

Disaster Recovery Services

Making sure your mission-critical environments are always available

Most organizations' core processes are now totally dependent on the availability of information and that means always being able to access your IT infrastructure. With this increased reliance, information technology risk management has become increasingly complex.

Natural disasters, equipment failures and error-induced process interruptions have historically been the primary threats to infrastructure stability. Now, these threats are overshadowed by those originating from malicious intent and overloads on the global infrastructure. These threats to infrastructure stability, together with competitive pressures and market demands, have emphasized the need for effective and thorough risk-based continuity planning because in most cases, when the information flow stops, so does business.

Many companies find themselves coming up short in disaster recovery (DR) planning despite their increased dependence on IT systems. Businesses typically agree that they want a disaster recovery solution, but become daunted by the high cost to setup and maintain an always-ready disaster recovery site. The complexities and costs of a disaster recovery solution have caused businesses to cut corners or risk no planning at all.

A Customized Solution

The first step towards providing a DR solution is to conduct a Disaster Recovery Assessment in order to understand your business, the topology of your infrastructure and the criticality of the associated processes, applications and systems. Then, we tailor our solution to your particular situation.

Many factors can influence the scope of a disaster recovery solution. Business hours, availability needs, e-commerce strategies, data criticality, regulatory implications and many other issues must be considered during the assessment and recommendation process. Depending on the complexity of your environments and the scope of the engagement, our studies can take anywhere from two days to two weeks. But in the event the worst happens, it's time well spent.

Once the assessment is complete, we work with our various teams to compile our findings and generate applicable recommendations.

OneNeck® IT Solutions addresses the following audit areas during our disaster recovery assessment:

Facilities

- Security
- Monitoring
- Power
- Environments

Network Management

Systems

- Hardware configuration, capacity and utilization
- System software
- Monitoring

Back-up Strategy

Applications and Databases

- Business criticality review
- Cost of downtime review

Downtime Analysis

Risk Analysis

IT Policy and Procedure Review

- Operations procedure review
- Configuration management review
- Inventory management review



We provide a superior disaster recovery solution to meet critical RTO and RPO requirements. Thanks to the advent of cloud computing, we deliver a secure, reliable environment maintained by a 24/7 on-site team.



Following the completion of the business criticality and infrastructure analysis, OneNeck will deliver a custom Disaster Recovery Analysis Report and provide a complete risk assessment of your environment.

The report also includes options and recommendations for mitigating the risks. Typical report content includes:

- Infrastructure Component Assessment
- Application Business Criticality Assessment
- Risk Assessment
- Downtime Assessment
- Cost of Downtime Assessment
- Disaster Recovery Recommendations and Options

Saved by the Cloud

In the past, disaster recovery plans were time consuming to create and expensive to execute. The production infrastructure that was defined as mission-critical essentially had to be replicated in the disaster recovery site. This duplication involved a second set of servers, network equipment and expensive replication software to maintain reasonable RTO (Recovery Time Objectives) and RPO (Recovery Point Objectives). To add to the financial sting, this solution also meant a lot of wasted server and network infrastructure resources sitting idle until needed.

OneNeck provides a better solution to meet critical RTO and RPO requirements. Thanks to the advent of cloud computing there's a whole new platform for disaster recovery: cloud recovery.

Cloud recovery leverages the elasticity of the cloud to deliver cost-effective disaster recovery solutions. No longer do you need to invest in or manage a dedicated server and hardware for a disaster recovery site. Cloud infrastructure inherently enables easy and frequent data replication between sites and systems – another key component to maintaining data integrity and reducing RTO and RPO times. Because the cloud resources are pooled, the costs to deliver cloud recovery solutions to businesses are a fraction of the cost associated with a traditional disaster recovery environment.

OneNeck hosts and manages its cloud recovery infrastructure in its state-of-the-art data centers throughout the Midwestern and Southwestern United States. These data centers, developed from industry best practices, allow many of our customers to leverage a disaster recovery facility that would otherwise be inaccessible. In addition, OneNeck completes stringent and comprehensive third-party examinations for the new SSAE 16 standard. The OneNeck data centers provide a secure, reliable environment for the cloud recovery infrastructure maintained by a 24/7 on-site team.

By leveraging OneNeck's cloud architecture and skilled experts, you have the comfort of knowing your disaster recovery operations are safe and available 24/7. During a disaster recovery event, the cloud recovery systems are backed by the same production hosting guarantee offered by OneNeck IT Solutions – 99.9% availability.

By providing rapid access to dynamically scalable and virtualized IT resources, companies can be more responsive to potential disruptions and data loss. Virtualization technologies combined with new cloud management techniques enable an "anywhere, anytime" approach for IT services. Cloud computing can provide a higher-quality, more efficient infrastructure while simultaneously providing significant cost savings. Whether your existing production infrastructure is physical, virtual or in the cloud today, a cloud recovery solution could be an excellent way to execute your organization's disaster recovery requirements.

About OneNeck® IT Solutions

OneNeck IT Solutions LLC offers hybrid IT solutions including cloud and hosting solutions, managed services, enterprise application management, advanced IT services, IT hardware and top-tier data centers in Arizona, Colorado, Iowa, Minnesota, New Jersey, Oregon and Wisconsin. OneNeck's team of technology professionals manage secure, world-class, hybrid IT infrastructures and applications for businesses around the country. Visit oneneck.com.

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