

# PURITY ACTIVECLUSTER

## AT A GLANCE

### TRUE ACTIVE/ACTIVE

multi-site design serves IO from both sites simultaneously

### ZERO RPO, ZERO RTO

possible for every organization and every workload

### PURE1™ CLOUD MEDIATOR

no need for a third site or external gateway

### BUILT IN TO PURITY//FA 5

No license – \$0

### RADICALLY SIMPLE

to configure: 4 steps, 1 new command; set up in minutes

### STORAGE EFFICIENT

features including inline compression, XCOPY, and snapshots and clones

### LIVE MIGRATION OF APPLICATION WORKLOADS

from one FlashArray to another

### HA DATA CENTER

ActiveCluster between racks

### METRO BUSINESS CONTINUITY

ActiveCluster with transparent failover across campus

### THREE DATA CENTER OPTION

via asynchronous replication to a third site anywhere

Achieve new levels of availability across your data center, metro region, or globally

Pure Storage introduces complete business continuity that requires no third site, no extra hardware, licenses, or fees, and no more than a few minutes to set up. Purity ActiveCluster is a multi-site, Active/Active stretch cluster that makes the highest levels of availability easy and affordable for everyone.

## ACTIVE/ACTIVE FOR ALL

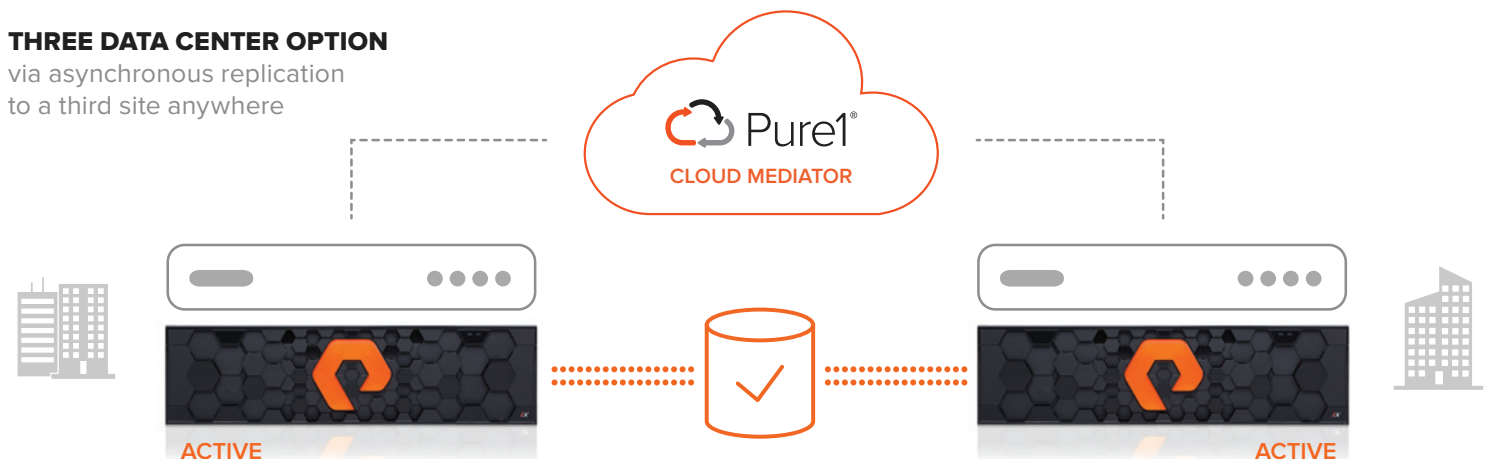
Purity ActiveCluster brings business continuity to mainstream Tier 1 deployments. Now, organizations can effortlessly enable zero RPO and zero RTO between two FlashArrays with true Active/Active synchronous replication for transparent failover. Unlike “Active/Active” solutions that are really Active/Passive at the volume level, ActiveCluster serves reads and writes on a given volume from both sites simultaneously. You don’t have to worry about the complexity of managing VM or database instance affinity to a site. Moreover, application latency is optimized with reads served locally. ActiveCluster maintains storage efficiency with inline compression on the wire and by performing XCOPY operations, ZeroSnap snapshots, and clones efficiently across arrays.

