

IBM QuickStart Services for IBM SmartCloud Provisioning

IBM SmartCloud Provisioning

This offering helps you to quickly install IBM SmartCloud Provisioning, a true infrastructure-as-a-service solution, reduces costs and offers near-zero downtime and automated recovery.

Challenges

- *How can I achieve agile service delivery that caters to changing business needs?*
- *We know virtualization helps reduce capital expense but how do I control my operational cost?*
- *How can I improve responsiveness and drive productivity and efficiency while maintaining stringent qualities of service?*
- *How can I improve my resource utilization, simplify administration and reduce cost?*
- *How can I accelerate my application release cycle in an optimized fashion and in a quality fashion?*
- *How can I increase the performance, utilization, reliability and scalability of IT resources while reducing IT complexity?*
- *How can I gradually expand capabilities to meet my growing business and technology needs?*

Benefits

- **Rapid scalable deployment** designed to meet business growth with near-instant deployment of 100s of virtual machines
- **Reliable, non-stop cloud** capable of automatically tolerating and recovering from software and hardware failures
- **Save IT labor resources at scale** by enabling self-service request and highly automated operations
- **Reduce complexity** through ease of use and improve time to value
- **Control image sprawl and reduce business risk** through rich analytics, image versioning and federated image library features

Deliverables

It's fast:

- Can start 100 VMs in under 3 mins
- Can start a single VM and load OS in under 10 seconds
- Can go from bare metal to ready for work in under 5 minutes
- **It scales** up to and beyond 50,000 VMs in an hour (50 nodes)
- Add capacity by simply plugging in a blade or server
- Writes only the data you change
- Peer-peer architecture to avoid traditional bottlenecks

It's fault-tolerant:

- "Live Update" capability to patch or upgrade the Cloud
- No single point of failure
- Automatic failure recovery

Duration – 9.5 days

Contact Information

You may contact your IBM Account Manager or Tivoli Services Sales Representative or visit web site: ibm.com/software/tivoli/services/consulting