



# KDRS

Kommunearkivinstusjonenes  
Digitale RessursSenter

## KDRS digitalt depot

Del 2 – ESSArch Tools Installasjon

26. og 27. januar 2021

# ESSArch Tools

I denne delen av kurset skal vi se på

- Import av virtuell maskin (VM) med ETP eller ETA i VirtualBox

ETP – ESSArch Tools for Producer (sone 1)

ETA – ESSArch Tools for Archive (sone 2)

Framgangsmåten er likt for begge.

- Nødvendig lokal tilpassing av ETP og ETA  
Mye likt for begge, men noen forskjeller.
- Sigve tar en detaljert gjennomgang av dette etterpå.



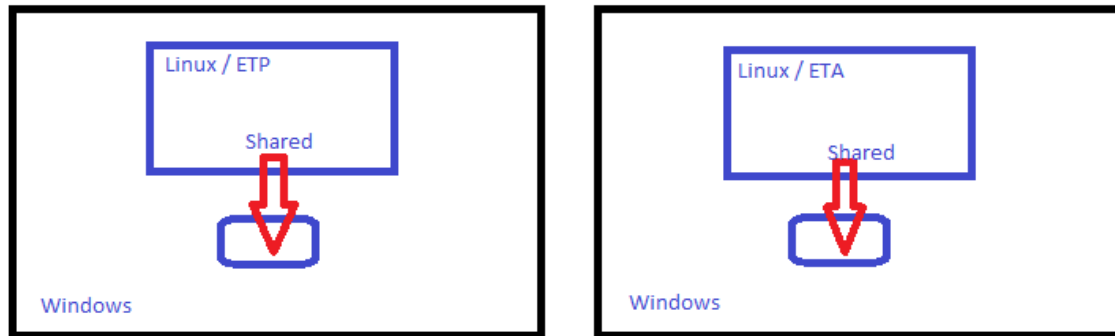
# KDRS Virtual Appliances med ESSArch Tools

Vi har to stykker:

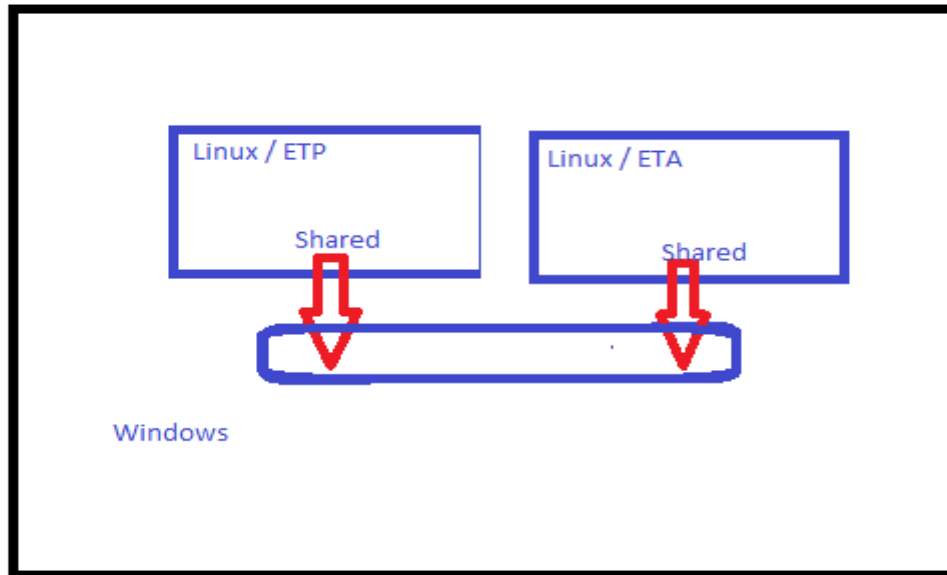
- KDRS-ETP-0.93.4-20191018.01  
ESSArch Tools for Producer
- KDRS-ETA-0.93.1-20191018.01  
ESSArch Tools for Archive



# KDRS Virtual Appliances med ESSArch Tools



# KDRS Virtual Appliances med ESSArch Tools



# VirtualBox

Dersom du ikke allerede har VirtualBox installert, finner du den på den utdelte minnepinnen. Eller last det ned fra <https://www.virtualbox.org/wiki/Downloads> og installere.

Link på ressursida på [www.kdrs.no](http://www.kdrs.no)

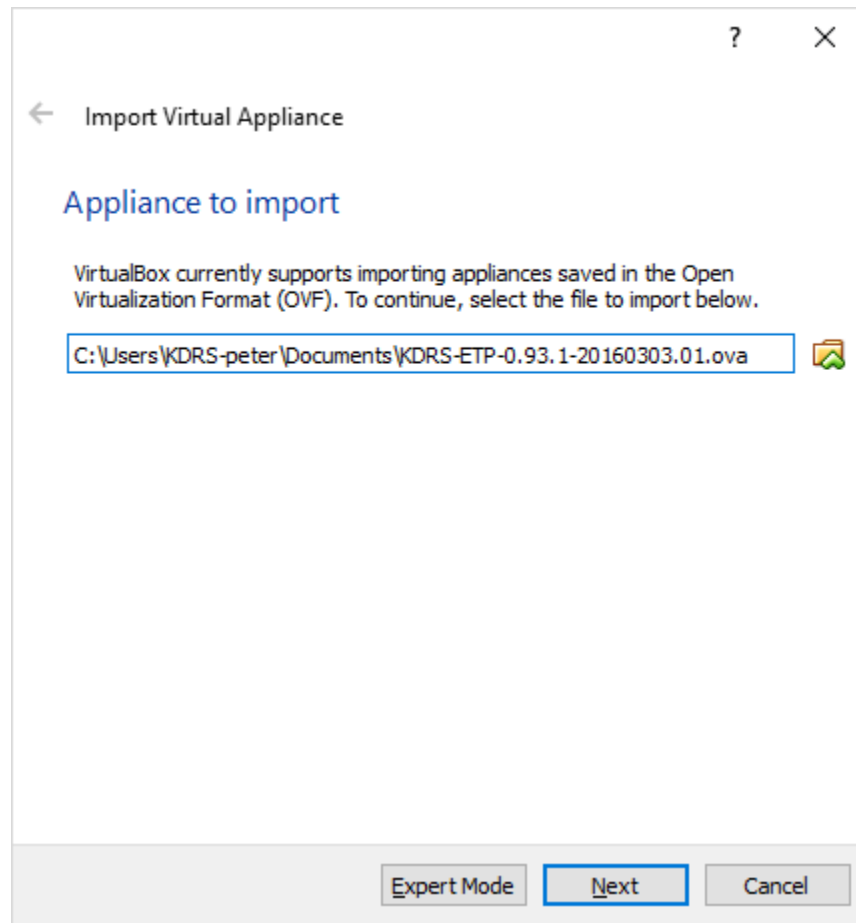


# Importere virtuell maskin

- Finn riktig .ova fil på den utdelte minnepinnen, eller last ned fra vår Google Drive område (Link fra ressursida på [www.kdrs.no](http://www.kdrs.no))
- Start VirtualBox Manager
- I «File» menyen velg «Import Appliance».

