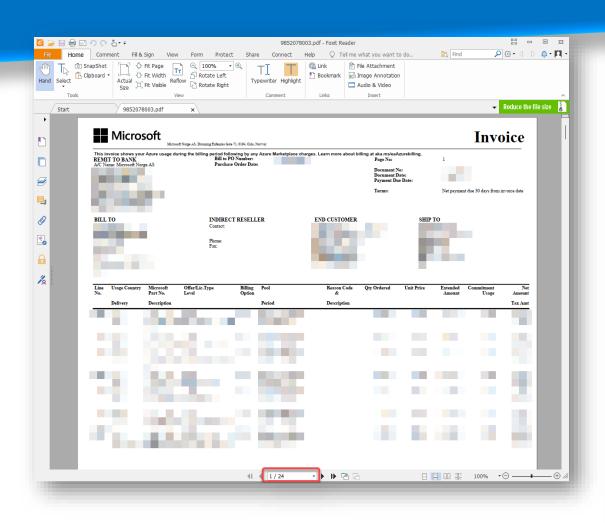
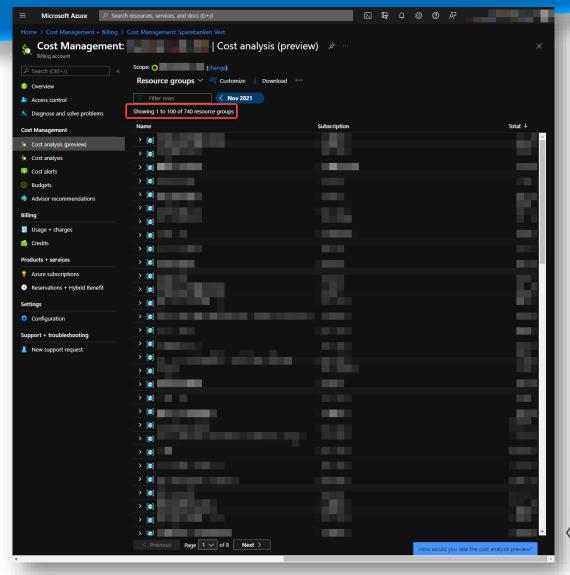
# Money For Nothing?

And the microchips for free



## Hvordan startet jakten?





## Hvordan startet jakten?



#### **NC-series**

09/08/2021 • 2 minutes to read • 📵 🕮 📳 🚳



**Applies to:** ✓ Linux VMs ✓ Windows VMs ✓ Flexible scale sets ✓ Uniform scale sets

NC-series VMs are powered by the NVIDIA Tesla K80 

card and the Intel Xeon E5-2690 v3 (Haswell) processor. Users can crunch through data faster by leveraging CUDA for energy exploration applications, crash simulations, ray traced rendering, deep learning, and more. The NC24r configuration provides a low latency, highthroughput network interface optimized for tightly coupled parallel computing workloads.

Premium Storage: Not Supported Premium Storage caching: Not Supported Live Migration: Not Supported Memory Preserving Updates: Not Supported VM Generation Support: Generation 1 Accelerated Networking: Not Supported **Ephemeral OS Disks: Not Supported** 

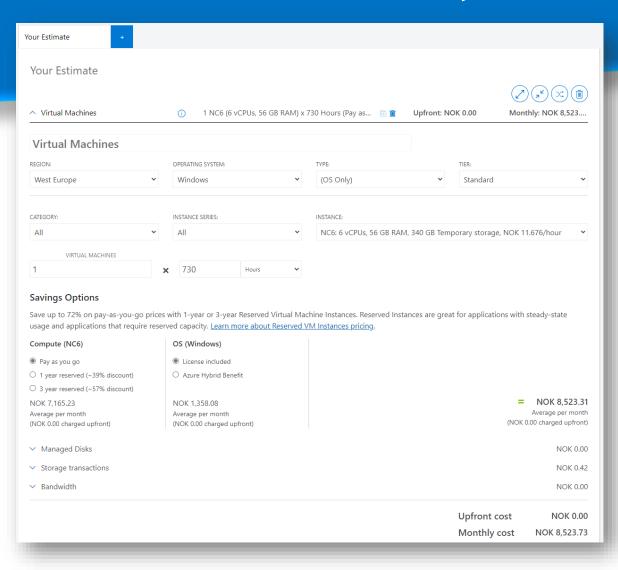
Nvidia NVLink Interconnect: Not Supported

