

Anvil! DR Host

Overview

Protect your business operations with next-level data protection and disaster recovery. The Anvil! DR Host is an extension of Alteeve's **Intelligent Availability™** technology and is fully integrated into our IA software stack. This versatile system can be configured to ensure that your DR capabilities match your unique business continuity requirements.

Below is a summary of the Anvil! DR Host feature set.

Full Integration: Alteeve Anvil! DR Host is fully integrated into the Anvil! *Intelligent Availability™* software stack.

Continuous Monitoring: Scancore is constantly monitoring the Anvil! DR host 24x7 and will send out alerts if the system status moves outside of operational norms.

Direct Support Access: Clients deal directly with Alteeve and our Anvil! application specialists. No 3rd party dependencies.

Locate Anywhere: Anvil! DR Host can be located on-prem, on-campus, in a dedicated DC or in the Cloud.

Granular Flexibility: DR targets can be selected per individual VM and the DR architecture can support any number of Anvil! DR Host configurations;

- Single Anvil! to single DR Host,
- Multiple Anvils to a single DR Host
- Single Anvil! to multiple DR Hosts and
- Multiple Anvils to multiple DR hosts

Agentless: Replication and management does not require the installation of software agents on the VMs being protected.

Replication Methods: The Anvil! DR Host supports multiple replication methods: automated, scheduled, snapshots and manual replication as required. Replication can be paused and resumed at any time.

Replication Modes - There are two modes of data replication to the DR host:

- **Synchronous Replication** - Real time data replication from the Anvil! to the DR Host. The data is written to the Anvil! DR Host storage as it is written to the Anvil! storage system. The Anvil! waits for a write acknowledgment from the Anvil! DR Host before continuing with the next execution. Provides up to the last write synchronization.
- **Asynchronous Replication** - Once data is received at the transmit buffer the Anvil! will continue with the next execution - Ideal for replication across distances or across networks with limited bandwidth.
Extended Buffering - Extended buffer size of up to 1GB. Ideal for networks with longer latency and/or slower connections.

SnapShots: Create a catalogue of multiple point-in-time VM images.

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Data Compression: Optionally the Anvil! DR Host can be configured to compress and decompress the data it forwards when the bandwidth of the network link is the limiting factor.

DR Recovery: There are various recovery methods from full Anvil! DR Host recovery to per VM recovery and snapshot recovery.

- **DR Host Failover:** Rapid, full system recovery for when the entire Anvil! is taken offline.
- **Per VM Failover:** Disaster recovery services can be launched as needed on a per-VM basis. Only those production VMs that are affected need be recovered while unaffected VMs can continue to operate in the production environment.
- **Snapshot Recovery:** With Snapshots multiple, per VM recovery points are available. This can be invaluable for recovery from malware attacks such as cryptolock events.

Easy Failback: Easy and seamless failback from DR VMs to production VMs.