

Chad Crowell

IT Consultant | Specialist in System Administration

chadmcrowell@gmail.com

Summary

Over 10 years of IT experience. Strong background in system administration, SAN/NAS, backup technologies, networking, server infrastructure, and multi-site architecture. Physical and Virtual infrastructure including VMware, Hyper-V and Citrix Xen.

Experience

Data Management Consultant at Entelligence

April 2014 - Present (3 years)

Customer facing IT Consultant, adding value to over 20 SMEs in applying technology to business needs.

- Working in healthcare backing up medical images to archive, saving over 100,000/year in OpEx
- Data protection in the military sector, encryption and compression saving thousands of dollars and countless hours in manual labor.
- Retail industry spanning the globe, using low latency WAN for replication of data. Object based storage model with OpenStack and StorageGRID.

IT Engineer at Entre Computer Services

January 2014 - April 2014 (4 months)

Systems engineer providing networking, database, server and website support for 5-10 customers.

- Server administration with active directory with Windows Server 2008/2012.
- Deployed Exchange 2013 with consistent access to email and no downtime.
- Network deployment and administration to meet the bandwidth requirements of a small CAD firm.

Systems Engineer at Synergy Global Solutions

October 2012 - January 2014 (1 year 4 months)

Storage and virtualization engineer. Architect, design and deploy technology to meet the needs of over 10-20 different businesses in different industry sectors.

- Deploying VMware infrastructure for a software defined datacenter.
- Satisfying storage requirements for a rapidly growing school system.
- Meeting backup and recovery needs in DR scenario.

IT Engineer at Advance 2000

March 2010 - September 2012 (2 years 7 months)

IT Support for an increasingly growing law office, adapting server infrastructure and systems to suit business needs.

- Support for Citrix Xen environment with end user thin client workstations.
- Countywide server and network consolidation saving millions of dollars for local municipality.
- Management and maintenance of technology outreach program.

System Support Specialist at Erdle Perforating

October 2007 - March 2010 (2 years 6 months)

In-house IT, servicing all the technology needs of a small 35 person manufacturing company.

- Desktop support and ticketing system using opensource software.
- Improving ERP software efficiency, assisting with barcode creation and support.
- Server maintenance and support creating users, modifying AD and email control.

Graphic Designer at Rochester Business Journal

October 2007 - May 2008 (8 months)

Creating advertisements for print media using Adobe suite of products.

Journalist at Democrat and Chronicle - Part of the USA Today Network

October 2007 - December 2007 (3 months)

Writing for the college section of a local newspaper.

Help Desk Support at CXtec

May 2005 - September 2005 (5 months)

Re-purposing servers and desktops, inventory of networking equipment, running cat5 cabling.

Skills & Expertise

Servers

Virtualization

Windows 7

Active Directory

Networking

Storage

VMware

Microsoft Exchange

Windows Server

Data Center

Hardware

Network Security

Microsoft Office

Microsoft SQL Server

Security

HTML

Windows XP

Disaster Recovery

Microsoft Office 2007
Windows XP Pro
Microsoft Word
Microsoft Excel
Microsoft Publisher
Visio
CSS
WordPress
PHP
PhpMyAdmin
Custom CMS Development
Front-end Development
Computer Hardware

Projects

Exchange Migration

May 2012 to May 2012

Members:Chad Crowell, Chris Tresco

Migrating from Exchange 2003 to Exchange 2010

VMware Build

July 2013 to Present

Members:Chad Crowell

VMware environment creation with two hosts and one vCenter server.

Nexsan SAN Installation

March 2013 to Present

Members:Chad Crowell

Installed Nexsan E18 with fully populated disk, connected to VMware hosts with read/write access, created array and volumes.

HP LeftHand SAN Installation

June 2013 to Present

Members:Chad Crowell

Installed two HP LeftHand P4000 SAN with 4TB each, grouped and clustered using HP Centralized Management Console

Commvault Installation (v9)

February 2013 to Present

Members:Chad Crowell, Lou Zambuto

Installed Commvault Simpana version 9 with HP DL380 Gen8 servers and local storage. Built deduplication database on dedicated disks, created DR scenario with replication off site.

Symantec Backup Exec 2012 Install

October 2013 to Present

Members:Chad Crowell

Installed Symantec Backup Exec 2012 with local attached storage, disk to disk backup and added stage for copy to tape. Licensed for V-Ray with VMware and agentless backup.

Commvault Upgrade (v9 to v10)

December 2013 to Present

Members:Chad Crowell

Performed upgrade to Simpana version 10

Commvault 1-Touch recovery integration

June 2014 to Present

Members:Chad Crowell

Install 1-touch capability for Windows, Linux, AIX, and HP-UX and Solaris. This project including the creation of a 1-touch server (or VM) for every operating system with the exception of Linux which only required a Live CD to restore. Tested with success an AIX NIM server without using SysBack.

