**INFRASCALE BACKUP & DISASTER RECOVERY (IBDR)**

Eliminate downtime & data loss during disasters. Start recovery in minutes.

Backup and recover your data, as well as the critical business processes that manage your data, by spinning up virtual machines or physical servers – locally or in the cloud.

### Why do you need disaster recovery?

Whether server crash, human error, malicious activity (such as ransomware), or natural disaster, a localized or site-wide incident means unplanned downtime – downtime that comes with a price! Offsite data backup is simply not enough – data does not operate by itself. To keep your business running, the critical servers and business processes that manage your data must also be recovered.

### Protection for:

- VMware vSphere ESXi™
- Microsoft® Hyper-V™
- Windows® Server
- Microsoft SQL Server®
- Microsoft Exchange®

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## Features & Benefits

<table>
<thead>
<tr>
<th>Backup &amp; Recover Locally</th>
<th>Recover/Spin Up in the Cloud</th>
<th>Management Simplified &amp; Right-sized to your Goals</th>
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<tbody>
<tr>
<td><strong>Critical Server Insurance</strong></td>
<td><strong>Dedicated Cloud Resources</strong>&lt;sup&gt;*&lt;/sup&gt;</td>
<td><strong>Centralized Deployment</strong></td>
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<td>Protect physical &amp; virtual machines — VMware, Hyper-V, Linux, Windows; Image-based as well as file-and-folder options for backup</td>
<td>No sharing – compute &amp; storage dedicated to your critical recovered data/workloads</td>
<td>Deploy, configure, &amp; manage directly from the Infrascale Dashboard; Agentless, native support for VMware and Hyper-V VM discovery and policy control</td>
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<td><strong>Ransomware Mitigation</strong></td>
<td><strong>Drag and Drop DR Runbook Orchestration</strong>&lt;sup&gt;*&lt;/sup&gt;</td>
<td><strong>Your Data, Your Recovery Objectives</strong></td>
</tr>
<tr>
<td>Quickly restore clean versions of files, folders, apps, or full system</td>
<td>Specify recovery order, group, and set intervals for VM spin up</td>
<td>Set backup settings/schedules; Configure recovery network</td>
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<td><strong>Boot-Ready in Minutes</strong></td>
<td><strong>Failover to the Cloud</strong>&lt;sup&gt;*&lt;/sup&gt;</td>
<td><strong>No Capital Investment</strong></td>
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<tr>
<td>Industry-leading, boot-ready time for failover. Average: 2 minutes!</td>
<td>Boot Windows server or virtual machine images in the cloud with secure RDP, VNC or web VNC access</td>
<td>Lease the appliance with no up-front CapEx. Or purchase if desired</td>
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<td><strong>True Local Disaster Recovery</strong></td>
<td><strong>Guilt-free DR Testing</strong></td>
<td><strong>All Inclusive Data Protection</strong></td>
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<td>Spin up VMs on local appliance for micro-disasters or small crashes</td>
<td>No formal declaration needed; No fees for testing; Test dependencies before a real emergency</td>
<td>Sold as aggregated component subscriptions + 1 TB storage increments – for a consistent monthly price; No fees for onboarding, initial training, or recovery</td>
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<tr>
<td><strong>Backed Up to the Cloud</strong></td>
<td><strong>Guilt-free Disasters</strong></td>
<td><strong>Flexible DR Options</strong></td>
</tr>
<tr>
<td>All local data is deduplicated and securely stored in the cloud</td>
<td>No fees to spin-up on appliance or in the cloud&lt;sup&gt;*&lt;/sup&gt;</td>
<td>IBDR-Cloud – DaaS: All features listed here; IBDR-Local – Hybrid Cloud Backup: Local spin, backup only in the cloud; Both sized for small or large environments</td>
</tr>
<tr>
<td><strong>Agentless, Native support for VMware and Hyper-V</strong></td>
<td><strong>Automated Failback</strong></td>
<td><strong>Use Existing Hardware</strong></td>
</tr>
<tr>
<td>Easy to deploy machine discovery and policy control is faster than touching each system with an agent</td>
<td>When the disaster is over restore back to original with ease</td>
<td>Leverage existing data center &amp; resources. IBDR available as software only.</td>
</tr>
</tbody>
</table>

<sup>*</sup> Available with IBDR-Cloud only
How Infrascale Backup & Disaster Recovery Works

IBDR solutions sold as aggregated subscriptions for a consistent monthly price

There are three components to the solution:

1. “Primary” On-Premises Cloud Failover Appliance (CFA) — either physical device or software on your own virtual machine — to live on-premises with your servers and data to be protected.

2. Infrascale Cloud storage and compute resources – target for your backup data and (for IBDR-Cloud only) the dedicated resources for spin-up/recovery instances of your servers.

3. Infrascale Dashboard – centralized management and configuration.

What Makes Infrascale Backup & Disaster Recovery Different?

- Unlimited Disaster Recovery and Failover Testing
  - No upcharge

- Satisfies the Need for Speed
  - Our patented Deduplication File System (DDFS) is fast!
  - Be boot ready in minutes!
  - Every backup looks like a full image

- Agentless, Native support for VMware and Hyper-V
  - Machine discovery and policy control are fast & easy to deploy versus agent-based solutions

- No Capital Investments Required
  - Physical on-premises appliance can be leased or purchased to fit specific financial needs

- Recovery Image Screenshot Verification
  - Test integrity of backup image files
  - See boot verification of recovery

- Unlimited Restore Points Replicated to the Cloud
  - Replicate an unlimited number of restore points – no additional fees – with IBDR Cloud

Supported Backup Targets

- VMware vSphere ESXi 5-7.0 or Windows Hyper-V 2008R2 and up
- Windows Servers 2008R2 and up
- Exchange Server 2003 and up
- SQL Server 2005 and up
- Linux Server

About Infrascale

Founded in 2011, Infrascale provides comprehensive, cloud-based data protection by delivering industry leading backup and disaster recovery solutions. Combining intelligent software with the power of the cloud, Infrascale removes the barriers and complexity of secure, offsite data storage, and standby infrastructure for real-time disaster recovery. Trusted and recommended by leading independent industry experts, Infrascale equips its customers with the confidence to handle the unexpected by providing greater availability, better security, and less downtime, when it comes to their data.

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