Dedicated Cloud Infrastructure and Services

AN IDC CONTINUOUS INTELLIGENCE SERVICE

The shift to cloud-based IT plays an increasingly important role in the infrastructure market as a driver of innovation, a source of new capabilities, and a consumer of IT hardware and software. Enterprise private clouds remain critical parts of IT organizations' datacenter modernization plans, but they want to address shortcomings such as inconsistency in configuration, inflexible deployment options, and limited usefulness as a platform for innovation that undercut initial private cloud investments. A new generation of private cloud options that address these issues will be the key drivers of future private cloud market growth. IDC's *Dedicated Cloud Infrastructure and Services* program will provide a single/cross-discipline perspective on all things related to private cloud, including a standard taxonomy, a whole private cloud forecast, competitive analysis, and a survey-based analysis of emerging private cloud use cases.

Markets and Subjects Analyzed

- Spending on server, storage, network hardware/software, and deployment/support services by builders of enterprise and hosted private clouds
- Assessment of new hardware/software-defined bundling solutions that enables faster delivery of more standard private clouds
- Analysis of new subscription-based local cloud–as-a-service (LCaaS) offerings and their impact on existing private cloud offerings
- Role of next-generation private cloud solutions in enabling delivery of digital services to edge locations

Core Research

- Private Cloud Taxonomy
- Private Cloud Market Glance
- Whole Private Cloud Forecast: Infrastructure and Service Spending
- Private Cloud Adoption and Upgrade Plans: User Survey
- Private Cloud Hardware/Software Competitive Analysis
- Local Cloud as a Service Market Forecast

In addition to the insight provided in this service, IDC may conduct research on specific topics or emerging market segments via research offerings that require additional IDC funding and client investment. To learn more about the analysts and published research, please visit: Dedicated Cloud Infrastructure and Services.

Key Questions Answered

1. What will enterprises spend on hardware, software, and services to build/operate their own private clouds versus spend on hosted private cloud and LCaaS subscriptions?
2. What will cloud SPs spend on hardware, software, and services to deliver hosted private clouds and LCaaS solutions?
3. What role will colocation and managed services providers play in extending the reach of hosted private cloud and LCaaS solutions?
4. How quickly will cloud-native services such as containers, serverless computing, and accelerated computing be incorporated into private cloud solutions?

Companies Analyzed

This service reviews the strategies, market positioning, and future direction of several providers in the cloud infrastructure and services market, including:

Alibaba Cloud, Amazon.com Inc., AMD, Atos, BT Group PLC, Cisco Systems, CoreSite, Dell Technologies, Digital Realty, DXC, Equinix, F5 Networks, Flexential, Fujitsu Ltd., Google Inc., Hewlett Packard Enterprise, Hitachi Vantara, Huawei, IBM, Inspur, Iron Mountain, Juniper Networks, Lenovo, Lumen Technologies, Microsoft Corp., NetApp Inc., NETSCOUT Systems Inc., NTT DATA, Nutanix, NVIDIA, Oracle Corp., Orange Business Services, OVH, Pivot3, Pure Storage, Rackspace Hosting Inc., Red Hat Inc., Telstra Corp. Ltd., Time Warner Inc., Veritas AG, VMware Inc., and Zayo Group Holdings.