



## **Solution architecture details**

### **NetApp Solutions**

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# Solution architecture details

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This section covers the hardware and software used for Confluent verification. This information is applicable to Confluent Platform deployment with NetApp storage. The following table covers the tested solution architecture and base components.

Solution components	Details
Confluent Kafka version 6.2	<ul style="list-style-type: none"><li>• Three zookeepers</li><li>• Five broker servers</li><li>• Five tools servers</li><li>• One Grafana</li><li>• One control center</li></ul>
Linux (ubuntu 18.04)	All servers
NetApp StorageGRID for tiered storage	<ul style="list-style-type: none"><li>• StorageGRID software</li><li>• 1 x SG1000 (load balancer)</li><li>• 4 x SGF6024</li><li>• 4 x 24 x 800 SSDs</li><li>• S3 protocol</li><li>• 4 x 100GbE (network connectivity between broker and StorageGRID instances)</li></ul>
15 Fujitsu PRIMERGY RX2540 servers	Each equipped with: <ul style="list-style-type: none"><li>* 2 CPUs, 16 physical cores total</li><li>* Intel Xeon</li><li>* 256GB physical memory</li><li>* 100GbE dual port</li></ul>

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