

## Information Technology

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To: Information Technology Board From: Chris Pofahl, IT Director Subject: IT Directors Report

**Cloud Strategy:** A little over a year ago I put together a cloud strategy, the following items are related to that strategy.

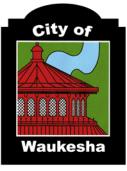
- **Azure Infrastructure:** The IT department has Azure VPN Gateway setup, and is starting to setup the ADFS infrastructure. Part of the setup also includes having a full Domain Controller in Azure as well. We are targeting a migration on-premise ADFS in June.
- Azure Active Directory: We now have four cloud based applications that are using Azure Active Directory for authentication: NeoGov, Adobe, Pluralsight, and KnowBe4. Azure AD integration eliminates the need for users to have to have a separate username and password for cloud applications. The next step will be to start moving towards Azure Active Directory Seamless Single Sign-On. Azure AD Seamless SSO recognizes when devices are corporate owned, or the user is on the corporate network and automatically signs the user in without having to type the password.

**SAN Storage:** The Nimble SAN is coming to its end of life (Head unit in 2019, and Shelves in 2020). IT has reevaluated storage needs and is moving to a tiered storage strategy. The tiers are Tier 1: Infrastructure, Tier 2: Video, and Tier 3: Archival. By moving to different tiers of storage we will be able to save costs and add capacity.

- 1. Tier 1: Hyper-Converged
- 2. Tier 2: NAS or Non-flash based SAN
- 3. Tier 3: Cloud

**Converged Infrastructure**: IT started migrating servers from our traditional Server/SAN infrastructure to our Hyper-Converged infrastructure. The migration includes moving servers to the new server VLAN and firewalling the servers.

**Smart Cities Conference:** The week of May 8<sup>th</sup> I will be attending the SmartCitiesNYC conference in New York with Kevin Lahner (City Administrator), and Jennifer Andrews (Director of Community Development).



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