

# Oracle® Communications IP Service Activator

Release Notes

Release 7.4

**E88211-01**

December 2017

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This document provides release notes for Oracle Communications IP Service Activator release 7.4 and includes the following:

- [New Features](#)
- [Fixes in This Release](#)
- [Known Problems](#)
- [Deprecated and Removed Features](#)

## New Features

The new features in this release of IP Service Activator are:

- [Cisco iOS L2 MPLS VPN Cartridge](#)
- [YANG Device Configuration Model On-Boarding for Service Configuration Control](#)
- [Register NFV Orchestration VNFs with IP Service Activator](#)
- [Configuration Management Integrated into IP Service Activator](#)
- [RESTful API to Provision Customer-Defined Services](#)
- [Updated Version of CORBA omniORB](#)
- [Platform Upgrade](#)

### Cisco iOS L2 MPLS VPN Cartridge

IP Service Activator includes a comprehensive L2 MPLS VPN cartridge for Cisco devices running on iOS. IP Service Activator now supports Virtual Private LAN Service (VPLS) (LDP and BGP-based) and point-to-point Virtual Leased Line (VLL) on Cisco devices running iOS.

### YANG Device Configuration Model On-Boarding for Service Configuration Control

IP Service Activator includes a YANG import tool that enables you to import configuration policies that use a device-specific YANG model. The IP Service Activator YANG import tool parses the YANG model and requires no coding in IP Service Activator.

## Register NFV Orchestration VNFs with IP Service Activator

IP Service Activator includes a VNF interfacing capability that enables you to manage Virtual Network Functions (VNFs) lifecycles.

IP Service Activator provides a RESTful API for registering a newly instantiated VNF and unregistering a terminated VNF. This API is called by Oracle Communications NFV Orchestration for registering and unregistering VNFs with IP Service Activator.

## Configuration Management Integrated into IP Service Activator

Configuration Management is now integrated into IP Service Activator. All the key functionalities of Configuration Management are now part of IP Service Activator, which provides unified operations and views. This integration enables service providers to control and protect their core and edge IP/Ethernet network configurations through IP Service Activator.

## RESTful API to Provision Customer-Defined Services

IP Service Activator provides a RESTful API that enables you to provision customer-defined services. This RESTful API combines a REST architecture with JMS notifications to integrate IP Service Activator with Oracle Communications Order and Service Management (OSM) (or any third-party software solution) and to enable OSM to manage service activation transactions. See *IP Activator API Developer's Guide* for more information.

## Updated Version of CORBA omniORB

IP Service Activator 7.4 requires omniORB 4.2.1 on Solaris, Linux, and Windows platforms to provide CORBA ORB services.

## Platform Upgrade

IP Service Activator 7.4 supports the following Oracle Fusion Middleware and Oracle Database software versions:

- Oracle Fusion Middleware 12c (12.2.1.3.0)
- Oracle Database Enterprise Edition 12c Release 2 (12.2)

## Fixes in This Release

IP Service Activator 7.4 include all fixes up to and including release 7.3.4.5.0 and 7.3.0.1.6.

## Known Problems

IP Service Activator 7.4 no longer supports the Brocade IronWare cartridges and InfoVista Integration module; however, you may notice a few references to Brocade and InfoVista in the IP Service Activator Help. You can ignore these references.

## Deprecated and Removed Features

- IP Service Activator 7.4 discontinues support for the following cartridges and modules:

- Brocade IronWare L3 VPN cartridge
  - Brocade IronWare QoS cartridge
  - Brocade IronWare VLAN cartridge
  - Brocade IronWare VLL cartridge
  - Brocade IronWare VPLS cartridge
  - InfoVista Integration module
  - Micromuse Netcool Omnibus module
- The *IP Service Activator Brocade IronWare Cartridge Guide* has been removed from the IP Service Activator documentation set.

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