We generally perform a quarterly Baseline process for all of our customers, and ensure that all the updates listed here are applied and functional. This accomplishes the following:

- Implements bug fixes and other defects
- Resolves known security vulnerabilities
- May include feature enhancements
- Keeps systems up to date and easier to support
- Ensure support from vendor if issues arise

The following tables outline the baselines for the major products within our core area of expertise.

Red = Recent Patches; Gray = Obsolete Product / End of Life

Server Operating Systems	Patch	Build/Kernel	Release Date
SUSE Linux Enterprise Server 12 (SLES 12)	SLES 12 SP1 SLES Kernel Updates: 3.12.51-60.20.2	3.12.51-52.31	July 16, 2015 Dec 17, 2015
SUSE Linux Enterprise Server 11 (SLES 11)	SLES 11 SP4 SLES Kernel Updates: 3.0.101-68.1	3.0.101-63.1	July 2015 Dec 22, 2015
Novell Open Enterprise Server 2015	SLES 11 SP3 + OES 2015 SLES Kernel Updates: 3.0.101-0.47.71 OES Updates: Update 10858	3.0.76-0.11	July 8, 2013 + Sept 14, 2015 Nov 26, 2015 Nov 30, 2015
Novell Open Enterprise Server 11 (OES 11)	SLES 11 SP3 + OES 11 SP2 SLES Kernel Updates: 3.0.101-0.47.71 OES Updates: Update 10857	3.0.76-0.11	July 8, 2013 + Jan 28, 2014 Nov 26, 2015 Nov 30, 2015
SLES 10 (64 Bit)	SLES 10 SP4	Kernel Build	April 12, 2011 (EOL)
SUSE Linux Enterprise Server 10	Minor: Post SP4 Kernel Updates	2.6.16.60-0.103.1	Kernel: June 4, 2013
Novell OES 2	SLES 10 SP4 + OES 2 SP3	Kernel Build	Dec 22, 2010 (EOL)
Open Enterprise Server 2	Minor: Post SP4 Kernel Updates	2.6.16.60-0.103.1	Kernel: June 4, 2013
Novell NetWare 6.5	NW6.5 SP8 +		May 6, 2009

Novell Email & Collaboration	Patch Version	Build	Release Date
Novell GroupWise 2014 R2	GroupWise 2014 R2	122092	Dec 03, 2015
Novell GroupWise 2012	GroupWise 2012 SP4	120531	July 09, 2015
<i>Novell GroupWise 8</i>	<i>GW8 SP3 HP5</i>	<i>118623</i>	<i>Dec 18, 2014</i>
GroupWise Mobility Service	GMS 2014 R2	279	Dec 7, 2015
<i>Novell DataSync Mobility Pack</i> <i>Replaced by GroupWise Mobile Server 2</i>	<i>Mobility Pack v1.2.5</i>	<i>1.2.5 Build 299</i>	<i>Apr 29, 2013</i> <i>Apr 10, 2014 (EOL)</i>
Novell FILR 1.2	FILR 1.2 Hot Patch 4	856	Dec 16, 2015
Novell FILR Desktop App	FILR 1.2 Hot Patch 4	925	Jun 11, 2015
Novell Vibe	Vibe 4.0 Hot Patch 4		Sep 22, 2015

Novell Products (Misc)	Patch Version	Build	Release Date
Novell Client 2 (Windows 7/8/2012)	Client 2 SP4 (IR1)		Oct 01, 2015
Novell Client (Windows XP/2003)	Client 4.91 SP5 IR2		Jul 26, 2013
Novell eDirectory 8.8.8	eDirectory 8.8 SP8 Patch 6		Sep 30, 2015
Novell ZENworks 11	ZCM 11 SP4 11.4.1	11.4.1	Dec 14, 2015

VMWare Products	Patch Version	Build	Release Date
VMware vSphere ESXi 6	ESXi 6.0 Express Patch 4	3247720	Nov 25, 2015
VMware vCenter 6	vCenter 6.0 U1	3018524	Sep 10, 2015
VMware vCenter 6 Appliance	vCenter 6.0 U1	3018523	Sep 10, 2015
VMware vSphere ESXi 5.5	ESXi 5.5 Update 3b	3248547	Dec 08, 2015
VMware vCenter 5.5	vCenter 5.5 Update 3	3000241	Sep 16, 2015
VMware vCenter 5.5 Appliance	vCenter 5.5 Update 3b	3255668	Dec 08, 2015
VMware vSphere ESXi 5.1	ESXi 5.1 Patch 8	3070626	Oct 1, 2015
VMware vCenter 5.1	vCenter 5.1 Update 3b	3070521	Oct 01, 2015
VMware vCenter 5.1 Appliance	vCenter 5.1 Update 3b	3072314	Oct 01, 2015
VMware vSphere ESXi 5.0	ESXi 5.0 Patch 12	3086167	Oct 01, 2015
VMware vCenter 5.0	vCenter 5.0 U3e	3073236	Oct 01, 2015
VMware vSphere ESXi 4.1	ESXi 4.1 Patch 11a	2168595	Oct 01, 2014
VMware vCenter 4.1	vCenter 4.1.0 U3a	925676/978694	Jan 31, 2013

Miscellaneous Products	Patch Version	Build	Release Date
Veeam Backup & Replication 8.0	B & R 8.0 Update 3	8.0.0.2084	Oct 08, 2015
Sophos Unified Threat Manager V9	UTM 9.352-6	9.3352-6	Dec 14, 2015
Astaro Security Gateway V8	ASG 8.316	8.316	Mar 12, 2015

Miscellaneous Items and Notes

- BIOS updates, firmware, etc. should be applied as recommended by the specific hardware manufacturer. The list is too vast to include here.
- As a rule of thumb, there is usually several post Service Pack patches available. When applying baseline updates, we generally recommend applying those patches that are automatically downloaded either through Microsoft Update manager, Novell's update channel (For OES), or Linux's Online Update tool.
- eDirectory patches are somewhat subjective depending on whether it is a standalone eDirectory installation or an integrated installation with Open Enterprise Server (OES). Case in point, on OES2 or OES11, eDirectory is updated automatically from the channel with other OES patches. Other implementations may require manual updates. Also, note that newer builds of eDirectory may not be supported/available on older OES versions.

Vendor Product Lifecycle Links:

- Novell ([Support Lifecycle](#))
- VMware ([Support Lifecycle](#))
- Sophos ([Sophos UTM Lifecycle Policy](#))

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