Activating PowerShell in Esia

On the Windows machine

On the Windows machine, you need to activate PowerShell remote.

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```
Enable-PSRemoting -Force
Restart-Service WinRM
```

You can test from your Windows machine if you have access to it in PowerShell via the command :

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```
Enter-PSSession -ComputerName <nom de votre machine> -Credential
<utilisateur> -Authentication Negotiate
```

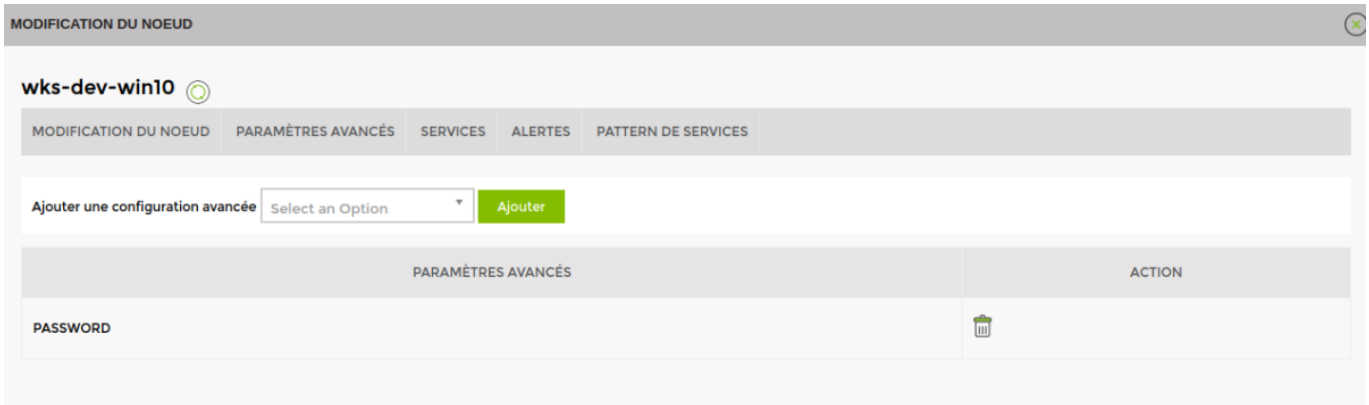
Note for firewalls, the default PowerShell port is the same as for WinRM: TCP 5985.

On your Esia - Using PowerShell

Enable Powershell on your node

In the advanced settings of your Esia node, add the PowerShell user and password.

To do this, select the 'Password' type and click Add. Then click on the advanced parameter to configure.



Adding patterns/plugins

You can now add the following patterns and/or plugins to the node configured below:

default_pwsh_windows

Contains the plugins :

- CHECK_ICMP
- CHECK_PWSH_WINDOWS_INTERFACE: Interface bandwidth via PowerShell
- CHECK_PWSH_WINDOWS_IO: IO/disks
- CHECK_PWSH_WINDOWS_LOAD: CPU load used
- CHECK_PWSH_WINDOWS_MEM: Random Access Memory
- CHECK_PWSH_WINDOWS_STORAGE: Hard disk space used
- CHECK_PWSH_WINDOWS_TIME: Time difference between your Esia and your Windows machine.
- CHECK_PWSH_WINDOWS_UPTIME: To detect a recent restart.

Other plugins

- CHECK_PWSH_WINDOWS_SERVICE: Retrieves the status of a service.
- CHECK_PWSH_WINDOWS_SMARTCTL: Recovers the smartctl status of disks.
- CHECK_PWSH_WINDOWS_TASK: retrieves the status of a scheduled task.
- CHECK_PWSH_REMOTE : Allows an executable/script to be used on the Windows machine

Troubleshooting

Check user access rights

The user must be a member of the “Administrator” and “**Remote Management Users**”.

Open, « The tool for managing local users and groups ».

