The Endeavors of an SCCM Admin.

I started as SCCM “Specialist” 5 years ago in the Danish defense IT agency.

Without much knowledge about the product in practice only a tiny bit of theory.

I red all I could, and I am lucky to have a sticky brain so I can usually remember a lot.

I started reading all I could find on the interwebz starting out with Prajwal desai’s blog sccm-2012-r2-step-by-step-guide.

After reading it I started up my environment, trying to install it as I remembered from his blog (without looking on the blog) from my memory.

It worked yay.

After getting my SCCM Lab up and running I started to go in depth about how the service communicates Network vice but also service vice.

To completely understand the product I work with, I need to have full understanding about the service I’m responsible for.

(Ended up with me remembering all firewall rules, .Net Version required, IIS setup and NTFS Permission rights) I know, I have OSD 😊.

I finally got to prove myself worthy in one of Denmark’s “largest” SCCM environments 40k+ Clients 2K+ Servers.

I started with SCCM2007 then 2012R2 and so on.

All was on prem and no internet equals WSUS updates was performed manually by going to an internet connected machine, downloading updates to and external HDD and then performing wsusimport to SCCM.

After a couple of years in the Danish Defense IT Agency I had proven myself worthy enough to do my first SCCM Design for a “Not to be mentioned” important national department.

The SCCM Design spanned from Designing SCCM server/SQL Server (as that is my second passion) to security modelling the entire infrastructure to work with my service.

After that I was getting eager to learn more about the endless possibilities with this product, but I was bound to no internet.

I could not see myself accomplish more with SCCM without the ability to use internet, so I started as an SCCM Consultant for one the biggest SCCM Consultant houses in Denmark.

And now it started to take on some pace.

I had all this knowledge and now I could start implement more awesome stuff like precache with in-place upgrades, MOF editing to make my SQL Queries and Reports better, update automation with ADR etc.

It is not like I had not done it before but only in my own lab.

I had the opportunity of participating in Ignite 2018 in Orlando where I finally got the pleasure of seeing some of the people that inspires me on a daily basis like Johan Arwidmark, Ami Arwidmark , Michael Nystrom etc.

By following these great individuals, you stumble over their followers as well, like Donna Ryan @TheNotoriousDRR with her amazeballs WimWitch, Johan @josch62 from Onevinn with the Amazing TSBackgroundUI and remote WinPE, Martin Bengtsson @mwbengtsson with his in-place upgrade, Maurice Daly @modali\_it for his amazing knowledge and blog posts and not to forget my newest implementation in our environment “Driver Automation Tool”, Nickolaj Andersen @NickolajA for his knowledge and posts and if you haven’t looked into his Remove Built-in apps script I can highly recommend it.

I have surely forgotten a lot of others like Sune Thomsen @SuneTomsenDK for his great posts.

Anoop C Nair for his great blog posts @anoopmanuur and so on.

I will highly recommend new SCCM admins to have a look at what has gotten me started with SCCM.

[SCCM 2012 R2 Step by Step Guide – Prajwal Desai](https://www.prajwaldesai.com/sccm-2012-r2-step-by-step-guide/)

This is the guide started me of back in 2015/2016, well in depth written and easy to follow

[WIM Witch - A GUI Driven Solution for Image Customization - MSEndpointMgr](https://msendpointmgr.com/2019/10/04/wim-witch-a-gui-driven-solution-for-image-customization/)

This tool saves me a lot of time due to its amazing automation process when creating my wim’s for OSD.

Highly recommended and remember to read the documentation!.

[Driver Automation Tool - MSEndpointMgr](https://msendpointmgr.com/driver-automation-tool/)

Well not much to say other than if you want to save time on driver automation and installation, this tool will save you a lot of time and time I money 😊

[TechNet TSBackground Mark II - ConfigMgr Task sequence background application. (microsoft.com)](https://gallery.technet.microsoft.com/Configuration-Manager-Task-6422b6f8)

I use TSBackgroundUI for the sole purpose of helping our service desk to get a better understanding of what is happening now and to be able to tell me/us SCCM Admins what has failed and not just to tell us “It doesn’t work”. It saves them time when they must OSD a lot of machines, that they are able to remote and monitor the process.

This was a small summarization of my path to becoming an SCCM admin.

My priority list is.

SCCM – Primary work tool

MSSQL – When im need to fetch data for data analysis and custom reports.

Powershell – For creating Scripts of all sorts.

Excel – Go to tool for just about anything when I’m data analyzing.