



NTNU

Kunnskap for en bedre verden

Presentasjon av bachelorprosjekt AZURE for IIE

Av Bjørn og Robin

Introduksjon

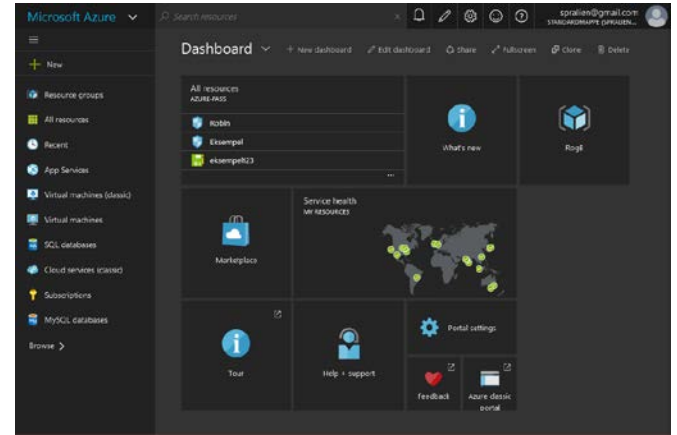
- Hvem er vi
- Oppgaven

IIE og bruk av Azure

- Dagens løsning
- Kostnader
- Overføring av VMer

Hva er Azure

- Skytjeneste
- PowerShell



Azure local cloud

- Pack
- Stack

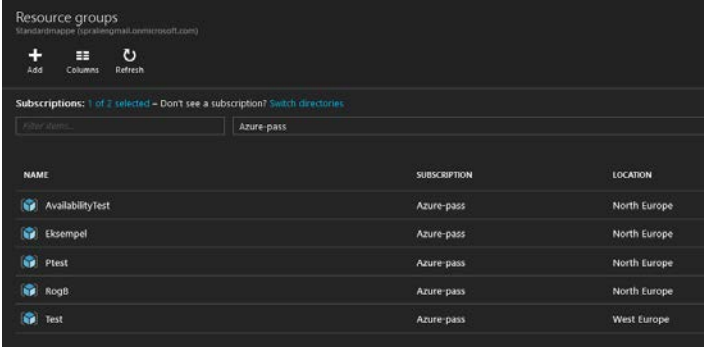
Azure Resource Manager

- Abonnement
- Portal
- Brukeroppsett

Resource groups

- Samlingsenhet
- Brukerrettigheter

- Livslengde på ressurser



NAME	SUBSCRIPTION	LOCATION
AvailabilityTest	Azure-pass	North Europe
Eksempel	Azure-pass	North Europe
Ptest	Azure-pass	North Europe
RlogB	Azure-pass	North Europe
Test	Azure-pass	West Europe

Storage accounts

- Lagringsenhet
- Lagringstype
- Redundante løsninger

Storage accounts
Standardmappe (spraling@mail.com@microsoft.com)

+ Add Columns Refresh

Subscriptions: 1 of 2 selected - Don't see a subscription? [Switch directories](#)

Filter items... Azure-pass

NAME	KIND	RESOURCE GROUP	LOCATION
avallabilitytest8766		AvallabilityTest	North Europe
eksempel		Eksempel	North Europe
rogb		RogB	North Europe
test0015		Test	West Europe

Virtual networks

- Områder
- Logisk oppdeling

Virtual networks
Standardmappe (spraliengmail.onmicrosoft.com)

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Filter items... Azure-pass

NAME	RESOURCE GROUP	LOCATION
<=> AvailabilityTest	AvailabilityTest	North Europe
<=> Eksempel	Eksempel	North Europe
<=> Test	Test	West Europe
<=> vnetRogB	RogB	North Europe

Virtual machines

- OS
- Nettverk
- Lagring
- Fjernstyring (Offentlig IP)
- Kostnader

Virtual machines
Standardmappe (spratiengmail.onmicrosoft.com)

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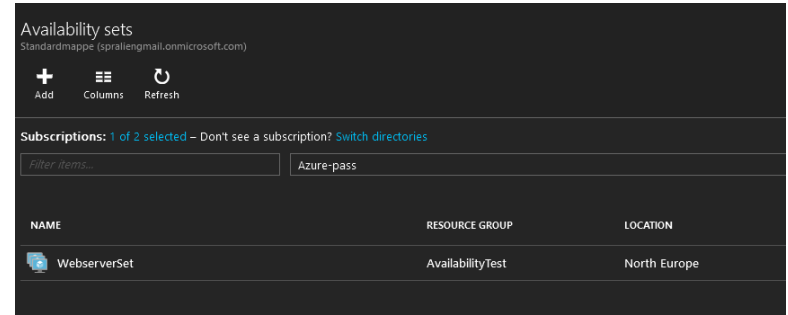
Filter items... Azure-pass

NAME	RESOURCE GROUP	LOCATION
WebServer1	AvallabilityTest	North Europe
WebServer2	AvallabilityTest	North Europe

Availability sets

- Over flere fysiske servere
- Hallregioner
- Lastbalanser

- Må lages før ressurser



Load Balancers


- Probe-test
- Friskest server
- Videresending
- Protokoller

Load balancers
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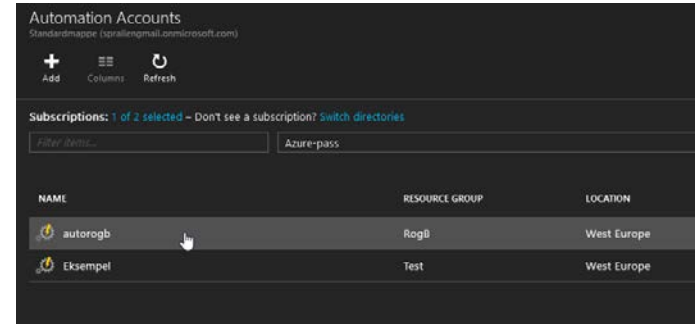
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Filter items... Azure-pass

NAME	RESOURCE GROUP	LOCATION
 WebserverBalancer	AvailabilityTest	North Europe

Automation Accounts

- Tjeneste for å kjøre scripts
- PowerShell og Grafisk



Automation Accounts
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Subscriptions: 1 of 2 selected - Don't see a subscription? [Switch directories](#)

Filter items... Azure-pass

NAME	RESOURCE GROUP	LOCATION
autorogb	RogB	West Europe
Eksempel	Test	West Europe

PowerShell

- AzureRM
- Script VM
- Script brukere
- Template