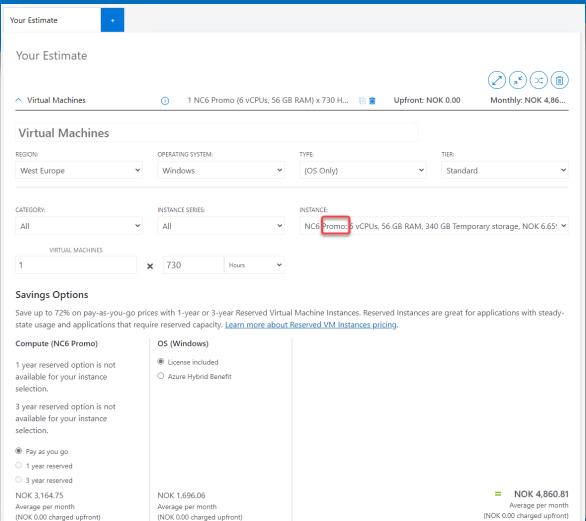
Size	vCPU	Memory: GiB	Temp storage (SSD) GiB	GPU	GPU memory: GiB	Max data disks
Standard_NC6	6	56	340	1	12	24
Standard_NC12	12	112	680	2	24	48
Standard_NC24	24	224	1440	4	48	64
Standard_NC24r*	24	224	1440	4	48	64

1 GPU = one-half K80 card.



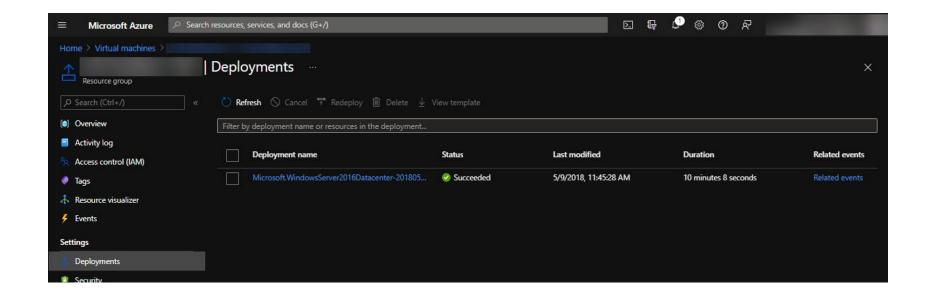
## Hvordan startet jakten?







