

# HPE AND INDIQUS

HPE servers and apiculus

**Working together. Accelerating results.**



## **A NEW STYLE OF PARTNERING**

Hewlett Packard Enterprise and IndiQus are collaborating in a fresh new way to bring increased value to customers like you.

We know that acquiring technology is only the first step in achieving a business goal. The technology pieces need to work together. They need to be tested. They need to provide rich functionality, quickly and effectively, so you can concentrate on your business needs.

To help satisfy these needs, IndiQus is a member of the HPE Partner Ready for Technology Partner program, an industry-leading approach to supply sophisticated integrated technologies in a simple, confident, and efficient manner.

IndiQus has access to the right tools, processes, and resources to help our joint

customers accelerate innovation and transformation that brings value, achieves business needs, and increases revenue and market share.

### **Product overviews**

**apiculus Cloud Management Software** is a multicloud multiservice monetization and management platform for telcos and service providers who wish to operate an in-country public cloud. It is ideally suited for small to medium cloud service providers who wish to operate a high-performant cloud business.

apiculus® enables telcos, data centers, managed service providers and small to medium cloud service providers to successfully operate a cloud business by acting as an integrated BSS/OSS platform. For the end customer, apiculus is a complete cloud management platform that enables them to set up a complete enterprise-grade cloud and manage their virtual infrastructure and IT needs from a single pane of glass.

Compatible with Apache CloudStack (or any other cloud orchestrator), apiculus facilitates infrastructure management by combining a powerful cloud billing engine, ticketing/ITSM, and support for third-party applications and services. An integrated reseller module along with a rebrandable and intuitive user interface helps apiculus drive a 360° online customer engagement for service providers.

<sup>1</sup> Based on external firm conducting cybersecurity penetration testing of a range of server products from a range of manufacturers, May 2017.

<sup>2</sup> HPE measurements: Up to 61% performance increase of Intel® Xeon® Platinum versus previous generation E5-4600 v4 average gains of STREAM, LINPACK, SPEC CPU 2006, and SPEC CPU 2017 metrics on HPE servers comparing 4-socket Intel Xeon Platinum 8280 to E5-4699 v4 family processors. Any difference in system hardware or software design or configuration may affect actual performance (April 2019). Up to 27% performance increase of Intel Xeon Platinum versus previous generation comparing 4-socket Intel Xeon Platinum 8280 (28 cores) to E5-4669 v4 (22 cores). Calculation 28 cores/22 cores = 1.27 = 27%, April 2019.

<sup>3</sup> TPC-C Benchmark Throughput with Checkpoint (trans/sec). Calculated Time to Checkpoint and Restore a Docker Container running MySQL; compare HPE Persistent Memory versus SSD, November 2018.

<sup>4</sup> Percentage compare Gen10 versus. Gen9: Gen10 = 12 channels x 2933 data rate x 8 bytes = 281 GB/s. Gen9 = 8 channels x 2400 x 8 bytes = 154 GB/s. 281/154 = 1.82 or Gen10 has 82% greater bandwidth. Any difference in system hardware or software design or configuration may affect actual performance, April 2019.

### HPE ProLiant DL servers

The HPE ProLiant DL family of servers are the most secure industry-standard servers.<sup>1</sup> HPE continues to provide industry-leading compute innovations. The new HPE ProLiant Gen10 rack portfolio, with flexible choices and versatile design, along with improved energy efficiencies, ultimately lowers TCO. Integrated with a simplified but comprehensive management suite and industry-leading support, the HPE ProLiant Gen10 rack server portfolio delivers a more reliable, fast, and safe infrastructure solution, helps increase IT staff productivity, and accelerates service delivery. In addition, the rack portfolio is performance-enhanced for multi-application workloads to significantly increase the speed of IT operations and enable IT to respond to business needs of any size, faster.

The HPE ProLiant Gen10 rack server portfolio delivers:

- Up to 61% performance increase and 27% increase in core with the Intel® Xeon® Scalable processors<sup>2</sup>
- Up to 27x faster checkpoint operations enabling significantly faster business operations<sup>3</sup>
- 82% greater memory bandwidth increasing application performance for memory-intensive applications<sup>4</sup>

IndiQus has expertise in deploying and running public clouds globally and works with service providers in emerging markets to help them build a profitable cloud business with minimal up-front investment and high profitability. Providing a 360° solution covering software, professional services, and business consulting, IndiQus enables service providers to build and operate a local cloud business. Their proprietary application, apiculus, gives customers the ability to offer a self-service experience to end customers like the larger hyper-scale public cloud providers. With enterprise customers, we work toward making their IT infrastructure cloud-enabled, making it easier to scale, manage, and more cost-effective.

### About HPE

HPE is the edge-to-cloud platform as-a-service company that helps organizations accelerate outcomes by unlocking value from all of their data, everywhere. Built on decades of reimagining the future and innovating to advance the way people live and work, HPE delivers unique, open, and intelligent technology solutions, with a consistent experience across all clouds and edges, to help customers develop new business models, engage in new ways, and increase operational performance.

## Our solution partner



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## COMPANY OVERVIEW

### About IndiQus

IndiQus Technologies is a fast-growing cloud solutions company that works with service providers (telcos, ISPs, and data center providers) globally and enables them to build a profitable in-country cloud business.

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