



CITY OF WAUKESHA

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Committee: Information Technology Board	Date: 2022-01-03
Common Council Item Number: 21-3298	Date: 2022-01-05
Submitted By: Chris Pofahl	City Administrator Approval: Rebecca Pederson
Finance Department Review: Bridget M. Souffrant	City Attorney's Office Review: Brian Running
Subject: 2022 CIP Backup Replacement Project	

Details:
There is an approved 2022 Community Investment Program (CIP) project to replace the current backup system. The current solution needs a hardware refresh, mostly because we do not have good drivers available for the hardware in VMware, and we need more storage to meet our retention requirements. Additionally, because we have not been using the vendor's hardware, so vendor support is difficult to get when we have problems, which is frequent. One major issue we have with the current vendor is anytime a backup job crashes or hangs, we must scrap all current backups and start fresh. This has happened 5 times in the past year. The IT department has been reviewing different solutions and has found that Cohesity fits our needs the best and has the lowest cost. Cohesity is an on-premises system, and will have 150TB of storage, which is enough for 30 days of backups. A copy of each back will be replicated to Azure storage where we will have enough storage for to meet our retention needs.

Options & Alternatives:

Financial Remarks:
This project was approved as part of the CIP budget process under account 1917.68160.81204. The total year one costs are \$62,331.00. Annual maintenance plus cloud storage for year two and beyond is \$33,731.00. Below is a cost comparison of the systems we looked at, and the archive solutions. The Cohesity + Azure was the lowest cost solution. The current annual maintenance for the backup software \$3,275.00. Three years of annual support for the hardware was included with the purchase of the hardware, so the total annual operational increase starting in 2023 will be \$30,456.00. Attached is a spreadsheet showing the 3 of the solutions that were explored.



Executive Recommendation:

Approve Cohesity as the backup solution contingent on contract review by Brian Running