## Jakten





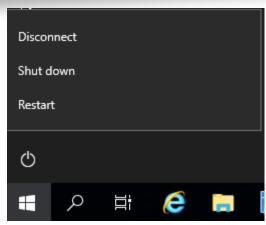
### Kostnader

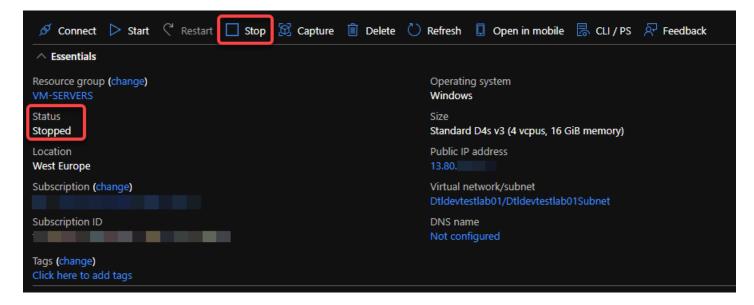
$$4.470, -*24 = 107.280, -$$

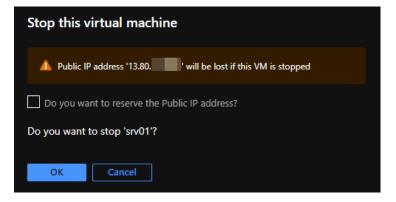


#### Tilstander











#### Kostnader

VM: 
$$4.470$$
,- \*  $24 = 107.280$ ,-

IP: 
$$25$$
,- \*  $24 = 600$ ,-

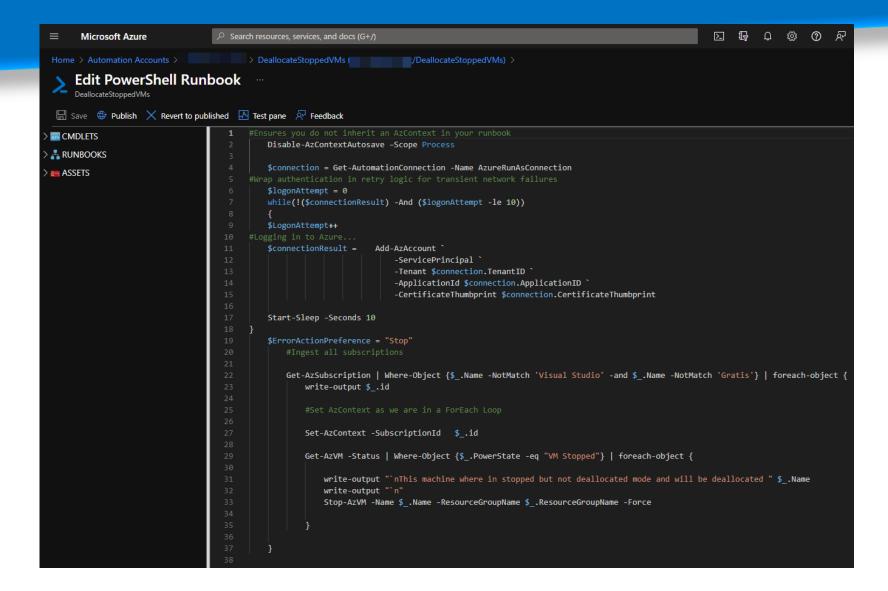


## Support request

Sendt: torsdag 14. januar 2021 17:38 Til: Olav Tvedt Kopi: support <support@mail.support.microsoft.com> Emne: Manager Follow Up -Hello Olav, Happy New Year! Hope you are well and staying safe! am the Manager of the Delivery team that handled the Support Request (SR) This support request has come to my attention due to the time taken and the experience. see that you had submitted this request on November 13 because you were charged for a NC6 VM that was in stopped state since November 2018 and you wanted refund of the charges. My Support Engineer Aneesh was assisting you on this case. informed you that though the VM is in stopped state you Up on reviewing the SR I see that / may still be billed for the allocated virtual cores. He also requested you to send name of the VM and logs that confirmed the VM was in stopped state. After receiving the requested details he worked with our Technical Advisors to check whether the refund for the complete duration (November 2018 to November 2020) can be submitted since as per Azure Credit Policies for these scenarios, our Enterprise Business Operation Team will approve refund/credit for only 60 days. As per the suggestion received from our Technical Advisors reached out to you to check whether we can proceed with refund/credit for 1 year. With your approval, he then worked with Enterprise Business Operation Team for credit approval of accidental usage for last 1 year. Enterprise Business Operation Team declined our credit/refund request for one year and informed that they can only approve credit/refund for 60 days of accidental usage. once again worked with our Enterprise Business Operation Team requesting an exception be made to the policy. However, the team could only approve credit for 60 days as per the credit policy. I see that a credit of 13405.31 NOK was processed and applied on December 24.

