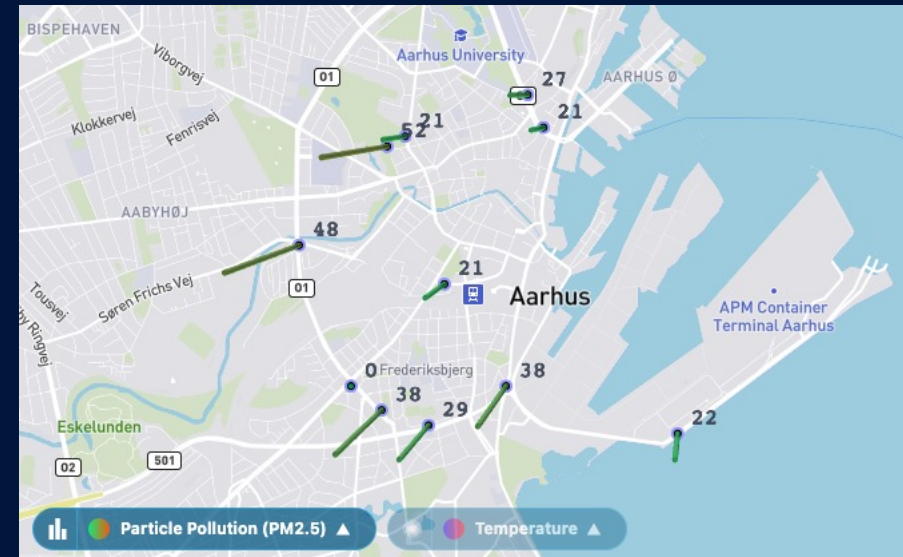
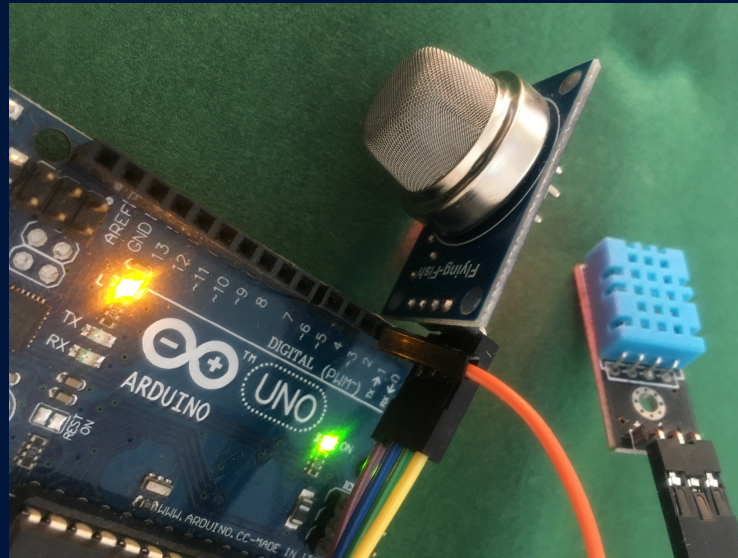


COPENHAGEN BUSINESS ACADEMY



DATA ENGINEERING



Agenda – I gang med AWS

- AWS status og intro
 - sikkerhed og instances
- Windows server
 - scheduler-øvelse
 - øvelser fra ppt
- Linux server
 - recap til OS
 - terminalen
 - intro med crontab
 - øvelser fra ppt
- Cron på Windows / Linux
 - scateboard med kode fra git

AWS – EC2

The screenshot shows the AWS Management Console for the us-east-2 region. The main content area displays the 'Instances (1/4)' page. A table lists the following instances:

	Name	Instance ID	Instance state	Instance type	Status check
<input type="checkbox"/>	scriptrunner	i-0adc8d4d2ea296568	Stopped	t2.micro	–
<input checked="" type="checkbox"/>	DALE23Windows	i-0874e53f469ebc6a7	Stopped	t2.small	–
<input type="checkbox"/>	DALE23Linux	i-0e6fdc938bb7dc454	Stopped	t2.micro	–
<input type="checkbox"/>	DALE23Linux2	i-069cf22f3a1fe3c73	Stopped	t2.micro	–

The left sidebar contains the following navigation links: EC2 Dashboard, EC2 Global View, Events, Instances (selected), Instance Types, Launch Templates, and Spot Requests. The top navigation bar includes the AWS logo, Services menu, search bar, and user information (Ohio, cphstud).

