

# INFRASCALE CLOUD FAILOVER APPLIANCE (CFA)

Fully integrated backup, disaster recovery, and archiving for files and servers.

As the hub of the Infrascale Disaster Recovery solution, CFAs enable push-button failover for servers and VMs – locally or in the cloud – eliminating downtime and data loss when disaster strikes.

## Features & Benefits

<p><b>Local Disaster Recovery</b></p> <ul style="list-style-type: none"> <li>Spin up systems directly on the CFA</li> <li>Recovered VMs boot-ready, with VNC or RDP access, in minutes</li> <li>Powered-off machines can be backed up and recovered to production environments</li> </ul>	<p><b>Failover to the Cloud</b></p> <ul style="list-style-type: none"> <li>For recovery, choose any version of a machine's backup to be booted and run directly in the cloud</li> <li>VNC or RDP access to help businesses minimize down time</li> </ul>	<p><b>Full &amp; Granular Recovery</b></p> <ul style="list-style-type: none"> <li>Utilizes universal VSS writer support</li> <li>Capable of backing up databases like SQL, SAP, and Exchange</li> <li>Supports mailbox level recovery of Exchange Server databases</li> <li>Supports file-level recovery</li> </ul>
<p><b>Boot Ready In Minutes</b></p> <ul style="list-style-type: none"> <li>Industry-leading boot-ready time for failover</li> <li>Average recovery time: 2 min.</li> </ul>	<p><b>VMware Agentless Backup</b></p> <ul style="list-style-type: none"> <li>Supports an agentless approach to backing up and recovering VMware environments</li> </ul>	<p><b>DR Playbook Orchestration</b></p> <ul style="list-style-type: none"> <li>Specify recovery order, group, and set intervals for VM spin up</li> </ul>
<p><b>VMware, Hyper-V, and Physical Machines</b></p> <ul style="list-style-type: none"> <li>Backup physical machines and recover them to existing hypervisors, or recover VMs as physical machines</li> <li>Set policies to auto-protect newly created VMs to save time, money, and reduce risk of down time due to human error</li> </ul>	<p><b>Secure Replication</b></p> <ul style="list-style-type: none"> <li>CFA replicates backups to the Infrascale cloud or to secondary appliances using byte-level replication for maximum efficiency.</li> <li>Replication is secured with AES-256 encryption to protect data against unauthorized access during transfer</li> </ul>	<p><b>Central Deployment and Management</b></p> <ul style="list-style-type: none"> <li>For environments with greater security needs, backup settings &amp; schedules (+ recovery) can be accessed over the WAN from central management console or may be limited to LAN or VPN access</li> </ul>

## Supported Backup Targets

<p><b>vSphere ESXi</b> 5-6.7</p>	<p><b>Windows Servers</b> 2008R2 and up</p>
<p><b>Windows</b> 2008R2 and up</p>	<p><b>Exchange Server</b> 2003 and up</p>
	<p><b>SQL Server</b> 2005 and up</p>
	<p><b>Linux Server</b></p>

## Physical CFA Hardware Specifications

Model	965	1265	1550	2750	4550
Usable storage	6 TB	6 TB	12 TB / 18 TB	40 TB / 60 TB	84 TB / 126 TB
<b>ARCHITECTURE</b>					
CPU	Intel Core i5 2.8 GHz, 6 cores	Intel Core i5 2.8 GHz, 6 cores	Intel Xeon E5-1620 v4 3.5 Ghz, 4 cores	Intel Xeon E5-1650 v4 3.6 Ghz, 6 cores	Intel Xeon E5-1660 v4 3.2 Ghz, 8 cores
CPU Upgrade	N/A	N/A	Up to 18 cores @ 2.1GHz	Up to 18 cores @ 2.1GHz	Up to 18 cores @ 2.1GHz
RAM	32 GB 2666 MHz, DDR4	32 GB 2666 MHz, DDR4	64 GB 2133 MHz ECC DDR4	128 GB 2133 MHz ECC DDR4	256 GB 2133 MHz ECC DDR4
RAM Upgrade	N/A	N/A	Up to 256 GB	Up to 256 GB	N/A
SSD	256 GB	256 GB	240 GB	480 GB	960 GB
HDD	6 TB @ 7200 rpm	6 TB @ 7200 rpm	4 TB / 6 TB @ 7200 rpm	4 TB / 6 TB @ 7200 rpm	4 TB / 6 TB @ 7200 rpm
Hot-swappable HDD Bays	2 HDDs	2 HDDs	4 HDDs	12 HDDs	24 HDDs
RAID level	RAID-1	RAID-1	RAID-5	RAID-6	RAID-6
Ethernet	2 x 1 GbE, IPMI	2 x 1 GbE, IPMI	2 x 10 GbE, IPMI	2 x 10 GbE, IPMI	2 x 10 GbE, IPMI
<b>PHYSICAL SPECS</b>					
Form factor	Desktop NAS	1U	1U	2U	4U
Width x Depth x Height (in)	10 x 5.5 x 7.1	16.8 x 22.6 x 1.7	17.2 x 19.85 x 1.7	17.2 x 25.5 x 3.5	17.2 x 26 x 7
Weight (lb)	7	27	42 (without HDDs)	56 (without HDDs)	79 (without HDDs)
<b>POWER</b>					
Power supply unit	1 x 250 W	1 x 350 W	1 x 350 W	2 x 480 W	2 x 600 W <small>(1000 W @ 100-140 V, 50-60 Hz; 1280 W @ 180-240 V, 50-60 Hz)</small>
Voltage	100-240 V, 50-60 Hz	100-240 V, 50-60 Hz	100-240 V, 50-60 Hz	100-240 V, 50-60 Hz	100-240 V, 50-60 Hz

## Virtual CFA Specifications

<b>Delivery Options</b>	A downloadable VM will be provided in a preferred format in the following options: OVA, EVB, OVF Licensing flows do not change for physical versus virtual appliances.
<b>Hardware Specs</b>	We recommend the same requirements as listed above for our physical appliances.
<b>Hypervisor Support</b>	All options require hardware virtualization support VMware vSphere ESXi 5.0 - 6.7 Hyper-V 2008 R2 - 2016 (* Only 2016 supports local boot)

### About Infracale

Founded in 2011, Infracale provides comprehensive, cloud-based data protection by delivering industry leading backup and disaster recovery solutions. Combining intelligent software with the power of the cloud, Infracale removes the barriers and complexity of secure, offsite data storage, and standby infrastructure for realtime disaster recovery. Trusted and recommended by leading independent industry experts, Infracale 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.

### LOGO HERE

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