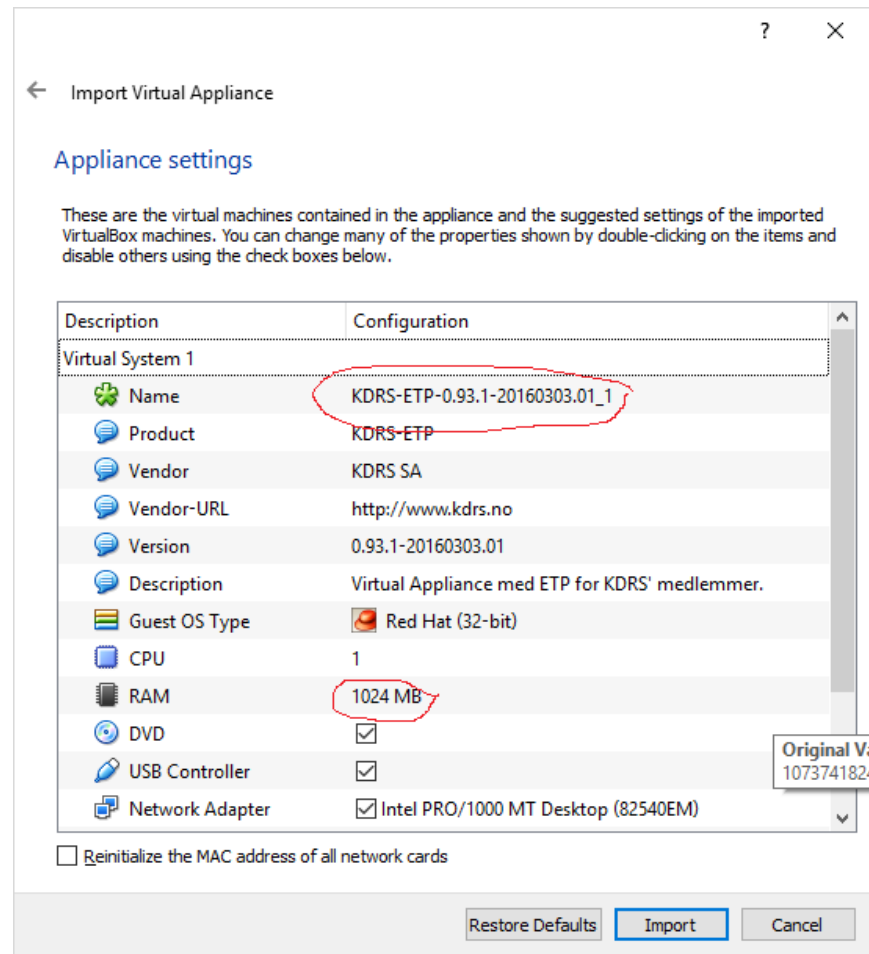


# Importere virtuell maskin





# Innstillinger for import



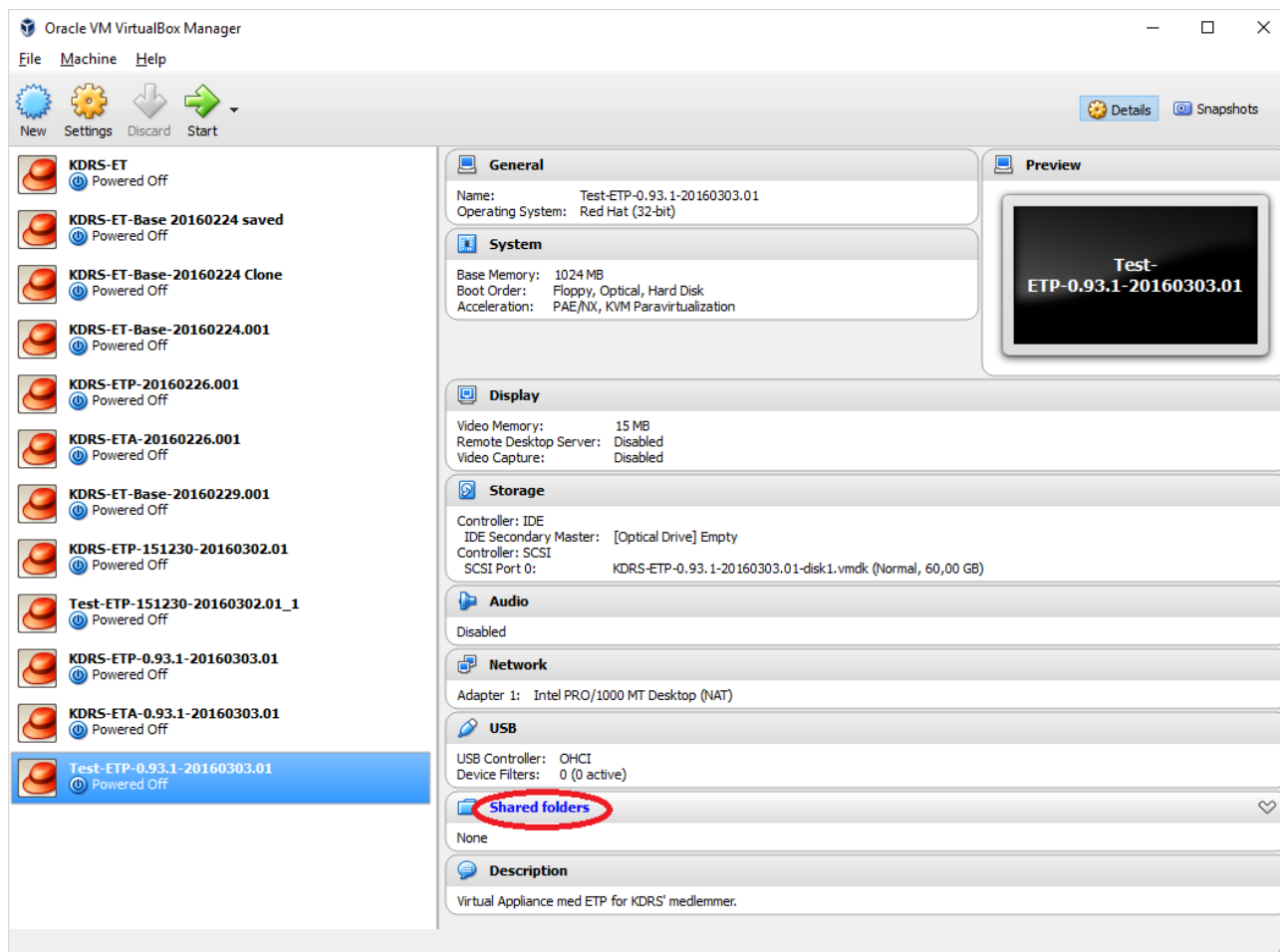
# Oppsett av delte mapper

Vi trenger delte mapper mellom virtuell maskin og vertsmaskin til følgende:

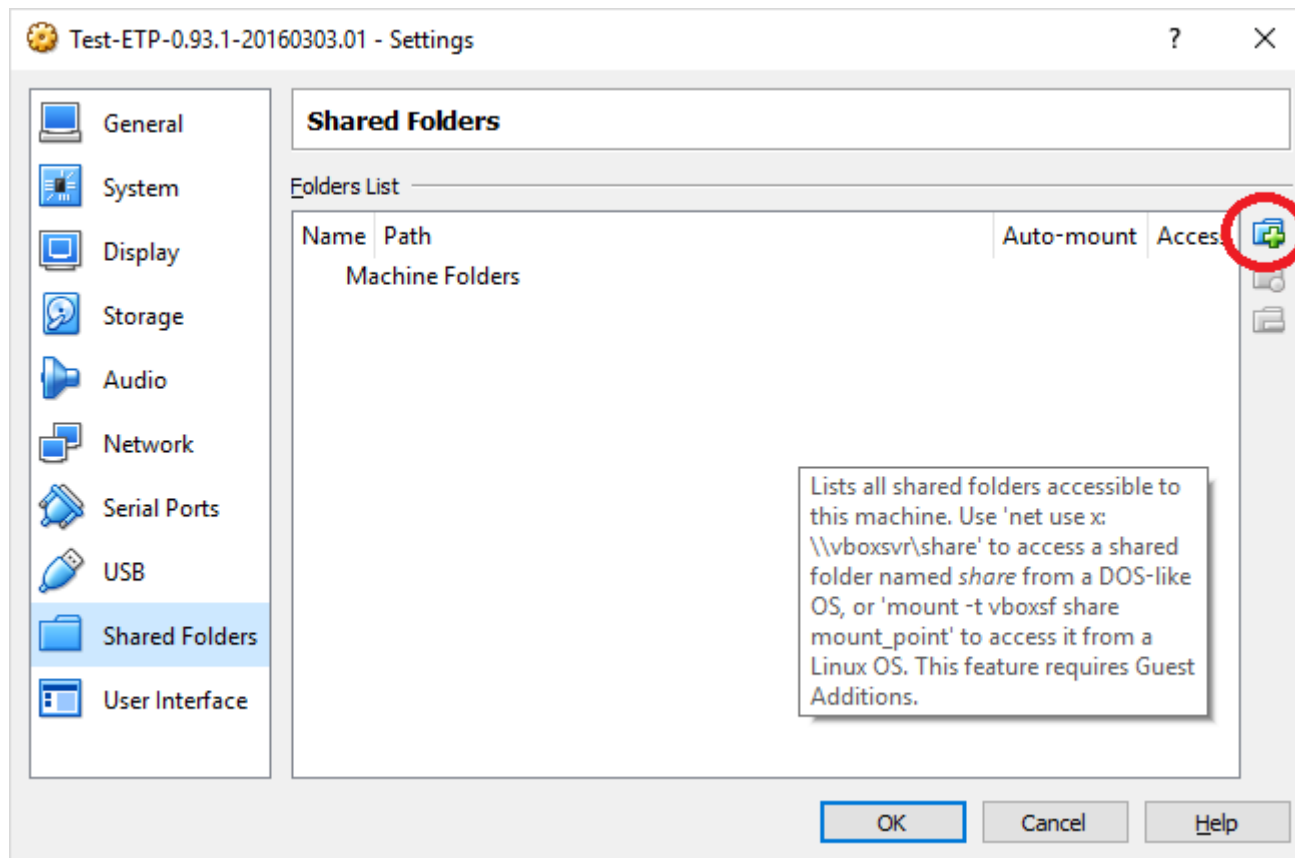
- Legge til mappestrukturer i en ny arkivpakke i ETP
- Ta en arkivpakke ut av ETP for overføring til ETA
- Få en mottatt arkivpakke inn i ETA
- Alternativ overføringsmåte fra ETA til EPP.



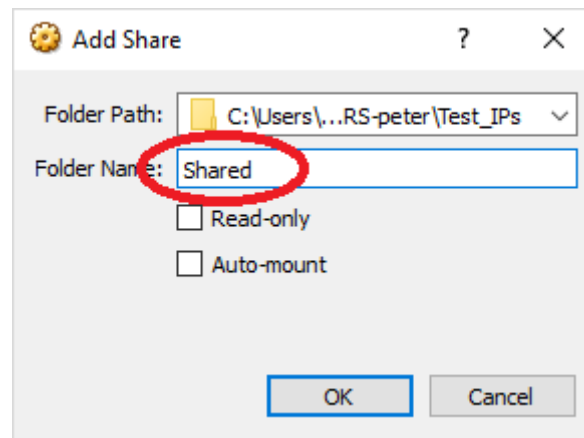
# Oppsett av delte mapper, forts.



# Oppsett av delte mapper, forts.

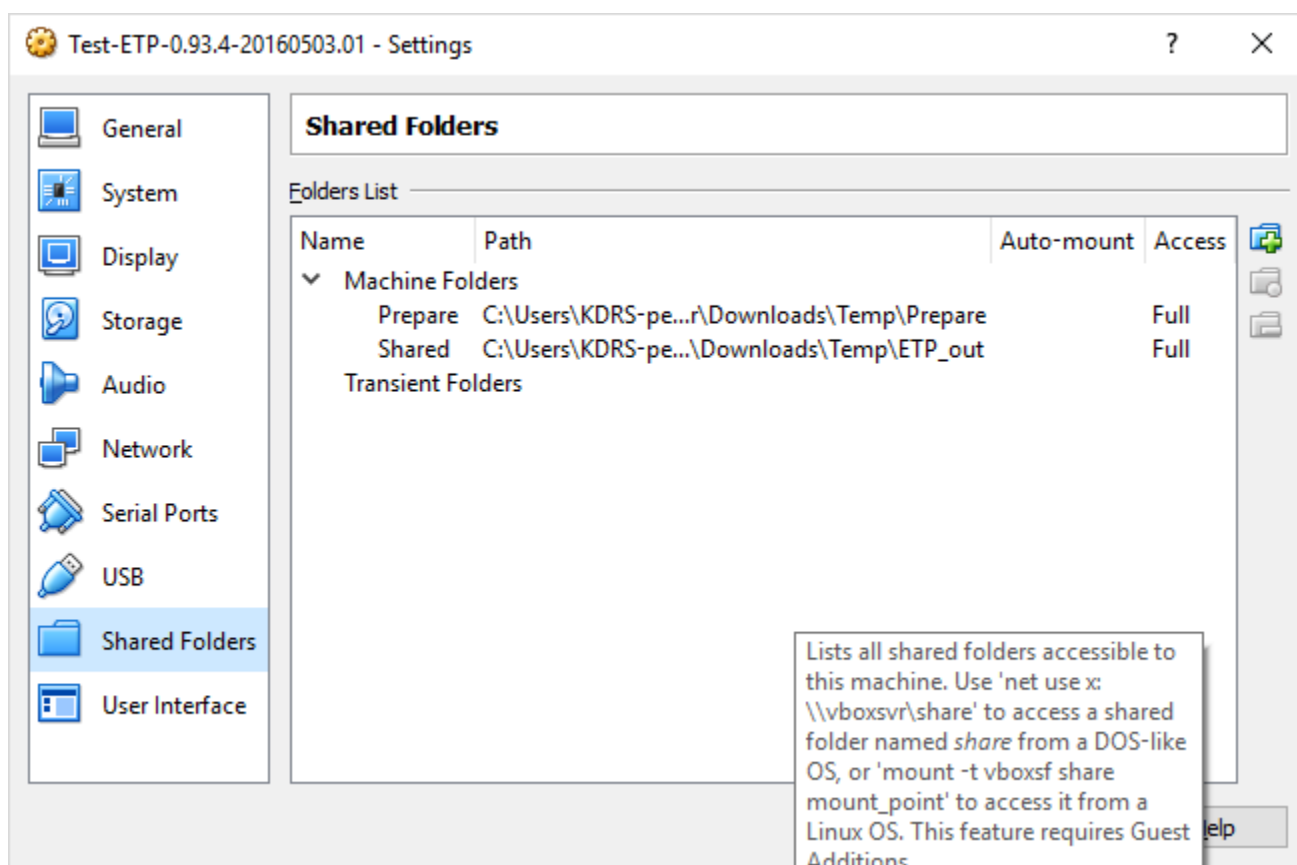


# Oppsett av delte mapper, forts.



# Oppsett av delte mapper, forts.

- Gjenta prosedyren for «Prepare» for ETP



# Delte mapper

For ETP har vi (som vist foran):

- «Prepare» – «bakdør» til mappestrukturen som blir til SIP
- «Shared» – arkivpakker ut til ETA

For ETA har vi i stedet:

- «Shared» – arkivpakker inn.
- «Transfer» – arkivpakker ut til EPP (*nytt i 2019*).