Linux vs Windows

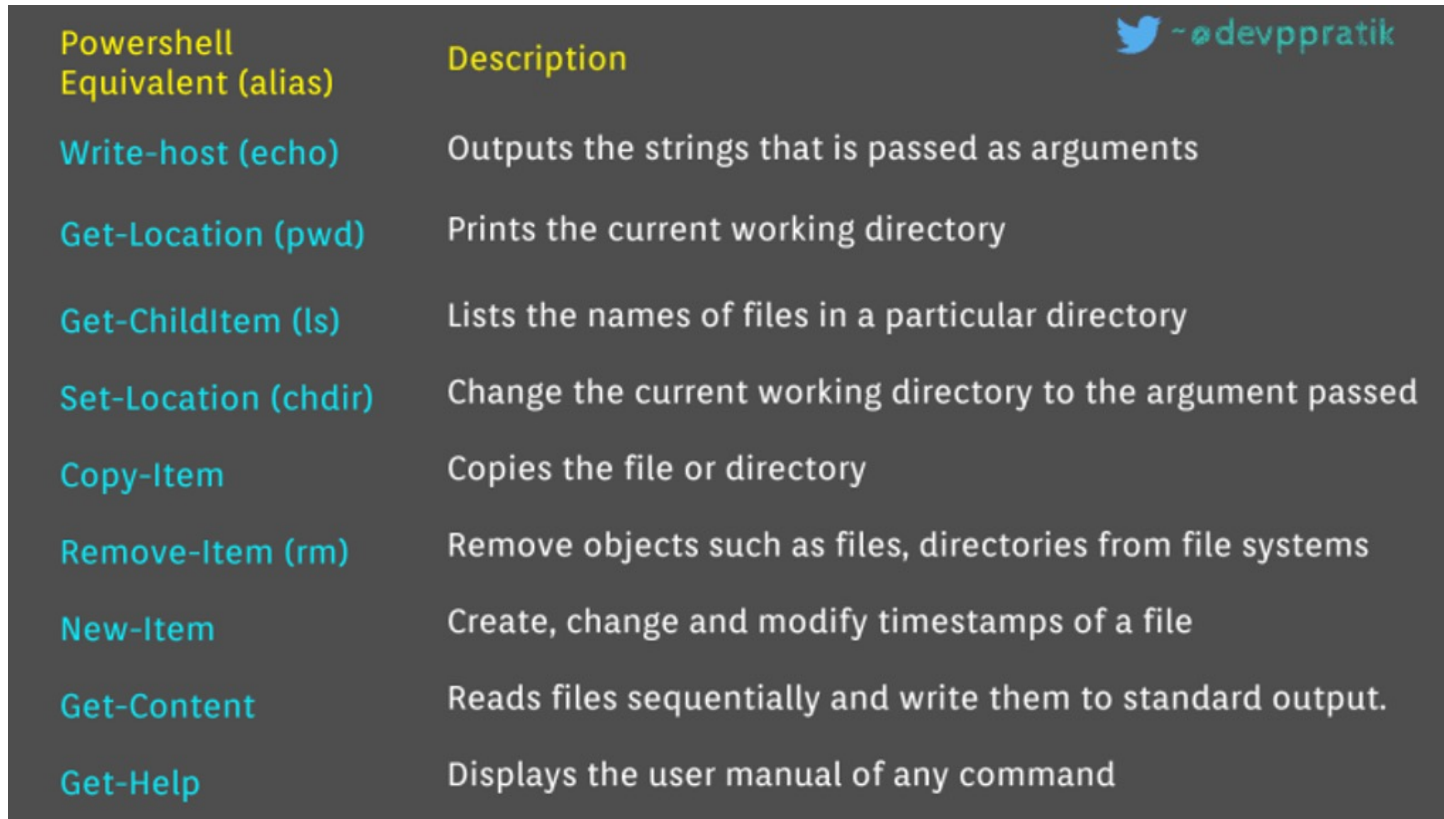
 ~@devppratik

Bash Command	Powershell Equivalent (alias)	Description
echo	Write-host (echo)	Outputs the strings that is passed as arguments
pwd	Get-Location (pwd)	Prints the current working directory
ls	Get-ChildItem (ls)	Lists the names of files in a particular directory
cd	Set-Location (chdir)	Change the current working directory to the argument passed
cp	Copy-Item	Copies the file or directory
rm	Remove-Item (rm)	Remove objects such as files, directories from file systems
touch	New-Item	Create, change and modify timestamps of a file
cat	Get-Content	Reads files sequentially and write them to standard output.
man	Get-Help	Displays the user manual of any command
cat	Get-Content	Reads files sequentially and write them to standard output.
man	Get-Help	Displays the user manual of any command

mkdir

Laver en folder

Windows på din AWS EC2 Windows 2022 server



Powershell Equivalent (alias)	Description
Write-host (echo)	Outputs the strings that is passed as arguments
Get-Location (pwd)	Prints the current working directory
Get-ChildItem (ls)	Lists the names of files in a particular directory
Set-Location (chdir)	Change the current working directory to the argument passed
Copy-Item	Copies the file or directory
Remove-Item (rm)	Remove objects such as files, directories from file systems
New-Item	Create, change and modify timestamps of a file
Get-Content	Reads files sequentially and write them to standard output.
Get-Help	Displays the user manual of any command

Øvelser

- Opret foldere EVU og temp?
- Cd til temp og hent flg vha wget
 - <https://raw.githubusercontent.com/cphstud/DALE23W48/master/scrape.csv>
 - <https://raw.githubusercontent.com/cphstud/20m9596V2-uge5/master/test.ps1>
- Hvor stor er filen test.ps1?
- Hvordan vil du eksekvere scriptet?
- Modifier scriptet så det udskriver dit navn
- Lav en folder i temp der hedder test og få vha chatgpt et script der kan lave 20 tomme filer i test-folderen
- Installér notepad++ og sørg for at notepad++ er føjet til stien i dit environment

Linux på din AWS EC2 ubuntu server

Bash Command

echo

pwd

ls

cd

cp

rm

touch

cat

man

Description



Outputs the strings that is passed as arguments

Prints the current working directory

Lists the names of files in a particular directory

Change the current working directory to the argument passed

Copies the file or directory

Remove objects such as files, directories from file systems

Create, change and modify timestamps of a file

Reads files sequentially and write them to standard output.

