

Avaya Identity Engines Ignition Guest Tunneling Release Notes Software Release 9.1.1

NN47280-402
Issue 02.02
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1. Release Summary

Document Version: 02.02
 Document Date: September 2015
 Purpose: Ignition Guest Tunneling (IGT) software release to introduce the guest isolation feature for Wireless LAN 9100 solution.

Release Notes Revisions	Description	Comments
02.01	Initial release of Release Notes for IGT 9.1.1	
02.02	<ul style="list-style-type: none"> • Updated Customer Found Issues Resolved in this Release section • Updated Known Limitations section 	

2. Important General Notes

- Avaya Identity Engines Ignition Guest Tunneling (IGT) Virtual Appliance is an Avaya Identity Engines portfolio product which provides Wireless Local Area Network (WLAN) 9100 guest user traffic isolation solution using Generic Routing Encapsulation (GRE) tunneling technology.
- Avaya provides the Identity Engines Ignition Guest Tunneling Server as a complete Virtual Appliance.
 - Do not install or uninstall any software components on this Virtual Appliance unless Avaya specifically provides the software and/or instructs you to do so.
 - Do not modify the configuration or the properties of any software components of the Ignition Guest Tunneling VM (including VMware Tools) unless Avaya documentation and/or personnel specifically instruct you to do so.
 - Avaya does not support any deviation from these guidelines.
- Avaya does not support upgrading the VMware Tools in the Ignition Guest Tunneling Server VMware VM. If you have already updated the VMware tools or unsure, stop the process and follow the procedure given below:
 - Take a backup of the Ignition Guest Tunneling System and Tunnel configuration from your existing VM.
 - Deploy a fresh new Ignition Guest Tunneling Server using the OVA supplied by Avaya.
 - Restore the system and tunnel configuration that was created from step 1.

3. Important Notes about this Release

Please make sure to refer to the Avaya WLAN 9100 documentation and Release Notes for detailed information about setting up the GRE tunnels on the 9100 APs.

4. Platforms Supported

The following VMware ESXi platforms are supported with Ignition Guest Tunneling release 9.1.1:

- VMware ESXi and vSphere version 5.1
- VMware ESXi and vSphere version 5.5

IMPORTANT NOTE:

VMware vMotion, VMware Player and VMware Workstation are not supported and cannot be used in conjunction with the Ignition Guest Tunneling Server.

5. Installation

File Names for Identity Guest Tunneling Server release 9.1.1

File Name	Module or File Type	Comments
AIGT_RHEL_6_5_LINUX-VM_09_01_01_029100_x86_64.ova	Ignition Guest Tunneling OVA file for VMware ESXi vSphere 5.1 and 5.5 environments	Ignition Guest Tunneling release 9.1.1. This file is used for fresh VM install.

6. Compatibility

This version of Ignition Guest Tunneling is backward compatible with 9.1.0 release configuration files.

Software	Software Compatibility	System Requirements
Ignition Guest Tunneling Release 9.1.1	<ul style="list-style-type: none"> • VMware ESXi versions 5.1 or 5.5 • Installation on a VMware ESXi server is done using an OVA file which already incorporates the OS Red Hat Enterprise Linux. 	<ul style="list-style-type: none"> • The VM requires a x86_64 capable environment • Minimum 2 Dual-core CPUs • Minimum 4GB memory • Minimum 20GB available disk storage (VMware thin provisioning is allowed) • Minimum 1 physical NIC (preferably 3 NICs. Management, IN and OUT) • See https://www.vmware.com/ for a list of supported hardware platforms for VMware ESXi.

Ignition Guest Tunneling 9.1.1 release is compatible with WLAN 9100 release 7.2.8 and up.

7. Version of Previous Releases

Identity Engines Ignition Guest Tunneling Software release 9.1.0, Release Date – June, 2015
File Name: NN47280-402-01_IDEngines_Guest_Tunneling_Release_Notes.pdf

8. Release Details

8.1. New Features in this Release

- Ignition Guest Tunneling is enhanced to support up to 300 WLAN 9100 APs and handle up to 5000 simultaneous clients per VM instance.
- Ignition Guest Tunneling has been tested successfully with RFC 2544 Test suite.

8.2. Customer Found Issues Resolved in this Release

Item Number	Description
1	Internal Captive Portal on WLAN 9100 Access Points is now supported when using Guest Traffic Isolation using GRE Tunnels. Requires WLAN 9100 rel 7.2.8 or later.

8.3. Outstanding Issues

None

8.4. Known Limitations

Item Number	Description
1	Support for NIC Teaming - In order to support NIC teaming, it is required that the ESXi be configured with "Route based on originating virtual port ID" as the Load Balancing policy at the vSwitch level. The corresponding switch to which the ESXi's physical ports are connected should have the connected ports configured with MLT (Multi-link trunking).
2	IGT system backup does not contain the tunnel configuration. Hence, backup of system and tunnel configuration needs to be taken separately while migrating to a new IGT VM
3	After the system configuration import, IGT reboots automatically to take the new system configuration into effect. Plan the system configuration import procedure only during the time when IGT automatic reboot is acceptable.
4	GRE Tunnel configuration on the APs require local IP configuration
5	When certain configuration changes are made under the SSID screen for an SSID with GRE tunnel enabled, the tunnel can get disabled for the SSID inadvertently. Workaround is to navigate to that page and enable it explicitly.
6	WLAN 9100 AP supports both GRE and VTUN tunnels, but IGT supports only GRE tunnels

9. Upgrade Procedure

IGT release 9.1.1 follows the Identity Engines VM replacement process:

- Take a backup of the System Configuration from your current IGT 9.1.0
- Take a backup of the Tunnel Configuration from your current IGT 9.1.0
- Shutdown IGT 9.1.0 VM
- Deploy a fresh new VM 9.1.1
 - Perform a configuration restore of the System Configuration file
 - Perform a configuration restore of the Tunnel Configuration file
 - Take a backup of the System Configuration from the new IGT 9.1.1
 - Take a backup of the Tunnel Configuration from the new IGT 9.1.1

10. Licensing Information

For each Quantity=1 of IGT 9.1.0 or IGT 9.1.1 you have purchased you may deploy as follows:

- Up to 1 instance of IGT 9.1.1 Virtual Appliance deployed in conjunction with up to 300 x WLAN 9100 APs

OR

- Up to 4 instances of IGT 9.1.1 Virtual Appliance deployed each in conjunction with up to 75 x WLAN 9100 APs

11. Documentation

For latest documentation please download the product documentation available from the Avaya Technical Support web site at: <https://support.avaya.com>.

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