# Tilpasning av nettverk

- Annet på maskin med ETP som også bruker port 443 (Skype?)
- Dersom man skal ha en kopi av ETP på samme maskin som ETA





# Tilpasning av nettverk, forts.

Oracle VM VirtualBox Manager

File Machine Help

New Settings Discard Start

Details Snapshots

**General**

Name: Test-ETP-0.93.1-20160303.01  
Operating System: Red Hat (32-bit)

**System**

Base Memory: 1024 MB  
Boot Order: Floppy, Optical, Hard Disk  
Acceleration: PAE/NX, KVM Paravirtualization

**Display**

Video Memory: 15 MB  
Remote Desktop Server: Disabled  
Video Capture: Disabled

**Storage**

Controller: IDE  
IDE Secondary Master: [Optical Drive] Empty  
Controller: SCSI  
SCSI Port 0: KDRS-ETP-0.93.1-20160303.01-disk1.vmdk (Normal, 60,00 GB)

**Audio**

Disabled

**Network**

Adapter 1: Intel PRO/1000 MT Desktop (NAT)

**USB**

USB Controller: OHCI  
Device Filters: 0 (0 active)

**Shared folders**

Shared Folders: 1

**Description**

Virtual Appliance med ETP for KDRS' medlemmer.

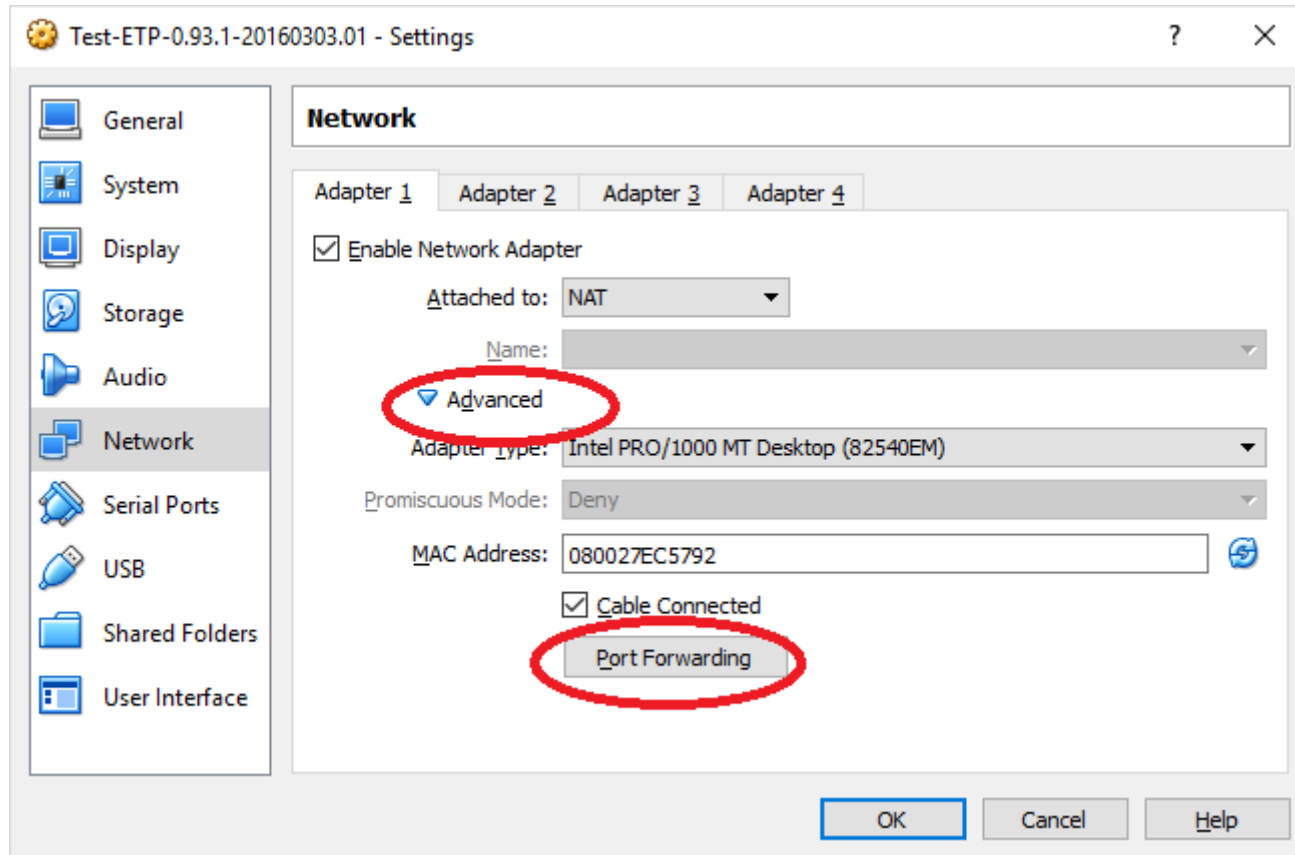
Preview: Test-ETP-0.93.1-20160303.01

Machine List:

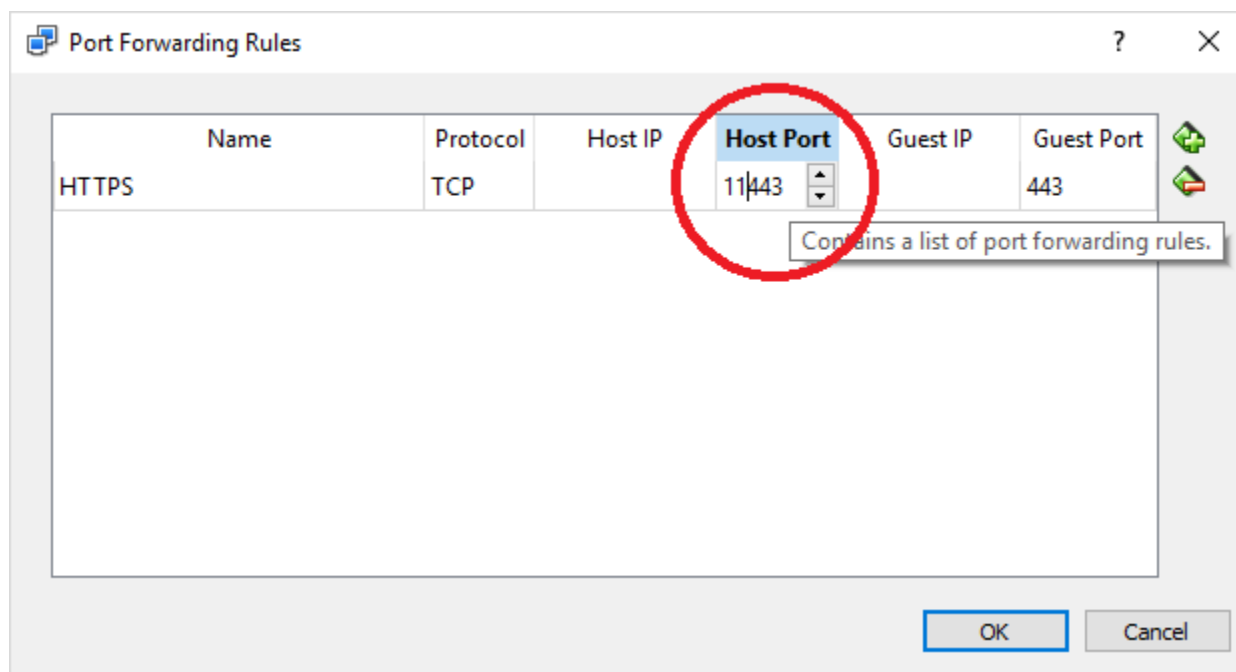
- KDRS-ET (Powered Off)
- KDRS-ET-Base 20160224 saved (Powered Off)
- KDRS-ET-Base-20160224 Clone (Powered Off)
- KDRS-ET-Base-20160224.001 (Powered Off)
- KDRS-ETP-20160226.001 (Powered Off)
- KDRS-ETA-20160226.001 (Powered Off)
- KDRS-ET-Base-20160229.001 (Powered Off)
- KDRS-ETP-151230-20160302.01 (Powered Off)
- Test-ETP-151230-20160302.01\_1 (Powered Off)
- KDRS-ETP-0.93.1-20160303.01 (Powered Off)
- KDRS-ETA-0.93.1-20160303.01 (Powered Off)
- Test-ETP-0.93.1-20160303.01 (Powered Off)



# Tilpasning av nettverk, forts.



# Tilpasning av nettverk, forts.



# Utvide diskplass i ESSArch Tools

- ETP og ETA malene er laget såpass små at det skal gå greit å installere på medbragt laptop på kurset. Det kan bli for lite plass til store arkivpakker i produksjon.
- Flere kopier av arkivpakker i arbeid. Noen av kopiene legges på de delte mappene – bruker ikke av VMenes interne plass.
- Vi gjør dette ved å legge til en ny virtuell disk.



# Utvide diskplass i ESSArch Tools

The screenshot displays the Oracle VM VirtualBox Manager interface. On the left, a list of virtual machines is shown, with 'Test-ETP-0.93.4-20160503.01' selected and highlighted in blue. The main window shows the settings for this VM, with the 'Storage' tab selected and circled in red. The 'Storage' section shows a controller of type IDE and a secondary master device named 'KDRS-ETP-0.93.4-20160503.01-disk1.vmdk' with a capacity of 60,00 GB. Other tabs like General, System, Display, Audio, Network, USB, Shared folders, and Description are also visible.