Exchange Server bare metal recovery using 1-touch (Commvault)

July 2014 to Present

Members:Chad Crowell

After an Exchange server crash, the server (in a cluster) needed to be recovered. At the request of the customer, the server was recovered to newer hardware. Recovered the Exchange server to new hardware by loading the NIC drivers onto the Live CD which was created using the 1-touch server for Windows.

Vault Tracker (Commvault) and Tape Management

October 2014 to Present

Members:Chad Crowell

Working with an IBM TotalStorage LTO6 tape library holding over 250 tapes. After the customer was sending tapes offsite twice a week, they wanted an effective method of managing the tapes both onsite and offsite. I implemented VaultTracker with Tracking Policies, Policy Reports, Barcode Patterns and Media Refresh.

SnapProtect Implementation

November 2014 to February 2015

Members:Chad Crowell

Installing NetApp SnapProtect in a FAS and V-Series environment using NAS NDMP & VSA agents. Leveraging SnapVault and SnapMirror to copy data from source to destination for archiving purposes through provisioning policies. From licensing, setup, vservers creation and network interface to storage policy creation, array management and agent installation. The end result was a success, with restorability in or out of place to a destination target.

AltaVault Install with Backup to Cloud

January 2016 to Present

Members:Chad Crowell

Racked, stacked, and configured AltaVault AVA800. Connected cloud account, configured integration with backup solution and setup encryption for data.

SnapManager for SQL Installation

February 2016 to Present

Members:Chad Crowell

Installed NetApp SnapDrive and SnapManager for SQL on all nodes of the cluster. Setup backup, clone and recovery functionality for the customer. Also, simulated a copy to DEV and then to QA.

SnapProtect v10 to v11 Upgrade

Members:Chad Crowell

Upgrading NetApp SnapProtect from version 10 to version 11 with new feature set and complex data structures.

StorageGRID Installation

June 2016 to Present

Members:Chad Crowell

Installation of StorageGRID object storage model with multiple grids and NetApp E-Series. Configuration with OpenStack Swift.

Certifications

Symantec Technical Specialist

Symantec License STO-141 November 2013 to November 2015

Commvault Engineer

CommVault License Certified Engineer January 2013 to January 2015

Symantec Sales Expert Plus

Symantec License SSE+ August 2013 to August 2015

Symantec Sales Expert

Symantec License SSE August 2013 to August 2015

Commvault Support

CommVault License Certified Support January 2013 to January 2015

Commvault Administrator

CommVault License Certified Administrator December 2012 to December 2014

VMware VTSP 5

VMware License VTSP 5 March 2013

VMware VSP 5

VMware License VSP 5 February 2013

Assureon S.E. Training

Nexsan by Imation October 2012 to October 2014

Nexsan E18 Product Training

Nexsan by Imation October 2012 to October 2014

Nexsan NST5000 Product Training

Nexsan by Imation October 2012 to October 2014

Nexsan E60 and E60X Product Training

Nexsan by Imation October 2012 to October 2014

NetApp Accredited Sales Professional Accreditation Exam

NetApp November 2012 to November 2014

NetApp Accredited Storage Architect Professional Exam

NetApp January 2013 to January 2015

NetApp Clustered Data ONTAP Administrator (NCDA)

NetApp License NSO-156 January 2015 to January 2017

CompTIA A (2009 edition)

CompTIA October 2010

Duolingo Spanish Fluency: Beginner (Estimated)

Duolingo February 2016

Commvault Certified Engineer

Commvault License CVCE902013011100 January 2013

Commvault Certified Support

Commvault License CVCS902013010900 January 2013

Commvault Certified System Administrator

Commvault License CVCA902012121730 December 2012

Linux Essentials Certification

LinuxAcademy.com

LPI Linux Essentials

Linux Professional Institute License LPI000368077 September 2016

Education

SkillCrush WordPress Developer Blueprint

Certificate of Completion in WordPress Development, 2015 - 2016

Rochester Institute of Technology

2011 - 2011

St. John Fisher College, Rochester New York

B.Sc Applied, Information Technology, 2006 - 2008

Activities and Societies: Computer Science Club, Cardinal Courier.

Courses

Certificate of Completion in WordPress Development

SkillCrush WordPress Developer Blueprint

WordPress Development

B.Sc Applied, Information Technology

St. John Fisher College, Rochester New York

Intro to New Media

Web Design

Intro to Networking

Rochester Institute of Technology

OS Scripting

4050-402

Interests

Team Building, Job Growth, Market Trends, Learning

Organizations

Toastmasters

January 2016 to Present

Languages

English

(Native or bilingual proficiency)

Spanish

(Elementary proficiency)

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[Contact Chad on LinkedIn](#)