

# Avaya Identity Engines Ignition Guest Tunneling Release Notes Software Release 9.1.0

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## 1. Release Summary

Document Version: 01.01  
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 Purpose: Ignition Guest Tunneling (IGT) software release to introduce the guest isolation feature for Wireless LAN 9100 solution.

Release Notes Revisions	Description	Comments
0.9	Initial release of Release Notes for IGT 9.1.0	
01.01	First published revision of Release Notes for IGT 9.1.0	

## 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 9.1.0:  
 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 9.1.0

File Name	Module or File Type	Comments
AIGT_RHEL_6_5_LINUX-VM_09_01_00_028643_x86_64.ova	Ignition Guest Tunneling OVA files for VMware ESXi vSphere 5.1 and 5.5 environments	Ignition Guest Tunneling release 9.1.0. This file is used for fresh VM install.

## 6. Compatibility

Ignition Guest Tunneling is a new product release and hence no backward compatibility requirements exist.

Software	Software Compatibility	Comments
Ignition Guest Tunneling Release 9.1.0	<ul style="list-style-type: none"> <li>VMware ESXi versions 5.1 or 5.5</li> <li>Installation on a VMware ESXi server is done using an OVA file which already incorporates the OS Red Hat Enterprise Linux.</li> </ul>	<ul style="list-style-type: none"> <li>The VM requires a x86_64 capable environment</li> <li>Minimum 2 Dual-core CPUs</li> <li>Minimum 4GB memory</li> <li>Minimum 20GB available disk storage (VMware thin provisioning is allowed)</li> <li>Minimum 1 physical NIC (preferably 3 NICs. Management, IN and OUT)</li> <li>See <a href="https://www.vmware.com/">https://www.vmware.com/</a> for a list of supported hardware platforms for VMware ESXi.</li> </ul>

The Ignition Guest Tunneling 9.1 release is compatible with WLAN 9100 7.2.8 release.

## 7. Version of Previous Releases

N/A

## 8. Release details

### 8.1 New features in this Release

- Ignition Guest Tunneling supports Transport Ethernet Bridging (TEB) payload type. This allows the WLAN 9100 AP to transport the entire Layer 2 packets of the wireless clients over the GRE tunnel, including multicast and broadcast packets.

- Ignition Guest Tunneling supports the Maximum Segment Size (MSS) clamping feature for all TCP connections

## 8.2 Customer found issues resolved in this release

Task ID	Description
JUPITER-867	Unexpected jumbo packet issue in Outbound bridge
JUPITER-1461	Traffic leakage into management network under heavy traffic between Inbound and Outbound bridge

## 8.3 Outstanding issues

None

## 8.4 Known limitations

No.	Description
1	NIC Teaming Support - 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 VMWare ESXi physical ports are connected should have the connected ports configured with MLT (Multi-link trunking).
2	In this release IGT supports up to 75 GRE tunnels
3	IGT "System Backup" does not contain the tunnel configuration. Hence, backup of both system and tunnel configuration is required while migrating to a new IGT VM.
4	The system configuration import requires automatic IGT reboot to take the new system configuration.
5	GRE tunnel configuration on the AP requires local IP configuration
6	WLAN 9100 built-in Captive Portal is not supported when it is used with Ignition Guest Tunneling. Workaround is to use IDE Access Portal.
7	When configuration changes are made in WLAN 9100 "SSID" menu to enable SSID with GRE tunnel, the tunnel is disabled for that SSID inadvertently. Customer shall re-enable the SSID and GRE tunnel.
8	IGT is designed to support only GRE tunnel from AP9100. WLAN 9100 AP VTUN is not supported by IGT.
9	Session time expires for every 30 min irrespective of whether page is in use or not.
10	After web session time out the user is able to perform add or delete action once before being prompted to login page.

## 9. Upgrade Procedure

N/A

Ignition Guest Tunneling is a new software release. There is no upgrade path from prior release.

## 10. 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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