

Implement Cyber and Disaster Recovery

VCF Professional Services

At a glance

Implement a cyber and disaster recovery solution for protection and recovery of your workloads on VMware Cloud Foundation® (VCF).

Key benefits

- Implement a recovery solution quickly and efficiently
- Meet your RPO, RTO, and network security goals faster
- Operate and manage your solution at scale
- Reduce risk and complexity
- Minimize disruption to existing operations
- Free up your IT staff to work on business-critical tasks

In today's threat landscape, the question isn't *if* an outage will occur, but *when*. Whether triggered by a cyberattack, a natural disaster, or a localized operational failure, the cost of downtime is measured in lost revenue and eroded trust.

While an automated cyber and disaster recovery solution is the frontline of defense, many organizations lack the specialized technical expertise and internal bandwidth to implement, operate and manage an end-to-end solution. Our VMware Pro Cloud Services™ bridge that gap. From proactive ransomware protection to seamless disaster recovery, our services can fast-track your path to cyber and data resilience.

Service overview

VCF Professional Services can help you implement ransomware protection and recovery and/or disaster recovery for your business-critical workloads on VCF. Delivered by VMware technology experts, we leverage reference architectures to provide a standardized, prescriptive, and low risk approach to implementation.

Discover and analyze the environment

We start by discovering and analyzing the environment to be protected. This includes gathering information on virtual workloads, applications, and virtual infrastructure. We evaluate packet flow between workloads in the environment to be protected. Based on packet flow we determine dependencies within each application and between applications.

Design and deploy the solution

From the discovered information, we define protection groups and create a recovery plan. We configure replication timing and snapshot frequency to match your identified recovery point objective (RPO) and recover time objective (RTO) goals. We configure the disk image snapshot frequency as well as snapshot retention duration.

Learn more

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We then design, deploy, and configure the solution at both the protected site and clean room/recovery site. If you are implementing ransomware protection and recovery, we also deploy network security at both the protected site and clean room. We design, deploy and configure a security service platform to host advanced security services. We implement micro-segmentation, securing infrastructure and ring-fencing applications to contain an attack and prevent lateral spread. We also design and implement threat detection and prevention capabilities across your VCF environment.

Validate the solution

We validate the recovery/failover workflow to verify the solution works as intended. Specifically for cyber recovery, we also verify VM data integrity.

Empower your team

To help you operate and manage your solution, we provide standard operating procedures and knowledge transfer for both recovery and maintenance operations. This enables your team to maintain operational consistency and long-term self-sufficiency.

Benefits

VCF Professional Services can help you fast-track your cyber and data resilience. We can implement ransomware protection and recovery and/or disaster recovery solutions that accelerate your time to protection. We use a proven, scalable, and repeatable methodology to help ensure quick and consistent implementation. From design, deployment, and validation to operational guidance, we can help you implement and start managing your solution faster and more efficiently.