Displays the user manual of any command

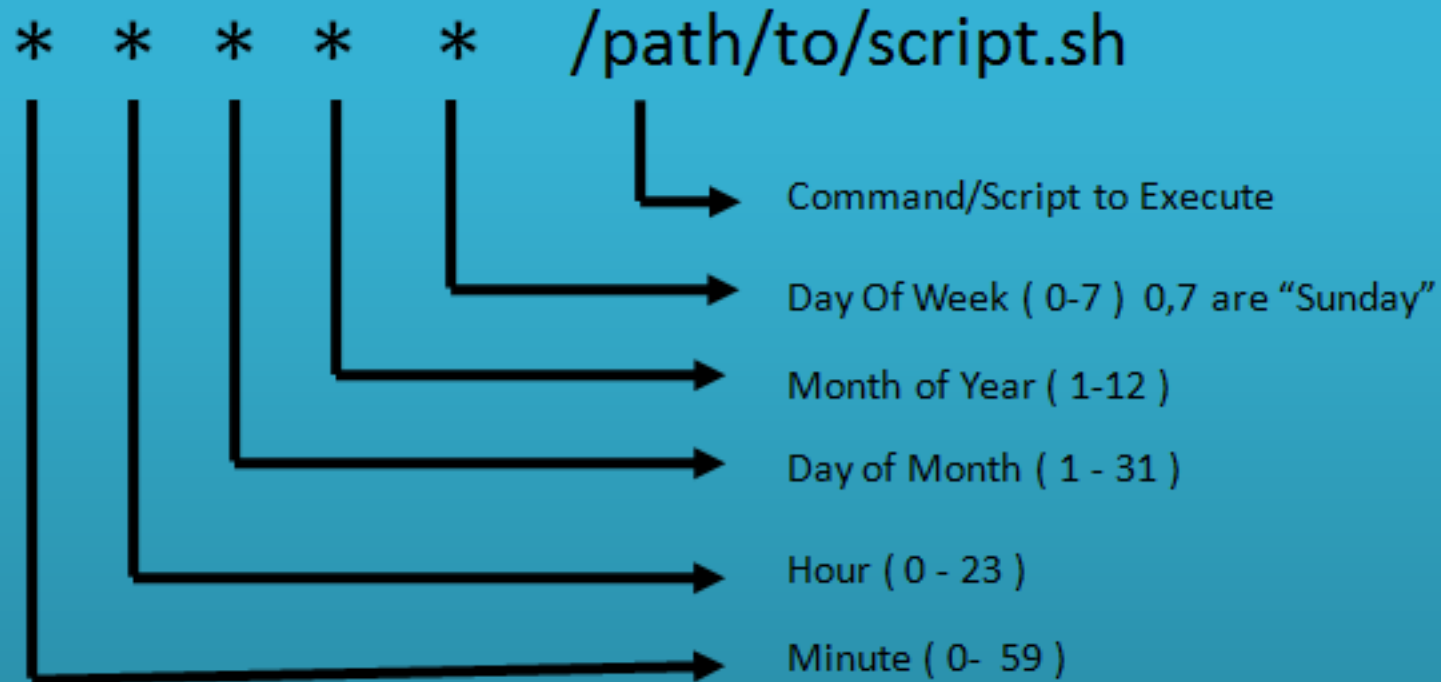
Lav **filer med indhold** med cat-kommandoen og redirection (slut med <ENTER> og derpå <ctrl+d>).

```
Administrator@DESKTOP-7QA27BH MINGW64 ~/test/filer/store  
$ cat > test2.sh  
#!/bin/bash  
echo "hello world"
```

Øvelser

- Opret foldere DAL og tmp
- Cd til tmp og hent flg vha wget (eller curl)
 - <https://raw.githubusercontent.com/cphstud/DALE23W48/master/scrape.csv>
 - <https://raw.githubusercontent.com/cphstud/20m9596V2-uge5/master/test2.sh>
- Hvor stor er filen test2.sh?
- Hvordan vil du eksekvere scriptet?
- Modificer scriptet så det udskriver dit navn
- Lav en folder i tmp der hedder test og få vha chatgpt et script der kan lave 20 tomme filer i test-folderen
- Lokaliser mongodbs logfil og find den sidst tilføjede linje
- Hent cmd.sh fra <https://github.com/cphstud/20m9596V2-uge5>, læg det i tmp-folderen og undersøg hvordan det skal eksekveres

job på linux – "crontab -e"



job på windows - sceduler