## NO THIRD SITE, NO GATEWAYS

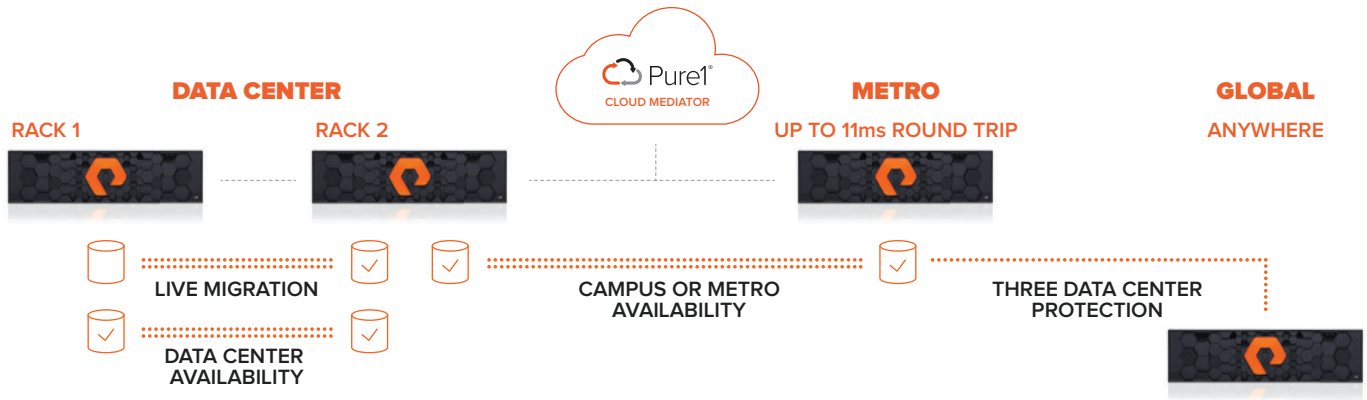
Purity ActiveCluster is built in to FlashArray, and comes with the Pure1® Cloud Mediator, a SaaS-based quorum witness, that eliminates the need for a third site. Failovers happen safely, automatically, and transparently. If an array fails, the Cloud Mediator ensures your hosts simply access data on the other array.

## AN END TO COMPLEXITY AND EXPENSE

To date, conventional synchronous replication and stretch cluster solutions have been complex and extraordinarily costly, with setups lasting days to weeks and involving hundreds of pages of manuals. License fees, external gateways, and the frequent need for outside professional services added to the pain and expense. With ActiveCluster, we’ve eliminated these headaches and delivered true business continuity for all.



# PURITY ACTIVECLUSTER IS MULTI-PURPOSE



## LIVE MIGRATION

Move workloads at will as capacity growth and performance needs require.

## DC AVAILABILITY

Achieve an even higher level of availability within the data center.

## CAMPUS OR METRO AVAILABILITY

ActiveCluster maintains uptime even if one site fails.

## 3DC PROTECTION

Available global protection with 3 data center configuration (async 3rd site).

## WE'VE MADE IT ALL EASY

### SET UP IN MINUTES

Purity ActiveCluster uses the same simple and easy storage management model as the rest of FlashArray. To enable ActiveCluster, we added just one new command. It takes only four short steps to setup: Connect the arrays, create a stretched pod, create a volume, and connect the hosts. That's it!

#### 1. CONNECT THE ARRAYS

```
> purearray connect --type sync-replication
```

#### 2. CREATE A STRETCHED POD

```
> purepod create pod1
> purepod add --array arrayB pod1
```

#### 3. CREATE A VOLUME

```
> purevol create --size 1T pod1::vol1
```

#### 4. CONNECT HOSTS

```
> purehost connect --vol pod1::vol1 host
```



### YOUR APPS STAY UP

Your mission-critical apps – like SAP, Oracle, Microsoft and SQL Server on physical or virtualized environments such as VMware or Hyper-V – deployed on Purity ActiveCluster run seamlessly even if disaster strikes.

### BULLET-PROOF AVAILABILITY EVERYWHERE

With ActiveCluster, failures and recovery are now transparent across your environment, array, data center, or network. Resync is automatic: when a link is restored, arrays automatically resynchronize using dedupe-aware async, and access to volumes is automatically restored when resync is complete.



ENVIRONMENT



ARRAY



DATA CENTER



NETWORK



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