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Kommunearkivinstitusjonenes Digitale RessursSenter

#### **KDRS** digitalt depot Del 1 - Oppkobling 9. juni 2016

# Oppkobling til KDRS depot

- Sikker tilgang krever to komponenter
  - FortiClient VPN for sikker oppkobling
  - Tofaktorautentisering:
    - VPN passord
    - Engangskode fra FortiToken mobilapp.



## Oppkobling til KDRS depot

I første del av kurset vil vi ta for oss:

- Nedlasting og oppsett av FortiClient
- Installasjon av FortiToken på iPhone og Android
- VPN pålogging















#### New Features for Windows & Mac FortiClient v5.4

- + Client Quarantine
- + FortiSandbox Integration
- + Certificate Provisioning

- + Central Management using EMS
- + Improved Remote Logging & Reporting

#### FREE Download





Awards

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FortiClient is also available on

Share with a button



#### Installer FortiClient

| FortiClient Installer                        |        |
|--|--------|
| – Status<br>Unpacking downloaded image (32%) | Cancel |



#### Installere FortiClient

| FortiClient Vir  | us Cleaner         |  |                  |   | × |
|--|--------------------|--|------------------|---|---|
| Scanning for virus   | es and malware, th | nis will take a couple of m                        | inutes           |   |   |
| Action:<br>Location:<br>Item:<br>Scanned files:<br>Infected files: | Scan running pro   | ncesses<br>ned boot blocks: 0<br>ed boot blocks: 0 | $\searrow$       | 1001101101<br>1010001010<br>07 101 010<br>0 0111 100<br>0111 100<br>0111 0101<br>0101110101 |   |
| Infected item list:  | Pause              | Stop   |                  |   |   |
| Status   | Virus              |  | Infected Item    |   |   |
|  |                    |  |                  |   |   |
|  |                    |  |                  | >   | 1 |
| Log file: C:   | \Users\aka\AppD    | ata\Local\Temp\FCPres                              | ican\logs\a\<br> | View Log  |   |







| B Tottlellelle Setup  | _ |     | ×   |
|---|---|-----|-----|
| Choose Setup Type<br>Choose the setup type that best suits your needs   |   |     |     |
| Complete<br>All Endpoint Security and VPN components will be installed. |   |     |     |
| VPN Only<br>Only VPN components (IPsec and SSL) will be installed.      |   |     |     |
| Back Next   | _ | Can | cel |



| 😸 FortiClient Setup  |                | _               |      | ×  |
|--|----------------|-----------------|------|----|
| Destination Folder<br>Click Next to install to the default folder or | dick Change to | choose another. |      |    |
| Install FortiClient to:  |                |                 |      |    |
| C:\Program Files (x86)\Fortinet\FortiClient                          | N              |                 |      |    |
|  | <u>B</u> ack   | Next            | Cano | el |



| FortiClient Setup     –       Ready to install FortiClient  |  |                |         |
|---|--|----------------|---------|
| Click Install to begin the installation. Click Back to review or change any of your installation settings. Click Cancel to exit the wizard. | FortiClient Setup Installing FortiClient   | -              |         |
|   | Please wait while the Setup Wizard installs For<br>Status: Updating component registration | tiClient.<br>n |         |
| Back  | Ca   |                |         |
| FortiClient Downloading components  | ×  | Back Next      | Cancel  |
| •••••••••••   |  |                | (()) KI |

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| FortiClient    | - 🗆 X  |
|----------------|--|
| File Help      |  |
|                | New VPN Connection                               |
|                | SSL-VPN IPsec VPN                                |
|                | Connection Name                                  |
|                | KDRS Depot                                       |
|                | Description                                      |
|                | Remote Gateway                                   |
|                | depot.kdrs.no                                    |
|                | Authentication<br>O Prompt on login   Save login |
|                | Username   |
|                | aka  |
|                | Client Certificate                               |
|                | Do not Warn Invalid Server Certificate           |
| + -            | Apply Close                                      |
| Protect Your N |  |
| Number One Le  | eader in Unified Threat Management               |



| FortiClient                         | —   | ×      |
|-------------------------------------|---|--------|
| File Help                           |   |        |
| KDRS Depot                          | Edit VPN Connection                                     |        |
|                                     | SSL-VPN IPsec VPN                                       | ^      |
|                                     | Connection Name   |        |
|                                     | KDRS Depot  |        |
|                                     | Description   |        |
|                                     | Remote Gateway  |        |
|                                     | depot.kdrs.no Customize port 443                        |        |
|                                     | Authentication  |        |
|                                     | <ul> <li>Prompt on login</li> <li>Save login</li> </ul> |        |
|                                     | Username  |        |
|                                     | aka   |        |
|                                     | Client Certificate                                      |        |
|                                     | Do not Warn Invalid Server Certificate                  | $\sim$ |
| + -                                 | Apply Close   |        |
| Secure at hon<br>Location-sensitive | ne and away<br>security features adjust as you move.    |        |



| FortiClient  | _   |     | × |
|--|-----|-----|---|
| File Help .  |     |     |   |
| Enable VPN before logon                                  |     |     | ^ |
| ▼ Certificate Management                                 |     |     |   |
| Use local certificate uploads (IPsec only)               |     |     |   |
| AntiVirus Options  |     |     |   |
| Grayware options   |     |     |   |
| Adware 🗹 Riskware  |     |     |   |
| Scan removable media on insertion                        |     |     |   |
| ✓ Alert when viruses are detected                        |     |     |   |
| ✓ Pause background scanning on battery power             |     |     |   |
| ✓ Enable FortiGuard Analytics                            |     |     |   |
| ▼ Advanced   |     |     |   |
| Enable WAN Optimization                                  |     |     |   |
| Enable Single Sign-On mobility agent                     |     |     |   |
| Disable proxy (troubleshooting only)                     |     |     |   |
| Default tab Remote Access                                |     |     | ~ |
| Click the lock to protect configuration changes          | Can | cel |   |
| Secure at home and away                                  | 1 - |     |   |
| Location-sensitive security features adjust as you move. |     |     |   |



## Installasjon av FortiToken

- Finnes App Store for iPhone
- Finnes i Play Store / Google Play for Android
- Tilsvarende for Windows Phone.



