

# UPDATES FOR JUNOS PULSE ACCESS CONTROL SERVICE AND SECURE ACCESS SERVICE

## Enhanced BYOD Solutions with MDM Integration

### Bulletin Date

November 20, 2013

### Bulletin Number

8000024

### Applicable to All Regions

### Effective Change Date:

Immediately

### Executive Summary

Juniper announces new partnerships with leading mobile device management (MDM) companies AirWatch and MobileIron as well as new releases of Juniper Networks® Junos® Pulse Access Control Service v5.0 and Junos Pulse Secure Access Service 8.0 products. This update focuses on making Juniper’s industry-leading mobile connectivity security suite more open and easier to deploy, offering customers a better Bring Your Own Device (BYOD) solution.

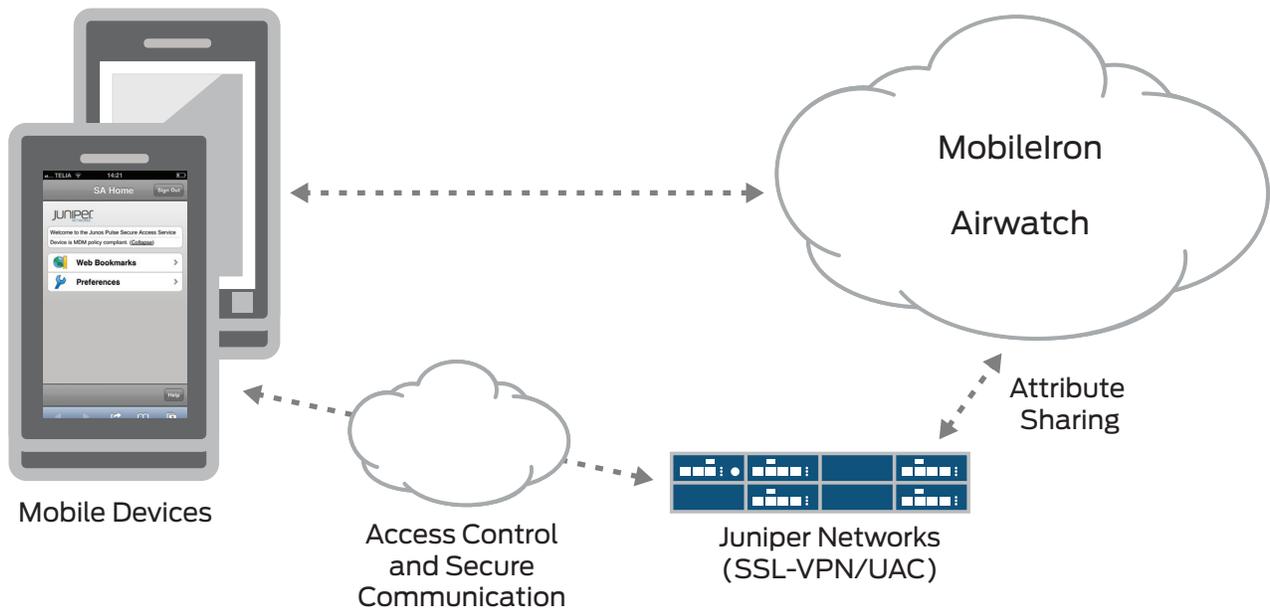
### What’s New

Juniper announces multiple updates and partnerships that solve customers’ growing security problems as well as ease deployment and management concerns in the BYOD space.

- Mobile Device Management (MDM) and Mobile Application Management (MAM) vendor integration with AirWatch and MobileIron makes BYOD solutions smarter and simpler to manage.
  - Leverages a rich set of policy metrics from MDM/MAM solutions
  - Enables more granular policy controls in the Junos Pulse Access Control Service
  - Augments existing network and device-level controls
  - Provides easy no-touch SSL VPN client provisioning through MDM/MAM partners
  - Improves operational visibility and security through consolidated management dashboards
- New Pulse AppConnect per-app VPN for iOS7 and Android devices secures and separates corporate and private communications.
  - Supplements application containerization with transparent and secure per-application connectivity
  - Enables IT to develop in-house completely private and secure applications
- Junos Pulse Access Control service v5.0 and Junos Pulse Secure Access Service v8.0 extends platform coverage and increases performance and ease of use
  - New Windows 8.1, Windows RT, WES 7, Mavericks, iOS 7 extend client support
  - In Box support for 8.1 and Windows RT. No client download required
  - New KVM support increases flexibility and support for any IT environment
  - RSA soft token support for mobile directly connects users to private networks
  - Junos Pulse Client customization offers a better end-user experience

## BYOD Deployment Made Simple

Integration with MDM vendors enables IT to extend granular policies to BYOD users. Partnerships with MobileIron and AirWatch make it simple to deploy secure communications with mobile device management into your existing infrastructure to embrace and enable BYOD without compromising security or control.



## Additional Highlighted Features in this Release

Feature	Description
Extending virtual VPN leadership with KVM hypervisor support	<ul style="list-style-type: none"> <li>New features that enable running SA and IC virtual appliances as a guest OS on any Linux machine with KVM Hypervisor support.</li> </ul>
Enhanced Client User Interface Branding	<ul style="list-style-type: none"> <li>Allow corporations to customize the Junos Pulse client for better end user experience</li> </ul>
Out-of-the-box OSX 10.9, Win 8.1 and Win RT 8.1 VPN support	<ul style="list-style-type: none"> <li>Support for Pulse desktop client and browser-based access from endpoints running the Apple OSX 10.9 operating system or the Windows 8.1 and Windows RT operating system.</li> </ul>
Increased Control through Attribute Sharing	<ul style="list-style-type: none"> <li>Control and define access to corporate resources based on mobile device attributes (for example, disallow access for jail broken devices)</li> </ul>
Better Reporting	<ul style="list-style-type: none"> <li>A new dashboard and tabular reports that give details on user access, device access, and endpoint compliance.</li> </ul>
FIPS enhancements	<ul style="list-style-type: none"> <li>Additional support for FIPS Level 1:                             <ul style="list-style-type: none"> <li>Support of FIPS 140-2 compliant operation mode for desktop Pulse.</li> <li>Cipher suite addition - TLS_DHE_RSA_WITH_AES_128_CBC_SHA</li> <li>Cipher Suite addition - TLS_DHE_RSA_WITH_AES_256_CBC_SHA</li> <li>Addition of three FIPS-compliant EAP protocols (EAP-TTLS, EAP-PEAP, EAP-TLS) for MAG FIPS with UAC personality.</li> </ul> </li> </ul>
Further IPv6 Support	<ul style="list-style-type: none"> <li>IPv6 support for active/passive clusters</li> <li>Support for IPv6-in-IPv6 tunneling.</li> </ul>
VPN Tunneling	<ul style="list-style-type: none"> <li>Configuration enhancements for the VPN Tunneling split tunneling feature</li> </ul>
Web application resource policy	<ul style="list-style-type: none"> <li>Support for Exchange Server and Outlook Web Access (OWA) 2013.</li> </ul>

## Learn More

### Resources

- [Junos Pulse Access Control Service Datasheet](#)
- [Junos Pulse Secure Access Datasheet](#)
- [Junos Pulse Website](#)
- [Junos Pulse: A Day in the Life of the Mobile Worker](#) (white paper)

Or contact your Juniper account manager today.

## About Juniper Networks

Juniper Networks is in the business of network innovation. From devices to data centers, from consumers to cloud providers, Juniper Networks delivers the software, silicon and systems that transform the experience and economics of networking. The company serves customers and partners worldwide. Additional information can be found at [www.juniper.net](http://www.juniper.net).

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