



Solution validation

NetApp Solutions

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Table of Contents

Solution validation 1

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The current deployment of this solution was put through two rigorous validation processes using tools provided by the Google Cloud team. These validations include a subset of the following tests:

- Partner validation of the Anthos-ready platform:
 - Confirm that all Anthos on bare metal platform services are installed and running.
 - Scale down the physical Anthos on bare metal cluster from four worker nodes to three and then back to four.
 - Create and delete a custom namespace.
 - Create a deployment of the Nginx web server, scaling that deployment by increasing the number of replicas.
 - Create an ingress for the Nginx application and verify connectivity by curling the index.html.
 - Successfully clean up all test suite activities and return the cluster to a pretest state.
- Partner validation of Anthos-ready storage:
 - Create a deployment with a persistent volume claim.
 - Use NetApp Trident to provision and attach the requested persistent volume from NetApp ONTAP.
 - Validate the detach and reattach capability of persistent volumes.
 - Validate multi-attach read-only access of persistent volumes from other pods on the node.
 - Validate the offline volume resize operation.
 - Verify that the persistent volume survives a cluster-scaling operation.

Next: [Conclusion](#).

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