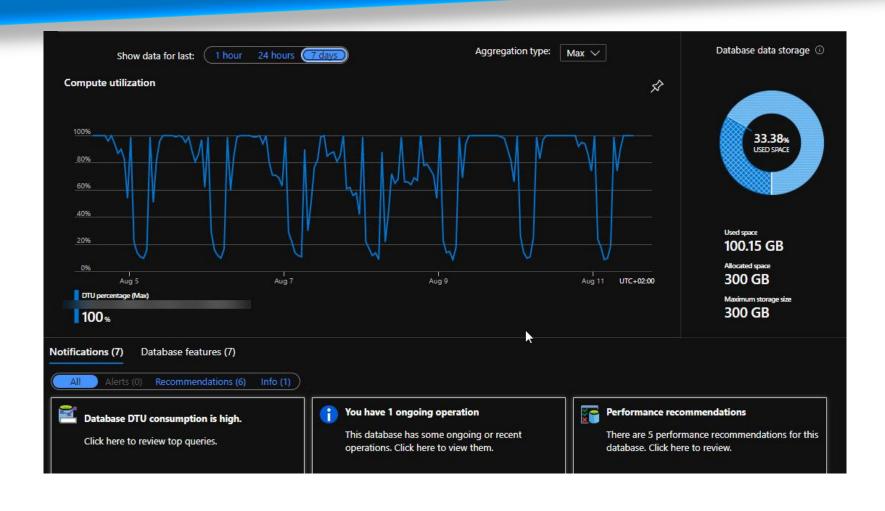


#### Preventivt tiltak



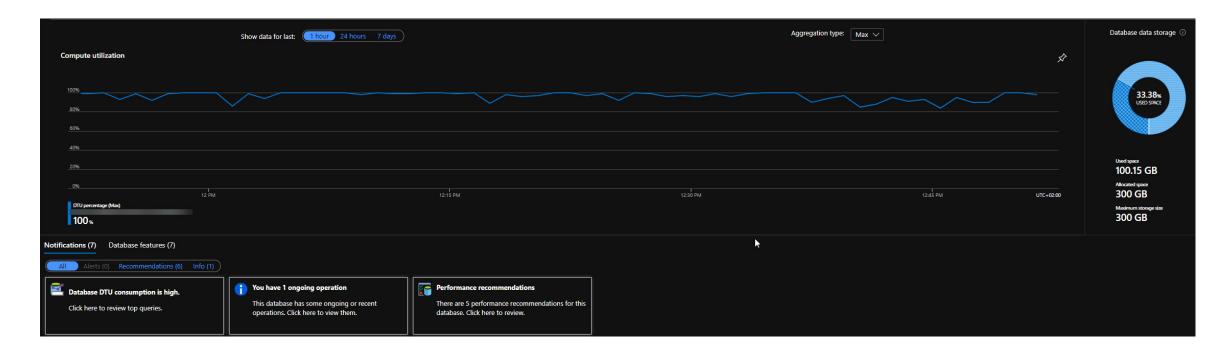


### Databaser





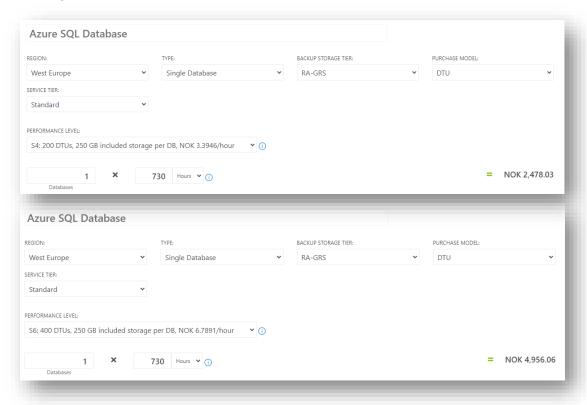
# Utfordring



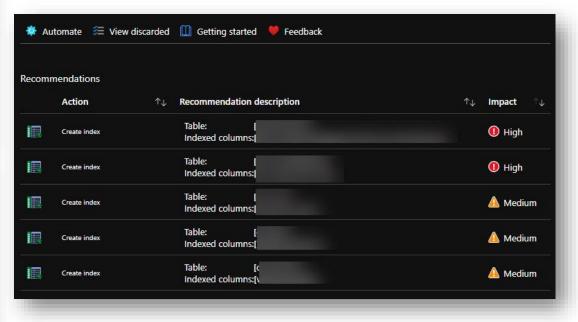


## Løsninger

#### Øke DTU

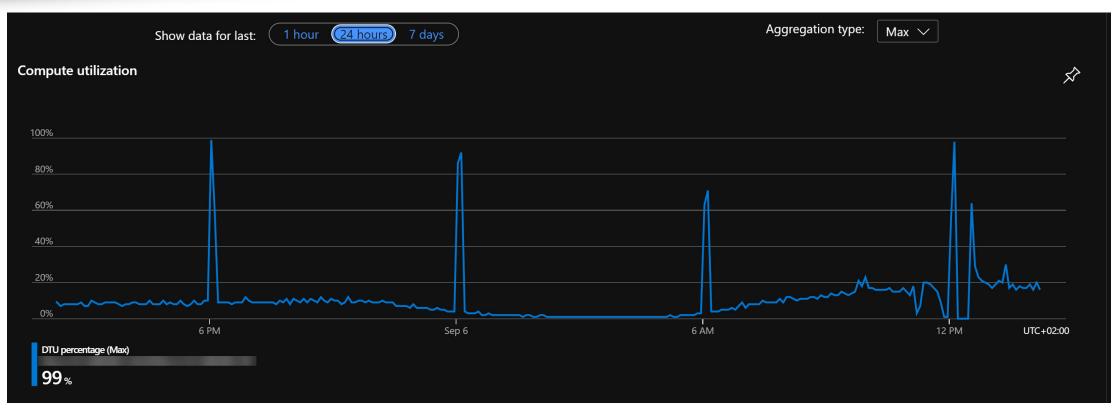


#### Følge råd



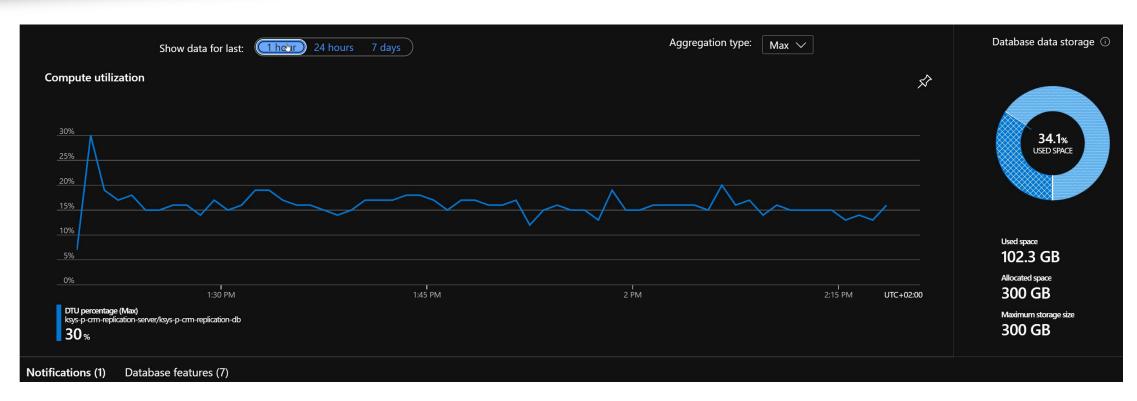


# Løsning





## Løsning



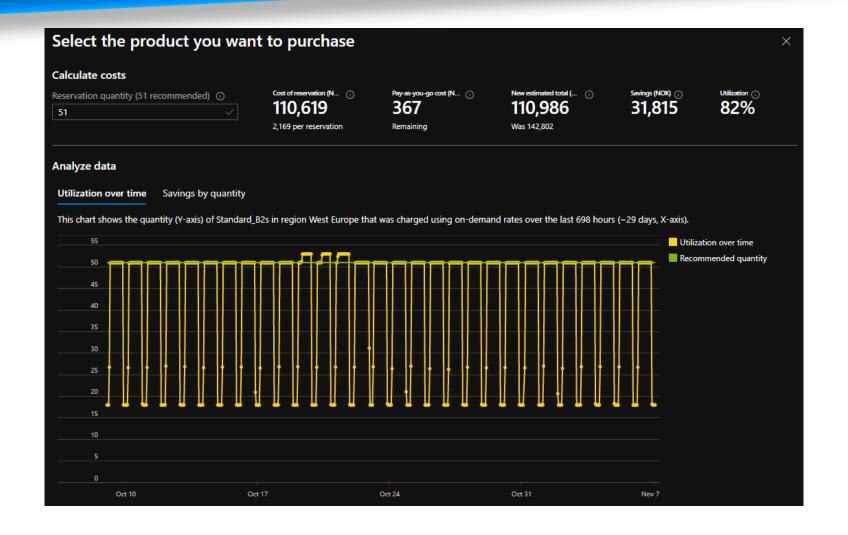