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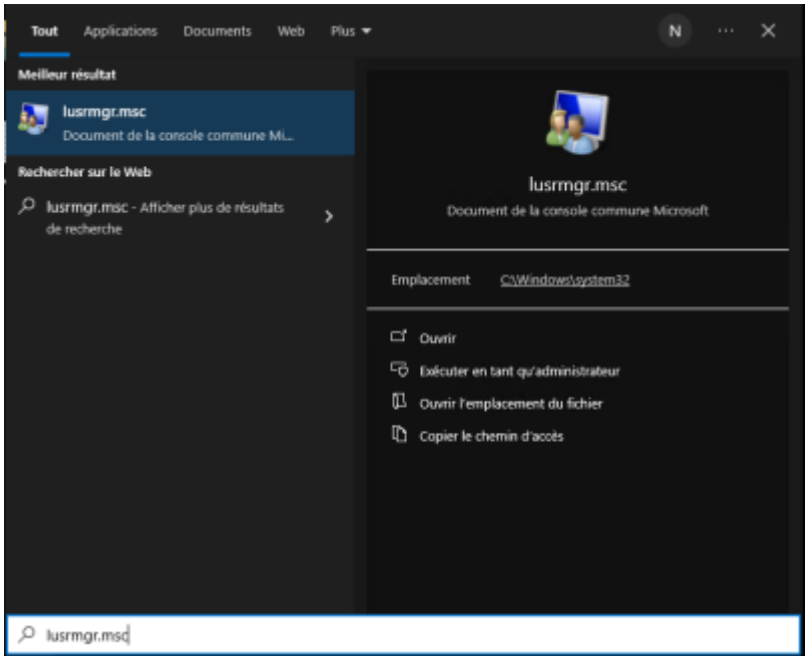
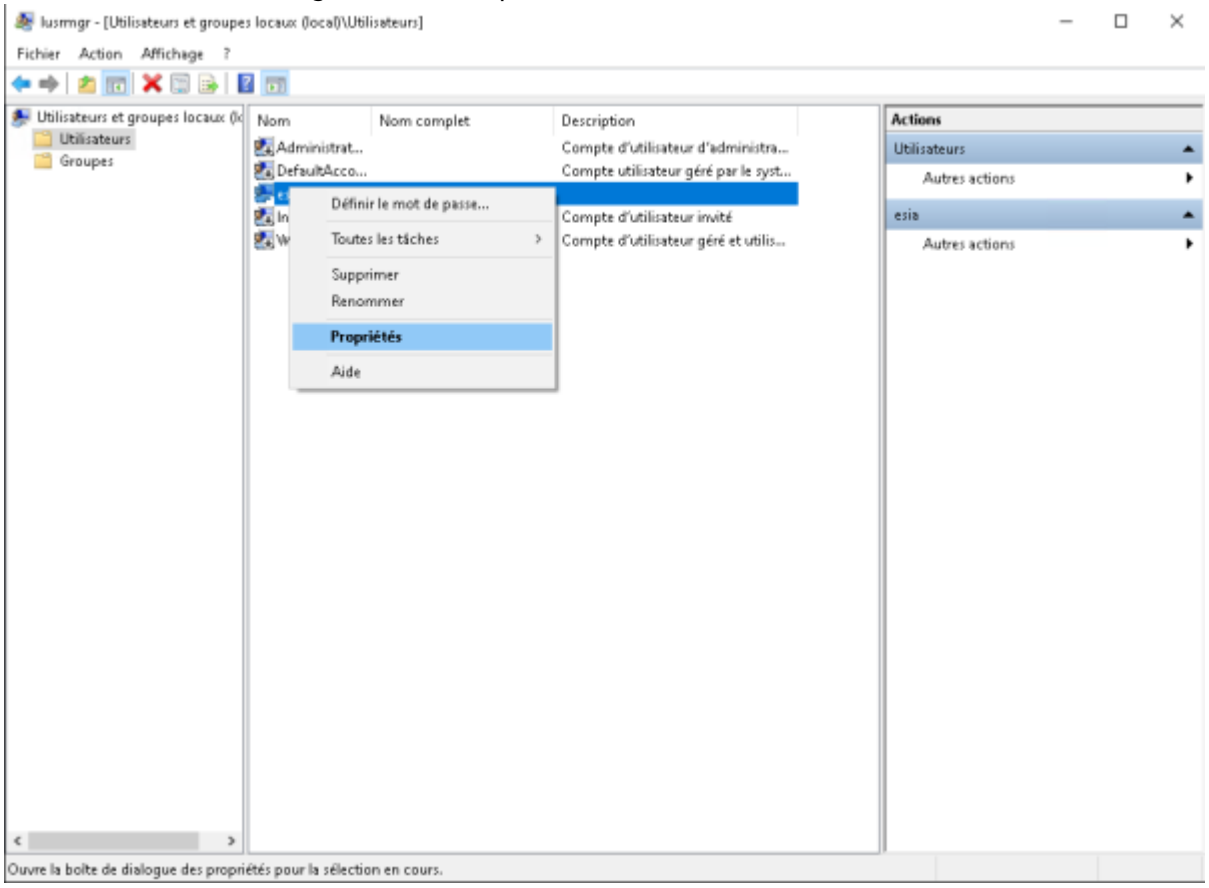
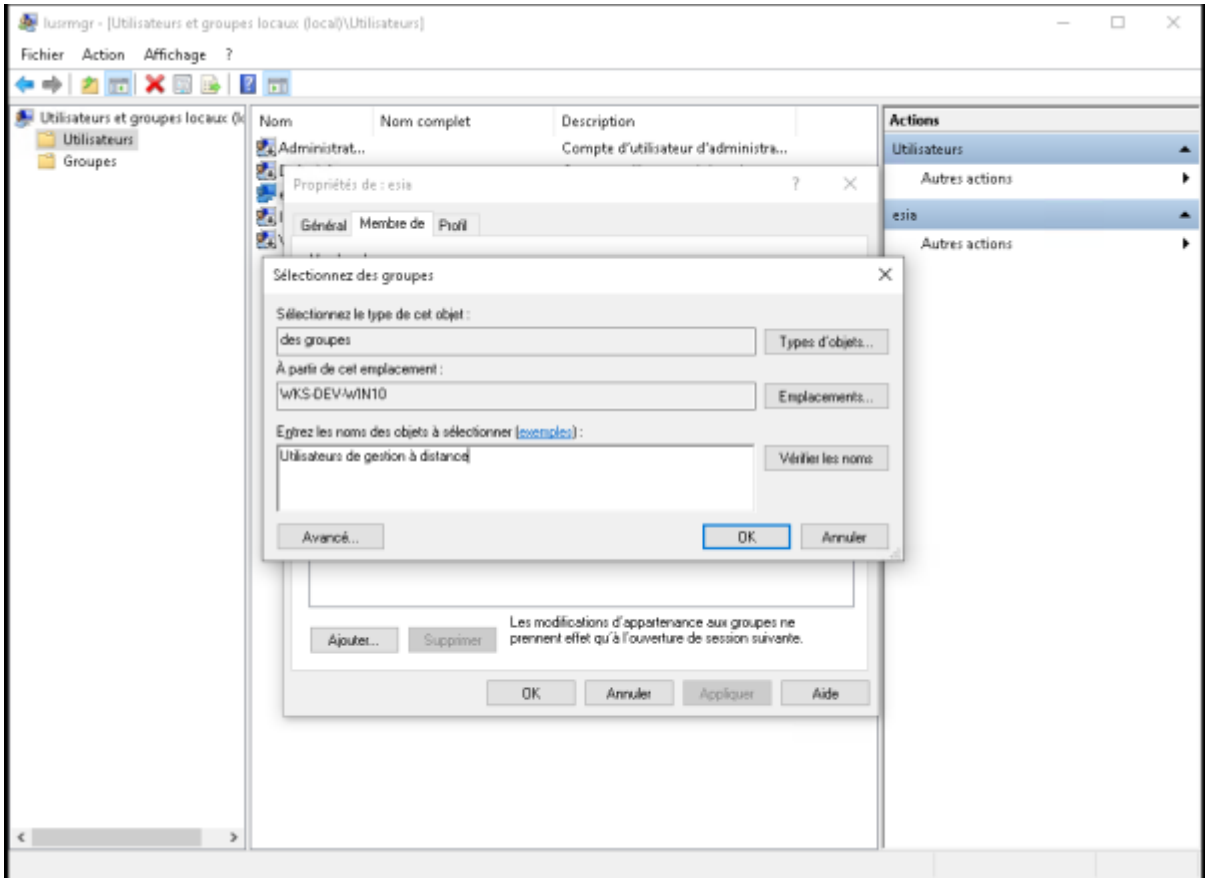
```
lusrmgr.msc
```



Go to « Users », then right-click « Properties » on the user concerned.



Go to the « Member of ». If the two groups are not listed, click on « Add » to add the missing groups. Example with the group « **Remote Management Users** »



Once added you should have this :

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