#### Søke etter App

| f <u>1</u> 8°      | 0                                   | 🔻 🔽 📋 11:34 |
|--------------------|-------------------------------------|-------------|
| ← fortit           | oken                                | Ŷ           |
| A46291             | FortiToken Mobile                   | :           |
| 20                 | 4.3 🛪                               |             |
|                    | FortiClient VPN                     | :           |
|                    | 4.5 A                               | INSTALLED   |
|                    | SmartVPN<br>DrayTek                 | :           |
|                    | 3.5★                                | FREE        |
| Super              | SuperVPN Free VPN Client            | :           |
|                    | 4.2 🕱                               | FREE        |
| Ω                  | strongSwan VPN Client               | :           |
|                    | 4.3 🛪                               | FREE        |
| ~                  | AnyConnect<br>Cisco Systems, Inc. I | :           |
|                    | 4.2 丙                               | FREE        |
|                    |                                     |             |
| $\bigtriangledown$ | 0                                   |             |

| ●●●○○ N Telenor | Ŷ                  | 11.28   |      | 🕑 80 % 🔳 )         |
|-----------------|--------------------|---|------|--------------------|
| Q fortitoken    | mobile             | )   |      | 0                  |
| 386231          | FortiTo<br>Fortine | oken Mobile<br>t  |      | HENT<br>Kjøp i app |
|                 | Carrier 🗢          | 10:22 AM  | -    |                    |
|                 | Edit               | FortiToken Mobile   | Info |                    |
|                 |                    | FTKMOB25891E1F40<br>553270<br>Expires in 27 secs<br>Secured by Fortinet |      |                    |
|                 |                    | FORTIDET.   |      |                    |
|                 |                    |   |      |                    |





## Aktivisering av FortiToken

| ••••• N Telenor | Ŷ           | 11.31   | ۲        | 79 % 🔳 |
|-----------------|-------------|---------|----------|--------|
| Cancel          | Add         | Accour  | nt       | Info   |
|                 |             |         |          |        |
| Welcom          | e to F      | ortiTo  | ken Mo   | bile   |
| Scan or         | enter<br>ad | the key | / to adc | lan    |
|                 |             |         |          |        |
|                 |             |         |          |        |
|                 |             |         |          |        |
|                 |             |         |          |        |
|                 |             |         |          |        |
|                 |             |         |          |        |
|                 |             |         |          |        |
| Scan Bard       | code        | Er      | iter Man | ually  |



# VPN oppkobling og pålogging

| 🖬 FortiClient<br>File Help                                   | - 🗆 ×                           |
|--|---------------------------------|
| FortiClient<br>Your system is full                           | y protected by FortiClient      |
| AntiVirus<br>Realtime Protection Enabled                     | 🖵 KDRS Depot                    |
| Web Security<br>Web Security Enabled                         | 🙎 aka                           |
| Remote Access  | $\mathcal{P}$                   |
|  | Enter FortiToken Code           |
|  | OK Cancel                       |
| Secure at home and av<br>Location-sensitive security feature | Vay<br>ires adjust as you move. |



#### FortiToken viser engangskode







#### SUCCESS!



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## Påloggingsinfo for kurset.

| Deltaker             | Brukernavn | Passord VPN                       | Passord EPP  | Testserver       | IP adresse    |
|----------------------|------------|-----------------------------------|--------------|------------------|---------------|
| Jan Børre Solvik     | jbs        | ???                               | jbs_kurs2016 | essarch2.kdrs.no | 192.168.1.171 |
| Petter Pedryc        | рре        | ppe_kurs2016                      | ppe_kurs2016 | essarch2.kdrs.no | 192.168.1.171 |
| Torbjørn Aasen       | taa        | <har eget<br="">passord&gt;</har> | taa_kurs2016 | essarch2.kdrs.no | 192.168.1.171 |
| Petter Høiaas        | pho        | pho_kurs2016                      | pho_kurs2016 | essarch3.kdrs.no | 192.168.1.172 |
| Cecilie Hansen Rørås | chr        | chr_kurs2016                      | chr_kurs2016 | essarch3.kdrs.no | 192.168.1.172 |
| Rolf Holte           | rho        | rho_kurs2016                      | rho_kurs2016 | essarch3.kdrs.no | 192.168.1.172 |
| Sigve Espeland       | ses        | ses_kurs2016                      | ses_kurs2016 | essarch4.kdrs.no | 192.168.1.173 |
| Roger Mjelde         | rmj        | rmj_kurs2016                      | rmj_kurs2016 | essarch4.kdrs.no | 192.168.1.173 |
| Solveig Heløe Olsen  | sho        | sho_kurs2016                      | sho_kurs2016 | essarch4.kdrs.no | 192.168.1.173 |



## Avslutning del 1

I denne sesjonen har vi tatt for oss:

- Nedlasting og oppsett av FortiClient
- Installasjon av FortiToken app på smarttelefon
- Oppkobling av VPN til KDRS digitalt depot.

