



Advisory Alert

Alert No: AAA190116

Date: 16-Jan-19 15:26 PM



Security Updates for 16th January 2019

<p>Overview</p>	<table border="0"> <tr> <td data-bbox="475 422 544 457">High</td> <td data-bbox="608 348 751 527"> Juniper OS Microsoft Oracle OpenSSH </td> <td data-bbox="874 348 1323 527"> <ul style="list-style-type: none"> ▪ Multiple Critical Vulnerabilities ▪ Multiple Security Updates ▪ Multiple Critical Vulnerabilities ▪ Client Security Bypass </td> </tr> <tr> <td data-bbox="475 548 544 583">Low</td> <td data-bbox="608 548 679 583">Linux</td> <td data-bbox="874 548 1238 583"> <ul style="list-style-type: none"> ▪ Privilege Escalation Flaw </td> </tr> <tr> <td data-bbox="475 642 544 678">Info</td> <td data-bbox="608 596 823 716"> Windows 7 Multiple Web Hosting Services </td> <td data-bbox="874 596 1225 678"> <ul style="list-style-type: none"> ▪ End of Life Notice ▪ Multiple Vulnerabilities </td> </tr> </table>	High	Juniper OS Microsoft Oracle OpenSSH	<ul style="list-style-type: none"> ▪ Multiple Critical Vulnerabilities ▪ Multiple Security Updates ▪ Multiple Critical Vulnerabilities ▪ Client Security Bypass 	Low	Linux	<ul style="list-style-type: none"> ▪ Privilege Escalation Flaw 	Info	Windows 7 Multiple Web Hosting Services	<ul style="list-style-type: none"> ▪ End of Life Notice ▪ Multiple Vulnerabilities
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<p>Description / Impact</p>	<table border="0"> <tr> <td data-bbox="352 779 496 814">Juniper OS</td> <td data-bbox="608 779 1509 1031"> <ul style="list-style-type: none"> • Multiple critical level vulnerabilities have been identified and addressed in several Juniper OS using devices. An attacker exploiting these vulnerabilities could then perform different unauthorized activities. • Affected Products: Juniper ATP, Junos Space, Junos • Officially Acknowledged by the Vendor: Yes </td> </tr> <tr> <td data-bbox="352 1041 560 1119">Microsoft Security Update</td> <td data-bbox="608 1041 1509 1514"> <ul style="list-style-type: none"> • Microsoft has released its January 2019 Security Update which addresses multiple vulnerabilities (including multiple critical vulnerabilities) across several of its products. • Affected Products: Adobe Flash Player, Internet Explorer, Microsoft Edge, Microsoft Windows, Microsoft Office and Microsoft Office Services and Web Apps, ChakraCore, .NET Framework, ASP.NET, Microsoft Exchange Server, Microsoft Visual Studio, Skype for Business, Team Foundation Server • Officially Acknowledged by the Vendor: Yes </td> </tr> <tr> <td data-bbox="352 1524 440 1560">Oracle</td> <td data-bbox="608 1524 1509 1734"> <ul style="list-style-type: none"> • Oracle has released its January 2019 critical patch update that address multiple critical vulnerabilities affecting several products and different product versions. • Affected Products: Multiple Products and versions • Officially Acknowledged by the Vendor: Yes </td> </tr> </table>	Juniper OS	<ul style="list-style-type: none"> • Multiple critical level vulnerabilities have been identified and addressed in several Juniper OS using devices. An attacker exploiting these vulnerabilities could then perform different unauthorized activities. • Affected Products: Juniper ATP, Junos Space, Junos • Officially Acknowledged by the Vendor: Yes 	Microsoft Security Update	<ul style="list-style-type: none"> • Microsoft has released its January 2019 Security Update which addresses multiple vulnerabilities (including multiple critical vulnerabilities) across several of its products. • Affected Products: Adobe Flash Player, Internet Explorer, Microsoft Edge, Microsoft Windows, Microsoft Office and Microsoft Office Services and Web Apps, ChakraCore, .NET Framework, ASP.NET, Microsoft Exchange Server, Microsoft Visual Studio, Skype for Business, Team Foundation Server • Officially Acknowledged by the Vendor: Yes 	Oracle	<ul style="list-style-type: none"> • Oracle has released its January 2019 critical patch update that address multiple critical vulnerabilities affecting several products and different product versions. • Affected Products: Multiple Products and versions • Officially Acknowledged by the Vendor: Yes 			
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	<p>OpenSSH</p> <ul style="list-style-type: none"> • A OpenSSH vulnerability could allow remote attackers to bypass security restrictions to modify permissions of a target directory. • Affected Products: OpenSSH 7.9 • Officially Acknowledged by the Vendor: Yes <hr/> <p>Linux</p> <ul style="list-style-type: none"> • Three vulnerabilities in a popular init system and service manager of Linux. An attacker could use this flaw to gain root access on victim server from an unprivileged local user level. This flaw is reported to affect several distributions of Linux. Patches from respective Linux distributors are still pending. • Affected Products: All systemd-based Linux distributions, including Redhat and Debian (except SUSE Linux Enterprise 15, openSUSE Leap 15.0, and Fedora 28 and 29) • Officially Acknowledged by the Vendor: No <hr/> <p>Windows 7</p> <ul style="list-style-type: none"> • In one years' time on 14th of January 2020, Microsoft will no longer provide security updates or services for Windows 7. As a result, any new security flaws identified after this date will remain exposed for an attacker to exploit. • Affected Products: Windows 7 • Officially Acknowledged by the Vendor: Yes <hr/> <p>Multiple Web Hosting Services</p> <ul style="list-style-type: none"> • Multiple vulnerabilities have been identified in several popular web hosting sites that could lead visitors to the hosted to be victimized with a single click. • Affected Products: Bluehost, DreamHost, HostGator, iPage, OVH • Officially Acknowledged by the Vendor: Yes (Except by OVH)
<p>Risk Reduction Recommendations</p>	<p>Visit the links below and follow the instructions given by respective vendors.</p> <p>Juniper OS</p> <ul style="list-style-type: none"> • https://kb.juniper.net/InfoCenter/index?page=content&channel=SECURITY_ADVISORIES <p>Microsoft</p> <ul style="list-style-type: none"> • https://portal.msrc.microsoft.com/en-us/security-guidance/releasenotedetail/b4384b95-e6d2-e811-a983-000d3a33c573 <p>Oracle</p> <ul style="list-style-type: none"> • https://www.oracle.com/technetwork/security-advisory/cpujan2019-5072801.html <p>OpenSSH</p> <ul style="list-style-type: none"> • http://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2018-20685 • https://github.com/openssh <p>Linux</p> <ul style="list-style-type: none"> • https://www.qualys.com/2019/01/09/system-down/system-down.txt • https://security-tracker.debian.org/tracker/CVE-2018-16866

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| Windows 7 | <ul style="list-style-type: none">• https://www.microsoft.com/en-us/windowsforbusiness/end-of-windows-7-support |
| Multiple Web Hosting Services | <ul style="list-style-type: none">• https://www.websiteplanet.com/blog/report-popular-hosting-hacked/ |

Disclaimer

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