**General**  
Name: Test-ETP-0.93.4-20160503.01  
Operating System: Red Hat (32-bit)

**System**  
Base Memory: 1024 MB  
Boot Order: Floppy, Optical, Hard Disk  
Acceleration: PAE/NX, KVM Paravirtualization

**Display**  
Video Memory: 15 MB  
Remote Desktop Server: Disabled  
Video Capture: Disabled

**Storage**  
Controller: IDE  
IDE Secondary Master: [Optical Drive] Empty  
Controller: SCSI  
SCSI Port 0: KDRS-ETP-0.93.4-20160503.01-disk1.vmdk (Normal, 60,00 GB)

**Audio**  
Disabled

**Network**  
Adapter 1: Intel PRO/1000 MT Desktop (NAT)

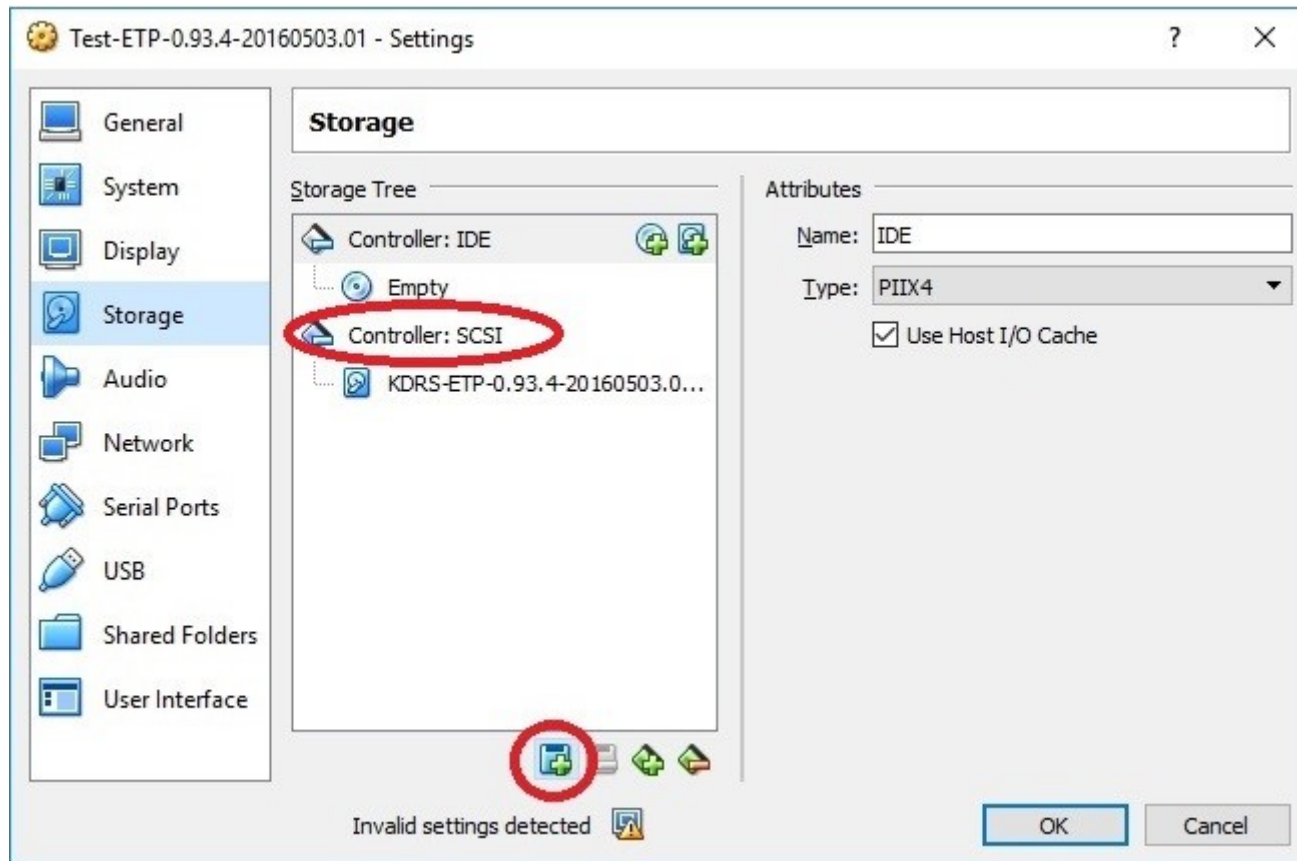
**USB**  
USB Controller: OHCI  
Device Filters: 0 (0 active)

**Shared folders**  
Shared Folders: 2

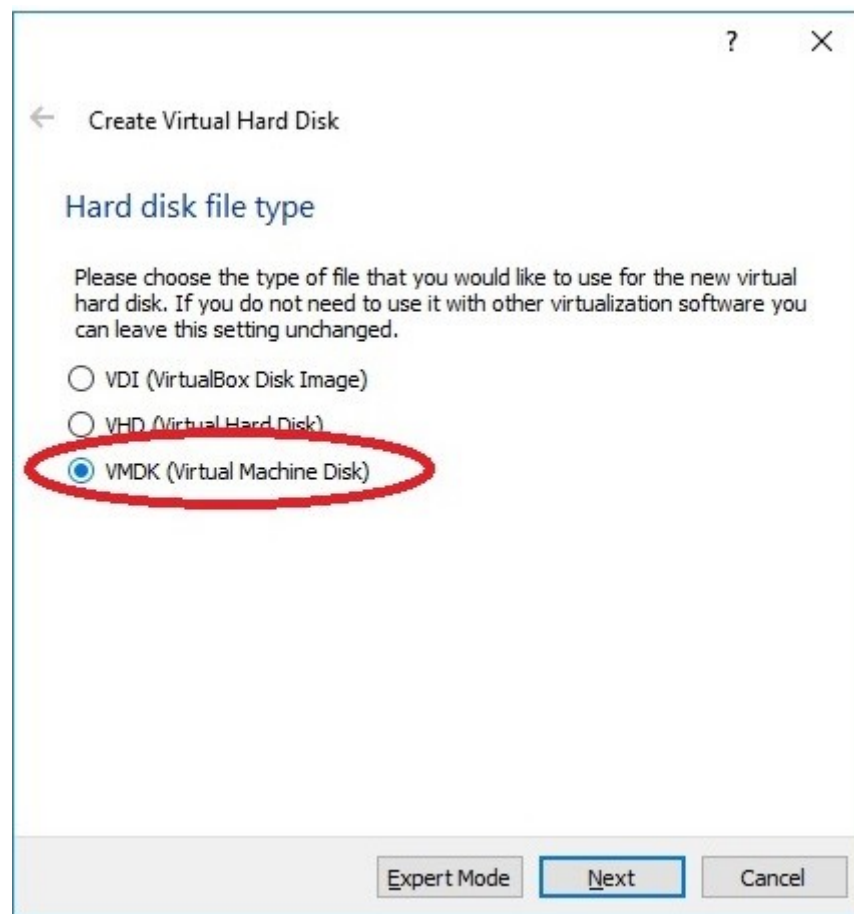
**Description**  
Appliance med ETP for KDRS' medlemmer.  
ETP 0.93.4  
Virtual Appliance built: 2016-05-03



