

Arcserve Advantages over Unitrends

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	arcserve®	UNITRENDS
Instant VM	Arcserve can instantly convert and boot any backup recovery point to VMWare or Hyper V. Example – 1.5TB exchange server booted in 5 min.	Unitrends requires resources to be allocated ahead of time and a restore from backup to a VM has to occur. Could take 10 or more hours to restore a 1.5TB exchange server.
Bare Metal	Arcserve also allows you to do a bare metal restore from a Instant VM or Standby VM.	Unitrends allows you to do a dissimilar bare metal from backups.
Replication	Arcserve allows multiple replication targets to our appliance or any windows 2008 or higher Server with Arcserve RPS agent.	Unitrends allows one replication destination to their appliance or UEB on target side.
Deduplication	<p>Arcserve does true Source Side Global deduplication where we compare the hash index at the source and only send unique blocks.</p> <ul style="list-style-type: none"> Arcserve recommends about 1/3 the disk space. For the same customer with 8TB of backup, Arcserve's 7100 with 3TB of backup has a suggested backup of 8TB at a cost of \$9854 with 1 year support. 	<p>Unitrends does inline deduplication where data comes across the network and gets deduplicated at their appliance.</p> <ul style="list-style-type: none"> Unitrends recommends about 1.6 times to double your data size for your appliance capacity size. So if you have 8TB of data to backup Unitrends would recommend their 823S with 18TB of available capacity at a cost of \$27,674 with 1 year support.
Performance	<p>Arcserve has typically 4GB to 8GB a min backup speeds on a single GB Ethernet link per job.</p> <ul style="list-style-type: none"> Client hash index is read first and only unique blocks requested so less demand on appliance. Can backup 100's of TB and 100's of clients on one backup server. (2500 node max). 	<p>Unitrends backup performance typically is 800mb go 2GB a min backup speeds per job.</p> <ul style="list-style-type: none"> The work is all done at appliance so it can get overloaded easily. They don't suggest having more than 50 to 75 clients per appliance or more than 50TB per appliance.
Restore Options	Arcserve has file level restore, VM restore, bare metal restore, true instant recovery of any backup, mounting of any recovery point and included exchange message level restore.	Unitrends has file level restore, VM restore, bare metal restore and instant recovery providing you allocated hardware resources and restored the backup to the standby VM and extra cost for third party exchange message level restore.
Retention	Arcserve supports GFS, so you can specify the number of daily recovery points, weekly recovery points and monthly recovery points. For example, keep 14 daily, 5 weekly's and 12 monthly recovery points.	Unitrends can set a retention range, but can purge retention if it needs workspace. For example keep at least 30 days but no more than 45 days, but could drop below 30 days if appliance needs work space.
Cloud	<p>Arcserve charges by the deduplicated amount. So if you have 10TB that gets deduplicated to 3TB you pay \$3600 a year. $3 \times \\$1200 = \\3600.</p> <ul style="list-style-type: none"> Arcserve includes support for Azure. 	<p>Unitrends charges by the source undeduplicated TB. So if you have 10TB of data you pay $\\$1200 \times 10 = \\$12,000$ a year.</p> <ul style="list-style-type: none"> Unitrends also supports Amazon S3, Google Cloud and Rackspace.