## Reserved Instances VM





## Reserved Instances VM





### Reserved Instances VM

#### Compute (B2s)

- Pay as you go
- O 1 year reserved (~42% discount)
- O 3 year reserved (~62% discount)

#### Compute (NC6)

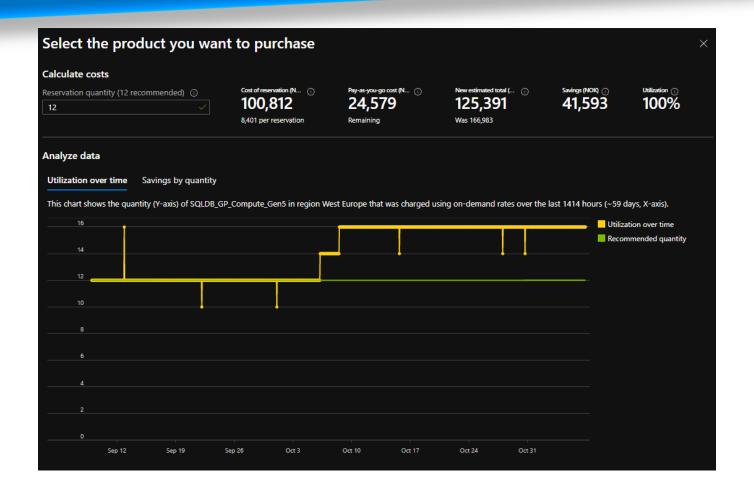
- Pay as you go
- O 1 year reserved (~39% discount)
- O 3 year reserved (~57% discount)

#### Compute (F8s)

- Pay as you go