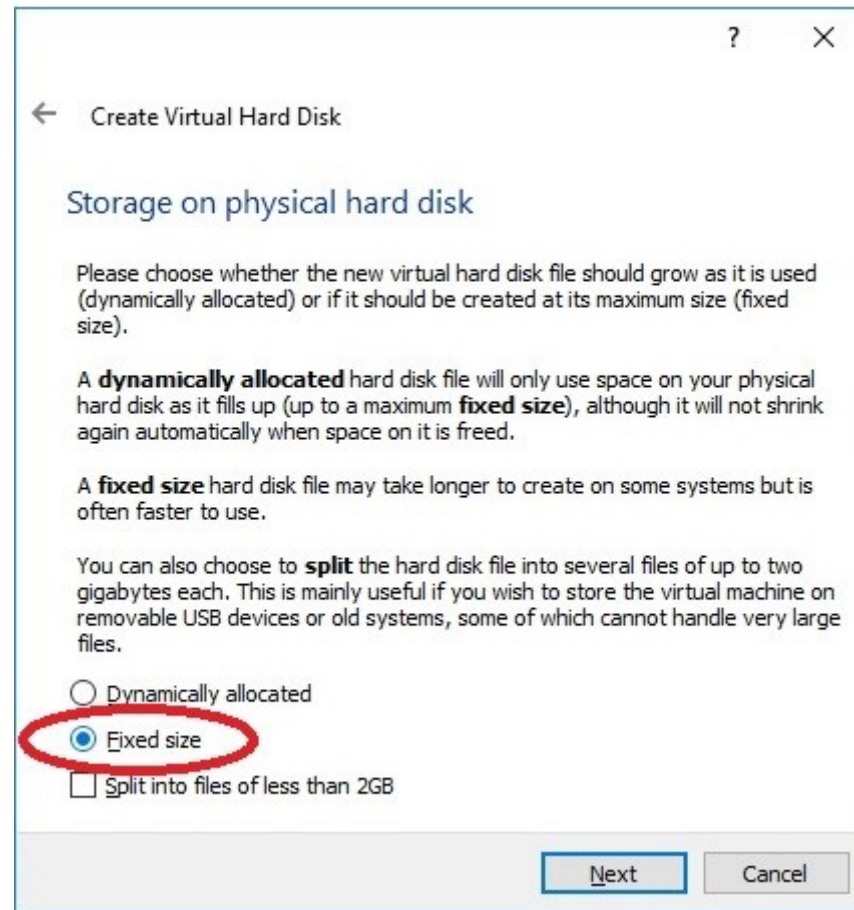
# Utvide diskplass i ESSArch Tools



# Utvide diskplass i ESSArch Tools

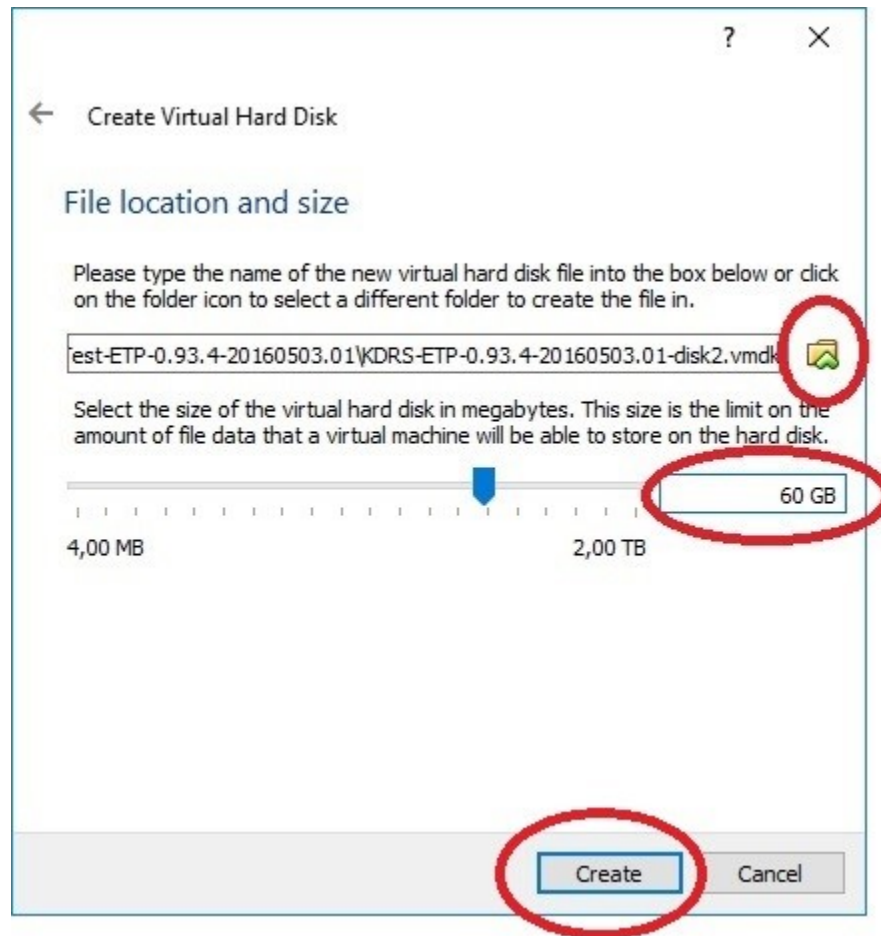


# Utvide diskplass i ESSArch Tools

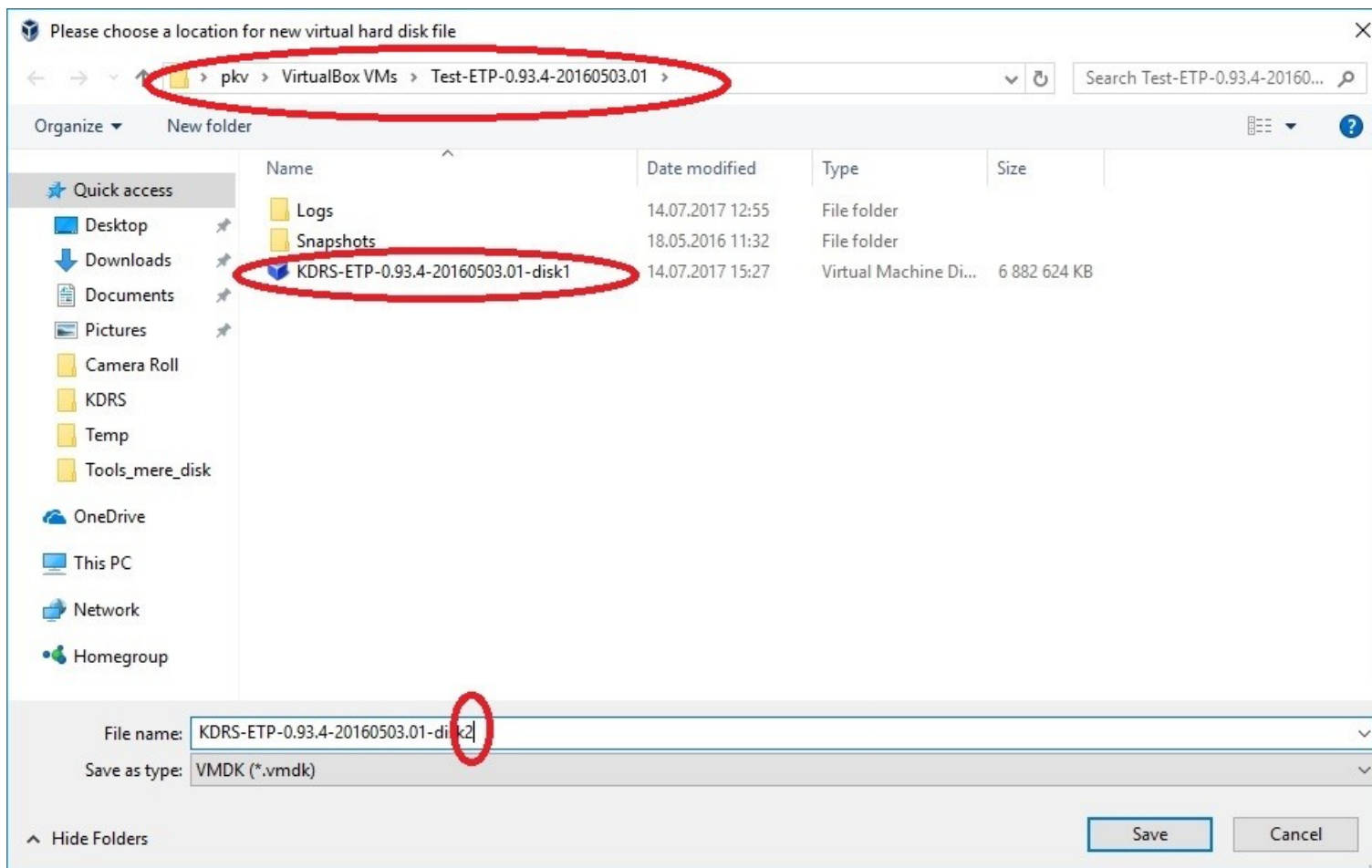




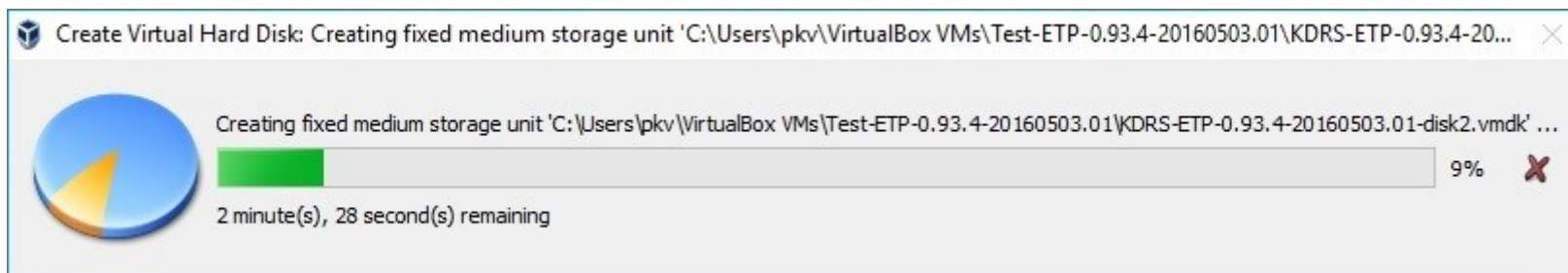
# Utvide diskplass i ESSArch Tools



# Utvide diskplass i ESSArch Tools



# Utvide diskplass i ESSArch Tools



# Utvide diskplass i ESSArch Tools

The screenshot displays the Oracle VM VirtualBox Manager interface. On the left, a list of virtual machines is shown, with 'Test-ETP-0.93.4-20160503.01' selected. The main window shows the settings for this VM, with the 'Storage' section highlighted by a red circle. The 'Storage' section shows the following configuration:

- Controller: IDE
- IDE Secondary Master: [Optical Drive] Empty
- Controller: SCSI
- SCSI Port 0: KDRS-ETP-0.93.4-20160503.01-disk1.vmdk (Normal, 60,00 GB)
- SCSI Port 1: KDRS-ETP-0.93.4-20160503.01-disk2.vmdk (Normal, 60,00 GB)

Other sections visible include General (Name: Test-ETP-0.93.4-20160503.01, Operating System: Red Hat (32-bit)), System (Base Memory: 1024 MB, Boot Order: Floppy, Optical, Hard Disk, Acceleration: PAE/NX, KVM Paravirtualization), Display (Video Memory: 15 MB, Remote Desktop Server: Disabled, Video Capture: Disabled), Audio (Disabled), Network (Adapter 1: Intel PRO/1000 MT Desktop (NAT)), USB (USB Controller: OHCI, Device Filters: 0 (0 active)), Shared folders (Shared Folders: 2), and Description (Appliance med ETP for KDRS' medlemmer. ETP 0.93.4. Virtual Appliance built 2016-05-03).



# Ferdig

- Da er det klart til å starte VMen.
- 2019-utgavene av malene har fått et par nye funksjoner i forhold til de tidligere:
  - Kobling av “Transfer” til rett sted (ETA).
  - Ny virtuell disk som er lagt til oppdages og legges til systemet ved oppstart. (Tidligere oppskrift på å logge inn i Linux gjelder ikke lenger.)



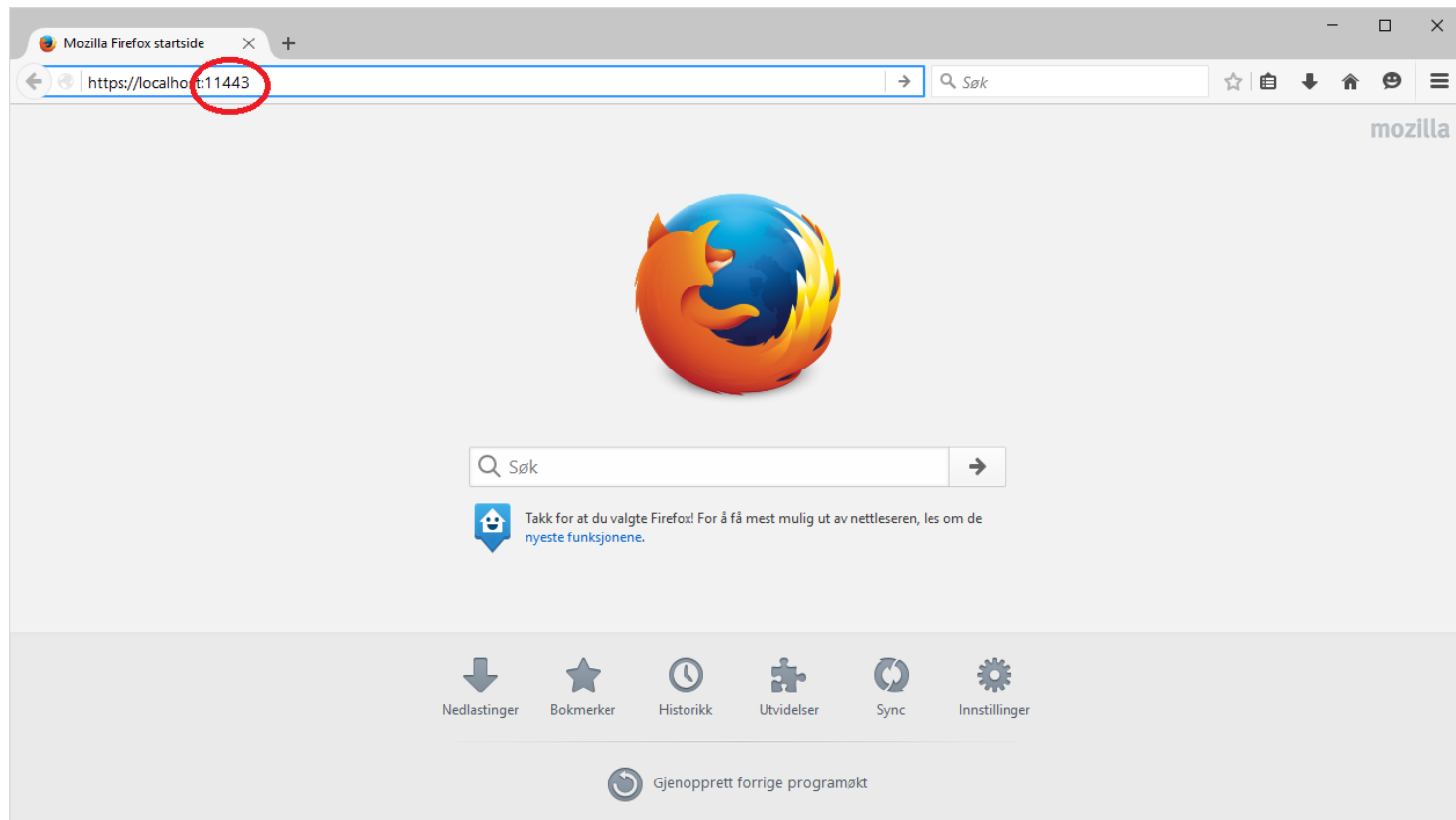
# Gjenta alt for ETA

- I «Shared folders» erstatt «Prepare» med «Transfer».
- Dersom ETP og ETA er på samme verts PC, må en annen port deles for «NATing» av 443.
- Ellers er det likt.