- O 1 year reserved (~27% discount)
- O 3 year reserved (~51% discount)

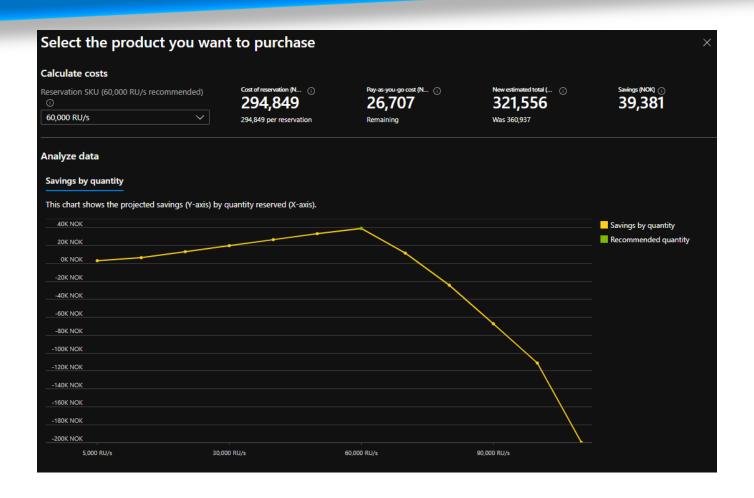


## Reserved Instances DB





## Reserved Instances DB





# Rydd!

- Oversikt
- Kostnader
- Sikkerhet







# Olav Tvedt Cloud Dude (No not clown dude!) SpareBanken Vest





Twitter: @olavtwitt

LinkedIn: https://www.linkedin.com/in/otvedt/

Podkast: BlåSkjerm Brødrende