# ESSArch tools tilpassing og brukeradministrasjon

- <https://localhost> evt. <https://localhost:<port>>



# ESSArch tools tilpassing og brukeradministrasjon

- Standard pålogging første gang er  
bruker: admin passord: admin
- Nødvendig tilpasninger før vi begynner:
  - Brukeradministrasjon
  - E-Postadresse til postmottak (ETP)
  - Dataoverføringsadresse (ETA)
  - Standardverdier for SIP metadata (ETP)





# Brukeradministrasjon

The screenshot shows a web browser window with the address bar displaying `https://localhost:11443`. The page title is "ESSArch Tools for Producer". The user is logged in as "admin @ zone1" and can "Change password / Log out". The navigation menu includes "INFORMATION PACKAGE", "LOG EVENTS", "MANAGEMENT", and "Ht .P". The "MANAGEMENT" menu is highlighted with a red circle, and its dropdown options are "Information Packages" and "Configuration". The status bar at the bottom left shows `https://localhost:11443/admin`.



# Brukeradministrasjon, forts.

ESSArch Tools for Producer

https://localhost:11443/admin/

ESSArch Tools for Producer

WELCOME, admin @ . Change password / Log out

INFORMATION PACKAGE LOG EVENTS MANAGEMENT HELP

### Site administration

Authentication and Authorization

Groups	<a href="#">+ Add</a> <a href="#">Change</a>
Users	<a href="#">+ Add</a> <a href="#">Change</a>

Configuration

Ip parameters	<a href="#">+ Add</a> <a href="#">Change</a>
Log Events	<a href="#">+ Add</a> <a href="#">Change</a>
Parameters	<a href="#">+ Add</a> <a href="#">Change</a>
Paths	<a href="#">+ Add</a> <a href="#">Change</a>
XML Schemas	<a href="#">+ Add</a> <a href="#">Change</a>

Ip

Information packages	<a href="#">+ Add</a> <a href="#">Change</a>
----------------------	--

Profiles

Agent profiles	<a href="#">+ Add</a> <a href="#">Change</a>
Classification profiles	<a href="#">+ Add</a> <a href="#">Change</a>
Data selection profiles	<a href="#">+ Add</a> <a href="#">Change</a>
Import profiles	<a href="#">+ Add</a> <a href="#">Change</a>
Transfer project profiles	<a href="#">+ Add</a> <a href="#">Change</a>

Recent Actions

My Actions

None available



# Brukeradministrasjon, forts.

The screenshot shows a web browser window with the URL `https://localhost:11443/admin/auth/user/add/`. The page title is "ESSArch Tools for Producer". The user is logged in as "admin @". The navigation menu includes "INFORMATION PACKAGE", "LOG EVENTS", "MANAGEMENT", and "HELP". The breadcrumb trail is "Home > Authentication and Authorization > Users > Add user".

## Add user

First, enter a username and password. Then, you'll be able to edit more user options.

**Username:**   
Required. 30 characters or fewer. Letters, digits and @/./+/-/\_ only.

**Password:**

**Password confirmation:**   
Enter the same password as above, for verification.



# Brukeradministrasjon, forts.

ESSArch Tools for Producer

https://localhost:11443/admin/auth/user/3/

The user "pkv" was added successfully. You may edit it again below.

### Change user

Username:

Required: 30 characters or fewer. Letters, digits and @/./+/-/\_ only.

Password: **algorithm: pbkdf2\_sha256 iterations: 20000 salt: pEPYRV\*\*\*\*\* hash: RSzslly\*\*\*\*\***

Raw passwords are not stored, so there is no way to see this user's password, but you can change the password using [this form](#).

#### Personal info

First name:

Last name:

Email address:

#### Permissions

Active  
Designates whether this user should be treated as active. Unselect this instead of deleting accounts.

Staff status  
Designates whether the user can log into this admin site.

Superuser status  
Designates that this user has all permissions without explicitly assigning them.

#### Groups

Available groups:

Chosen groups:

The groups this user belongs to. A user will get all permissions granted to each of their groups. Hold down "Control", or "Command" on a Mac, to select more than one.

Choose all Remove all

#### User permissions

Available user permissions:

Chosen user permissions:

Specific permissions for this user. Hold down "Control", or "Command" on a Mac, to select more than one.

- admin | log entry | Can add log entry
- admin | log entry | Can change log entry
- admin | log entry | Can delete log entry
- auth | group | Can add group
- auth | group | Can change group
- auth | group | Can delete group



# Oppsettsparametre

- ETP: epostadresse for oversending av info.xml for nye arkivpakker til postmottak for journalføring.
- ETA: URL for opplasting til EPP
- (ETP: i noen tilfeller kan det være hensiktsmessig med opplasting direkte inn i ETA)
- Standardverdier for IP-parametre (ETP)



# Oppsettsparmetre, forts.

The screenshot shows the administration interface for ESSArch Tools for Producer. The browser address bar indicates the URL is `https://localhost:11443/admin/`. The page title is "ESSArch Tools for Producer" and the user is logged in as "admin @".

The main content area is titled "Site administration" and is organized into several sections:

- Authentication and Authorization**
  - Groups: Add, Change
  - Users: Add, Change
- Configuration**
  - Ip parameters: Add, Change
  - Log Events: Add, Change
  - Parameters**: Add, Change (highlighted with a red circle)
  - Ports: Add, Change
  - XML Schemas: Add, Change
- Ip**
  - Information packages: Add, Change
- Profiles**
  - Agent profiles: Add, Change
  - Classification profiles: Add, Change
  - Data selection profiles: Add, Change
  - Import profiles: Add, Change
  - Transfer project profiles: Add, Change

A "Recent Actions" sidebar on the right shows "My Actions" and "None available".

The browser address bar at the bottom shows the URL: `https://localhost:11443/admin/configuration/parameter/`



# Oppsettsparametre, forts. - ETP

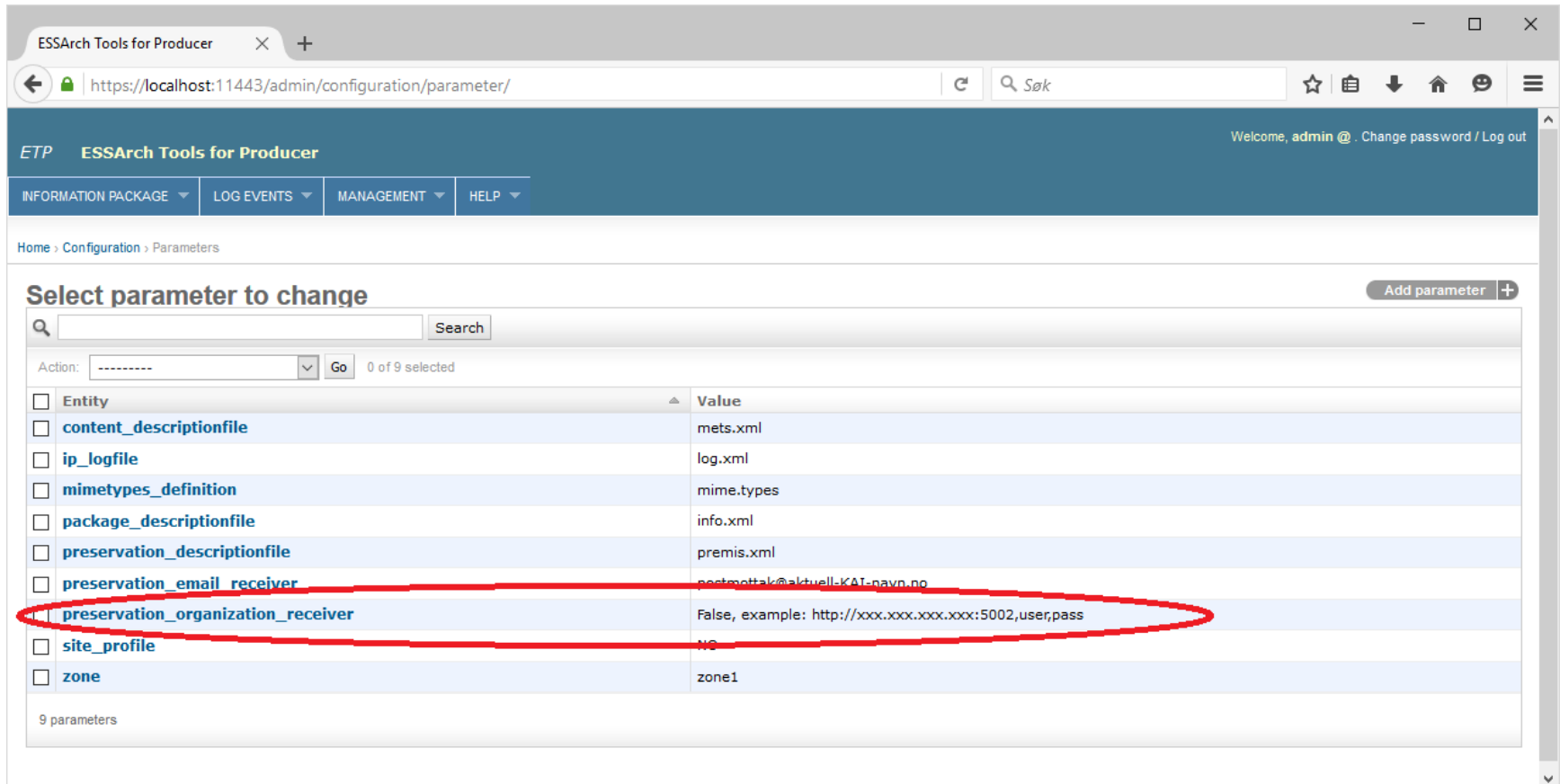
The screenshot shows the 'ESSArch Tools for Producer' configuration interface. The page title is 'Select parameter to change'. There is a search bar and an 'Add parameter' button. Below is a table of parameters with checkboxes for selection. The 'preservation\_email\_receiver' parameter is circled in red.

Entity	Value
<input type="checkbox"/> content_descriptionfile	mets.xml
<input type="checkbox"/> ip_logfile	log.xml
<input type="checkbox"/> mimetypes_definition	mime.types
<input type="checkbox"/> package_descriptionfile	info.xml
<input type="checkbox"/> preservation_descriptionfile	premis.xml
<input checked="" type="checkbox"/> preservation_email_receiver	postmottak@aktuell-KAI-navn.no
<input type="checkbox"/> preservation_organization_receiver	raise, example: http://xxx.xxx.xxx.xxx:5002,user,pass
<input type="checkbox"/> site_profile	NO
<input type="checkbox"/> zone	zone1

9 parameters



# Oppsettsparametre, forts.



The screenshot shows the 'ESSArch Tools for Producer' configuration interface. The page title is 'Select parameter to change'. Below the title is a search bar and a table of parameters. The 'preservation\_organization\_receiver' parameter is highlighted with a red oval. The table has two columns: 'Entity' and 'Value'. The 'preservation\_organization\_receiver' row shows a value of 'False, example: http://xxx.xxx.xxx.xxx:5002,user,pass'.

Entity	Value
<input type="checkbox"/> content_descriptionfile	mets.xml
<input type="checkbox"/> ip_logfile	log.xml
<input type="checkbox"/> mimetypes_definition	mime.types
<input type="checkbox"/> package_descriptionfile	info.xml
<input type="checkbox"/> preservation_descriptionfile	premis.xml
<input type="checkbox"/> preservation_email_receiver	postmottak@aktuell-KAI-nayn.no
<input checked="" type="checkbox"/> preservation_organization_receiver	False, example: http://xxx.xxx.xxx.xxx:5002,user,pass
<input type="checkbox"/> site_profile	NO
<input type="checkbox"/> zone	zone1

9 parameters





# Oppsettsparametre, forts. - ETP

The screenshot shows a web browser window with the URL `https://localhost:11443/admin/configuration/parameter/8/`. The page title is "ESSArch Tools for Producer". The breadcrumb navigation is "Home > Configuration > Parameters > preservation\_organization\_receiver". The main heading is "Change parameter". The "Entity" field is "preservation\_organization\_receiver". The "Value" field is "https://192.168.75.160:12443,reta,reta", which is circled in red. Below the form are buttons for "Delete", "Save and add another", "Save and continue editing", and "Save".

ESSArch Tools for Producer

Welcome, admin @ . Change password / Log out

INFORMATION PACKAGE LOG EVENTS MANAGEMENT HELP

Home > Configuration > Parameters > preservation\_organization\_receiver

### Change parameter

History

Entity: preservation\_organization\_receiver

Value: https://192.168.75.160:12443,reta,reta

Delete Save and add another Save and continue editing Save



# Oppsettsparametre, forts. - ETA

The screenshot shows the 'Parameters' configuration page in the ESSArch Tools for Archive interface. The page title is 'Select parameter to change'. There is a search bar and an 'Add parameter' button. Below is a table of parameters with checkboxes for selection. The 'preservation\_organization\_receiver' parameter is circled in red.

Entity	Value
<input type="checkbox"/> content_descriptionfile	mets.xml
<input type="checkbox"/> ip_logfile	log.xml
<input type="checkbox"/> mimetypes_definition	mime.types
<input type="checkbox"/> package_descriptionfile	info.xml
<input type="checkbox"/> preservation_descriptionfile	premis.xml
<input type="checkbox"/> preservation_email_receiver	receiver@archive.xxx
<input checked="" type="checkbox"/> preservation_organization_receiver	https://essarch-test.kdrs.no,ESSArch1_upload,ESSArch1_A1
<input type="checkbox"/> site_profile	NO
<input type="checkbox"/> zone	zone2

9 parameters



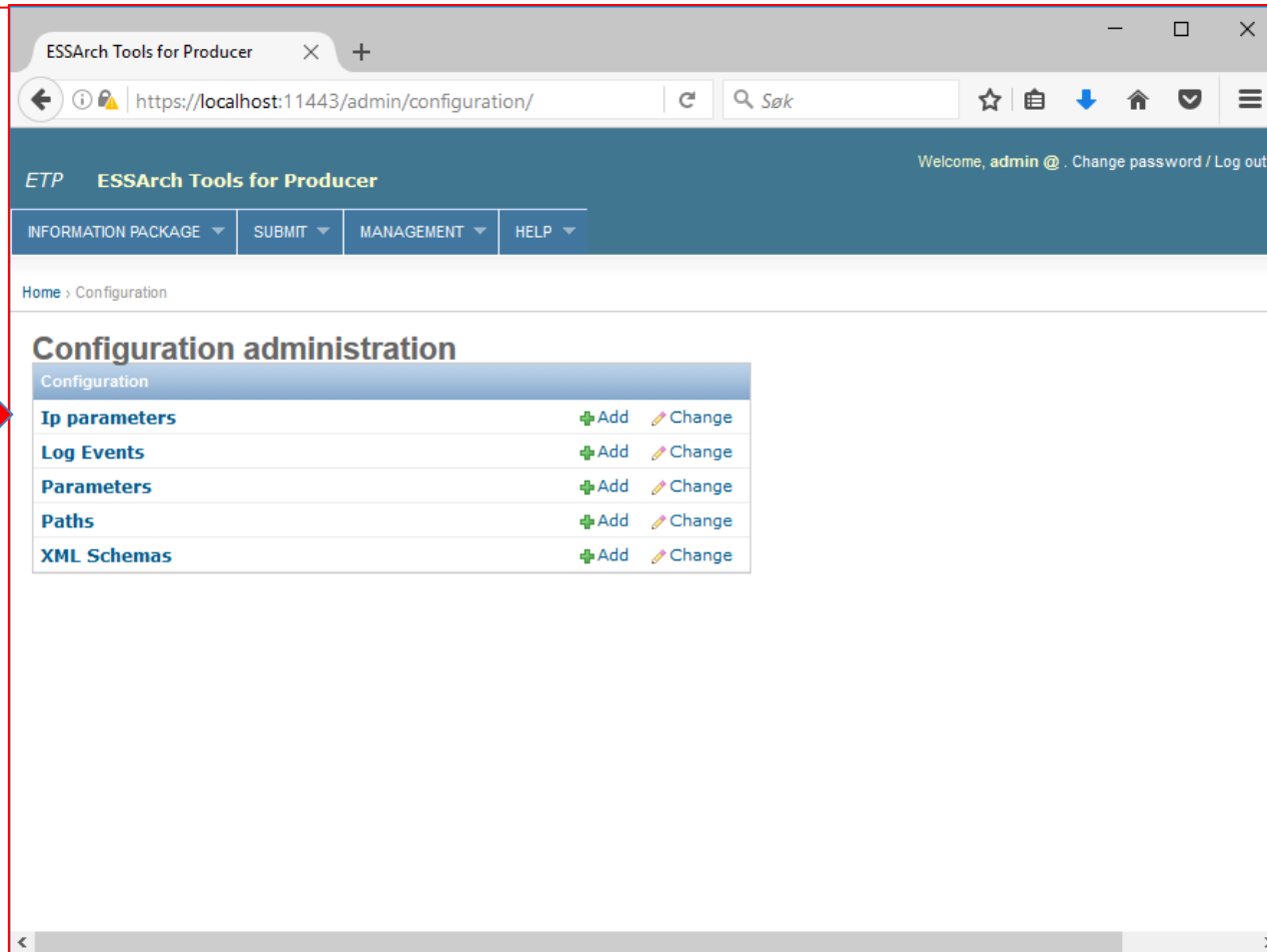
# Oppsettsparametre, forts.

## Adresser for kurset

- ESSArch2:  
<https://essarch2.kdrs.no>,ESSArch2\_upload,ESSArch2\_A2
- ESSArch3  
<https://essarch3.kdrs.no>,ESSArch3\_upload,ESSArch3\_A3
- ESSArch4:  
<https://essarch4.kdrs.no>,ESSArch4\_upload,ESSArch4\_A0
- For overføring med FileZilla eller USB-drive:  
False,<https://essarch-test.kdrs.no>,ESSArch1\_upload,ESSArch1\_A1



# IP Parametre



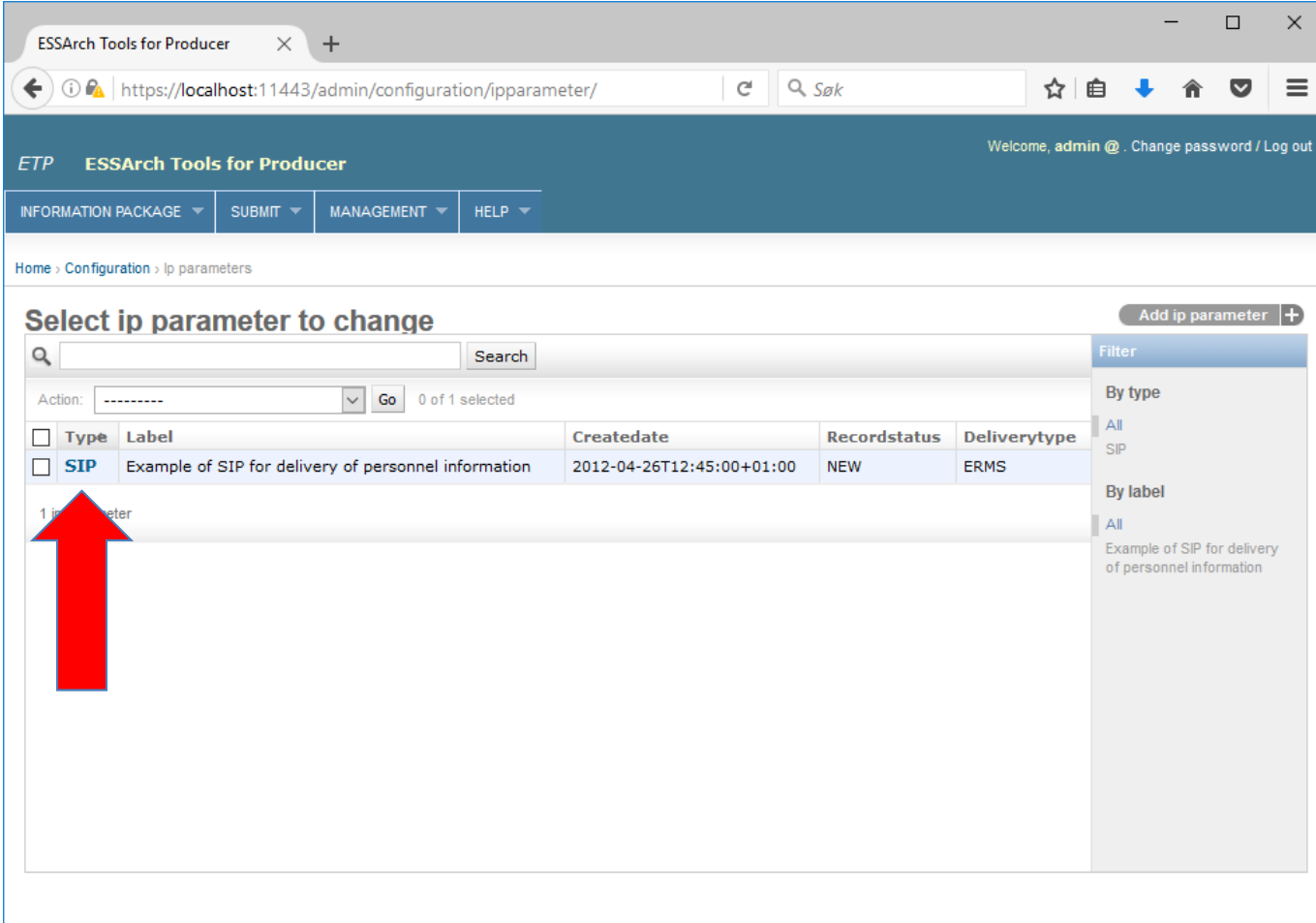
The screenshot shows a web browser window with the URL `https://localhost:11443/admin/configuration/`. The page title is "ESSArch Tools for Producer" and the user is logged in as "admin @". The navigation menu includes "INFORMATION PACKAGE", "SUBMIT", "MANAGEMENT", and "HELP". The breadcrumb trail is "Home > Configuration". The main content area is titled "Configuration administration" and contains a table of configuration items:

Configuration	
<b>Ip parameters</b>	<a href="#">+ Add</a> <a href="#">Change</a>
<b>Log Events</b>	<a href="#">+ Add</a> <a href="#">Change</a>
<b>Parameters</b>	<a href="#">+ Add</a> <a href="#">Change</a>
<b>Paths</b>	<a href="#">+ Add</a> <a href="#">Change</a>
<b>XML Schemas</b>	<a href="#">+ Add</a> <a href="#">Change</a>

A large red arrow points from the left side of the image to the "Ip parameters" row in the table.



# IP Parametre, forts.



The screenshot shows a web browser window with the URL `https://localhost:11443/admin/configuration/ipparameter/`. The page title is "ESSArch Tools for Producer". The user is logged in as "admin @". The page displays a table of IP parameters with the following data:

Type	Label	Createdate	Recordstatus	Deliverytype
<input type="checkbox"/> SIP	Example of SIP for delivery of personnel information	2012-04-26T12:45:00+01:00	NEW	ERMS

A red arrow points to the "SIP" entry in the table. The page also includes a search bar, a filter sidebar, and a "Add ip parameter" button.



# IP Parametre, forts.

The screenshot shows a web browser window with the URL `https://localhost:11443/admin/configuration/ipparameter/1/`. The page title is "ESSArch Tools for Producer". The user is logged in as "admin @". The navigation menu includes "INFORMATION PACKAGE", "SUBMIT", "MANAGEMENT", and "HELP". The breadcrumb trail is "Home > Configuration > Ip parameters > SIP".

### Change ip parameter

History

Label:	Example of SIP for delivery of person
Type:	SIP
Objid:	UUID:550e8400-e29b-41d4-a716-446655440004
Createdate:	2012-04-26T12:45:00+01:00
Recordstatus:	NEW
Deliverytype:	ERMS

General metadata for information package ([Show](#))

Metadata for Archivist organization ([Show](#))

Metadata for Creator organization ([Show](#))

Metadata for Producer organization ([Show](#))

Metadata for Submitter organization ([Show](#))

A large red arrow points to the "General metadata for information package (Show)" section.



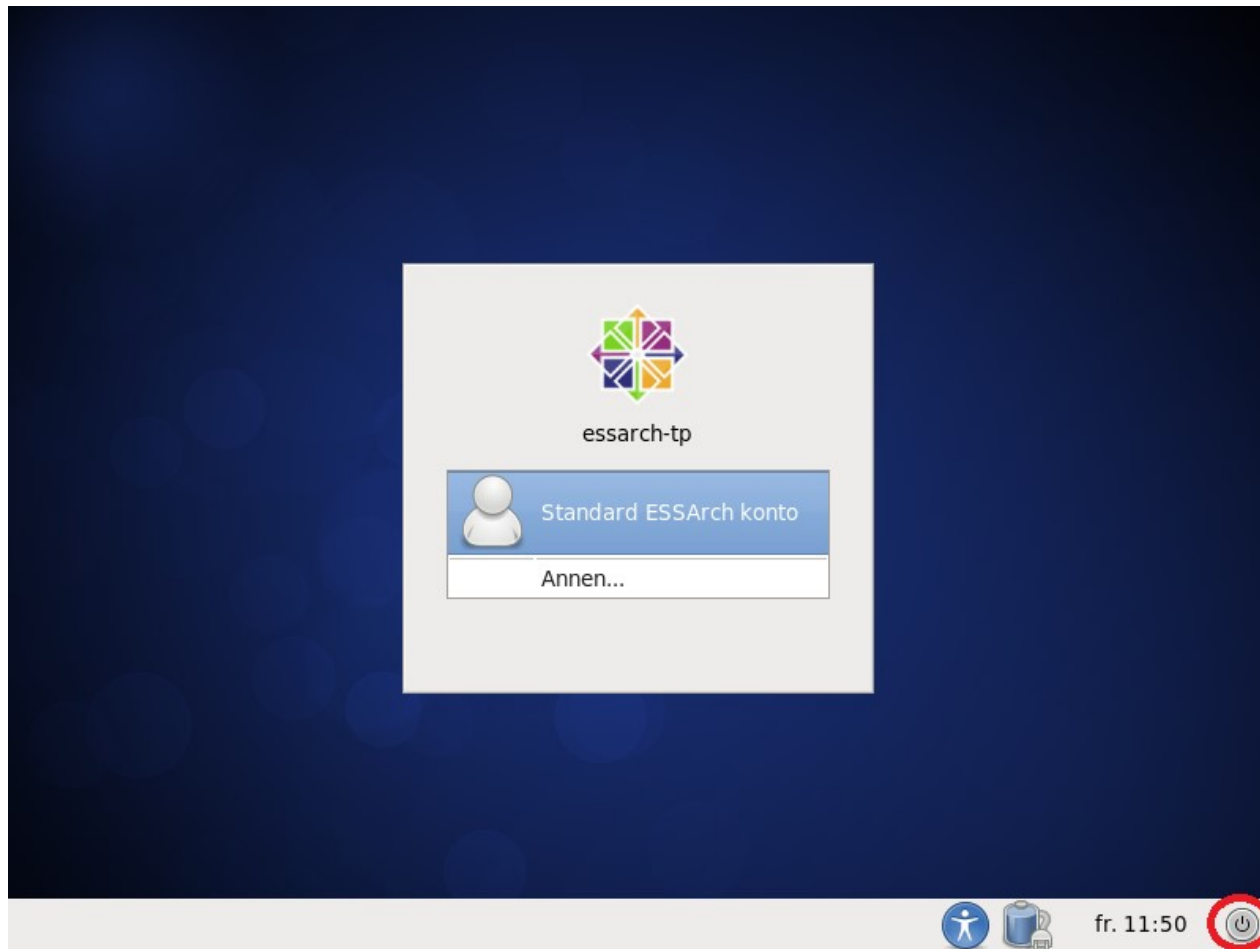
# KDRS-KAI ESSARch oppsett

[https://docs.google.com/spreadsheets/d/1N3RgxnGjFn-DllUufdmolrq\\_IVfYlh5f5bU4QyLXG-s/edit#gid=128647248](https://docs.google.com/spreadsheets/d/1N3RgxnGjFn-DllUufdmolrq_IVfYlh5f5bU4QyLXG-s/edit#gid=128647248)

ET-1	A	B	C	D	E	F	G	H	I	J	K
1	ET-1	ET-2	IKAMR ESSArch Tools	IKAR ESSArch Tools	IP parameters (management/configuration/ip parameters) Informasjon om roller knyttet til arkiv og leveranse	IKAMR ESSArch Tools settings	IKAR ESSArch Tools settings	Mal	Mets SIP	Mets AIP	DI/
2											
3											
4											
5											
6	A				Change ip parameter						
7	ET02	A01	1315_1 Symfoni (1998-2006)	1102_1 DocuLive (1990-1999)	Label (ror ikke denne har en funksjon)	11KR_N <system> (fra-til år)	11KR_N <system> (fra-til år)	FFKK_N <system> (fra-til)			
8		A02			Type	SIP	SIP	SIP			
9		A03			Objid	<UUID som ikke kan endres>	<UUID som ikke kan endres>	<UUID som ikke kan endres>			
10		A04			Createdate	2016-10-28T14:26:00+01:00	2016-10-28T14:26:00+01:00	2016-10-28T14:26:00+01:00	x	x	
11		A05			Recordstatus	NEW	NEW	NEW	x		
12		A06	Default = ?	> Opptrer i AIP-METS (betyr?)	Deliverytype	Ikke i bruk	Ikke i bruk	Ikke i bruk		x	
13											
14	B				General metadata for information package						
15		B01	Default = ?	> Opptrer i AIP-METS (betyr?)	Deliveryspecifcation	Ikke i bruk	Ikke i bruk	Ikke i bruk			x
16	ET03	B02	IKAMR 16/1715-3; 2016-10-17	IKAR 16/saknr-doknr; yyyy-mm-dd	Submissionagreement	IKAMR 16/saknr-jp; yyyy-mm-dd	IKAR 16/saknr-doknr; yyyy-mm-dd	<KA> yy/saknr-doknr; yyyy-mm-dd	x	x	
17		B03			Systemtype	KOARK	NOARK-4	NOARK-<versj>/fagsystem			x
18		B04			Previousubmissionagreement	Ikke i bruk	Ikke i bruk	Ikke i bruk			
19		B05			Datasubmissionsession	Ikke i bruk	Ikke i bruk	Ikke i bruk			
20		B06			Packagenumber	Ikke i bruk	Ikke i bruk	Ikke i bruk			
21		B07			Referencecode	Ikke i bruk	Ikke i bruk	Ikke i bruk			
22		B08			Previousreferencecode	Ikke i bruk	Ikke i bruk	Ikke i bruk			
23		B09			Appraisal	Ikke i bruk	Ikke i bruk	Ikke i bruk			
24		B10			Accessrestrict	Ikke i bruk	Ikke i bruk	Ikke i bruk			
25	ET04	B11	1996-08-18	1999-02-12	Startdate	yyyy-mm-dd	yyyy-mm-dd	yyyy-mm-dd	x	x	
26	ET05	B12	2006-12-31	2007-05-20	Enddate	yyyy-mm-dd	yyyy-mm-dd	yyyy-mm-dd	x	x	
27		B13	Default = 1	> Opptrer i AIP-METS (betyr?)	Informationclass ?						x
28		B14			Comments ?	Ikke i bruk	Ikke i bruk	Ikke i bruk			x
29											
30	C				Metadata for Archivist organization	Arkivskaper til SIP					Ark
31	ET01	C01	1175 Hesty Kommune	1102 Sandnes Kommune	Archivist organization name	Systemubmissionagreement	Systemubmissionagreement	kommunenr./orgnr. + navn	x	x	
32		C02			Archivist organization id	1515	1102 (kommer trolig ikke med iht. METS?)	kommunenr./orgnr			
33	ET06	C03	Cinet Symfoni	1102_1 DocuLive	Archivist organization software	Systemnavn	Systemnavn	Systemnavn	x	x	
34	ET07	C04	4.3	Ukjent	Archivist organization software id	<versjon nr>/Ukjent	<versjon nr>/Ukjent	<versjon nr>/Ukjent	x	x	
35	ET08	C05	Lotus Notes/Lotus Domino	MSSQL-server	Archivist organization software type	DB-plattform	DB-plattform	Database/Server platform	x	x	
36		C06			Archivist organization software type version	6.5	2000	<versjon nr>/Ukjent			
37		C07			Archivist individual	Ikke i bruk	Ikke i bruk	Ikke i bruk			
38		C08			Archivist individual telephone	Ikke i bruk	Ikke i bruk	Ikke i bruk			
39		C09			Archivist individual email	Ikke i bruk	Ikke i bruk	Ikke i bruk			
40											
41	D				Metadata for Creator organization	METS-creator/Metadatas ansvar					ME
	ET09	D01	Interkommunalt Arkiv for Mar	Sandnes kommune	Creator organization	Teknisk skaper av METS-dokument	Teknisk produsent av METS-dokument	Teknisk produsent av METS-dokument	x	x	



# Avslutte ESSArch Tools VM





# Avslutning del 2

I denne sesjonen har vi tatt for oss:

- Etablering av VMer for ETP og ETA i VirtualBox.
- Nødvendige tilpassninger av ETP og ETA til vårt miljø.
- Nedstenging av ETP og ETA VMer.

