

Endpoint Detection and Response (EDR) - Manual Installation

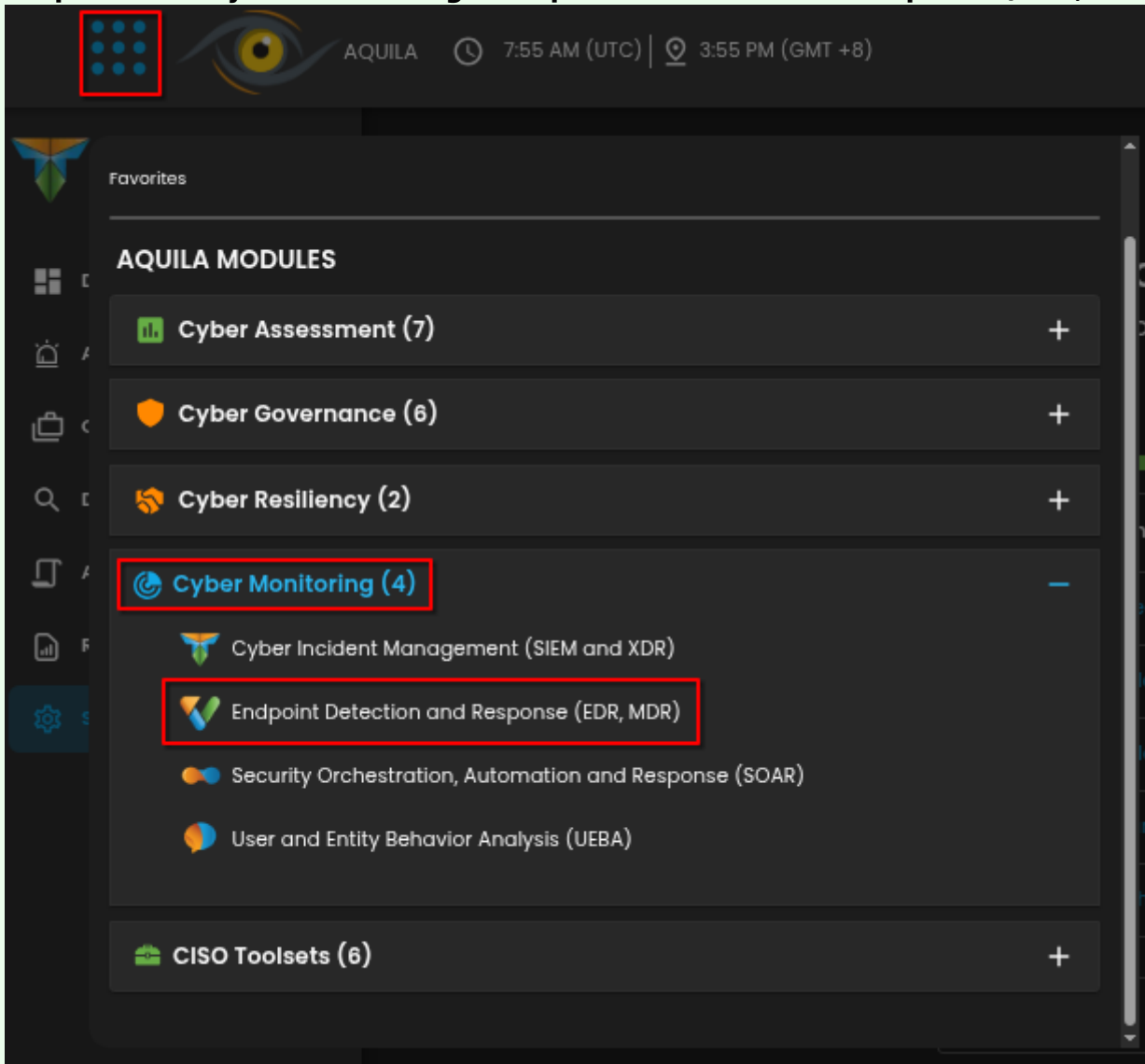
Endpoint Detection and Response (EDR)

Endpoint Detection and Response (EDR), is a cybersecurity technology that focuses on detecting, investigating, and responding to suspicious activities and threats on endpoints, such as workstations, laptops, and servers. EDR solutions provide visibility into endpoint activities and help security teams identify and mitigate potential threats before they can cause significant harm.

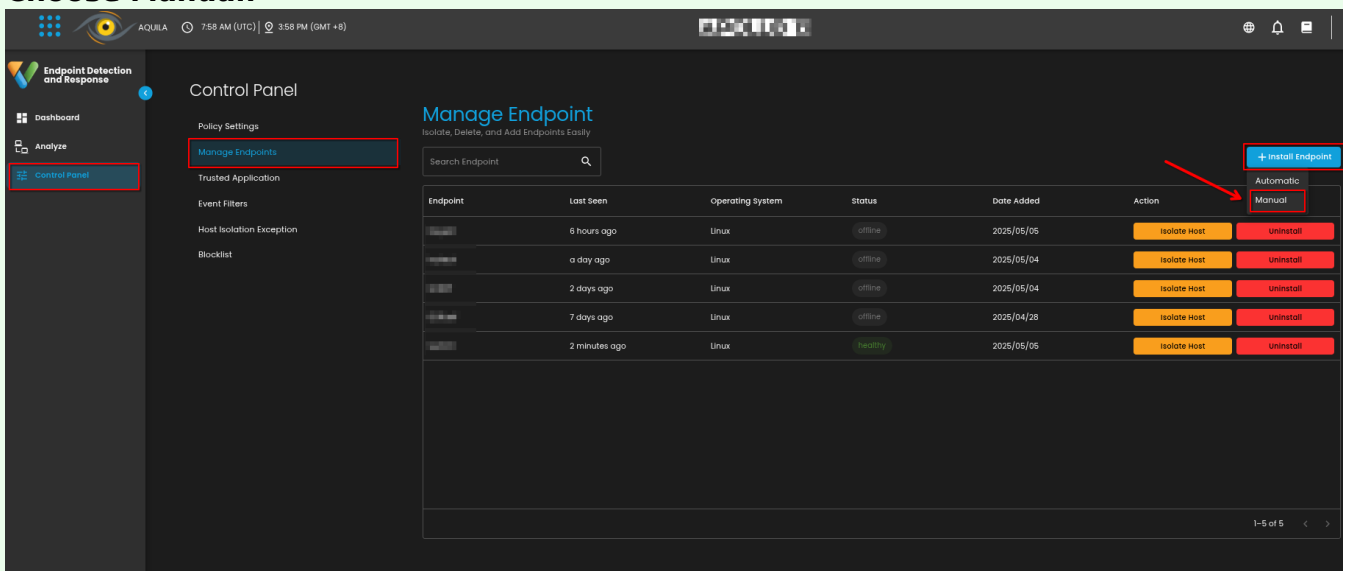
Please follow the instructions below and refer to the images below:

Step 1: Login to CyTech - Aquila "cytechint.io" and nagivate to Aquila Modules at leftmost corner of the dashboard.

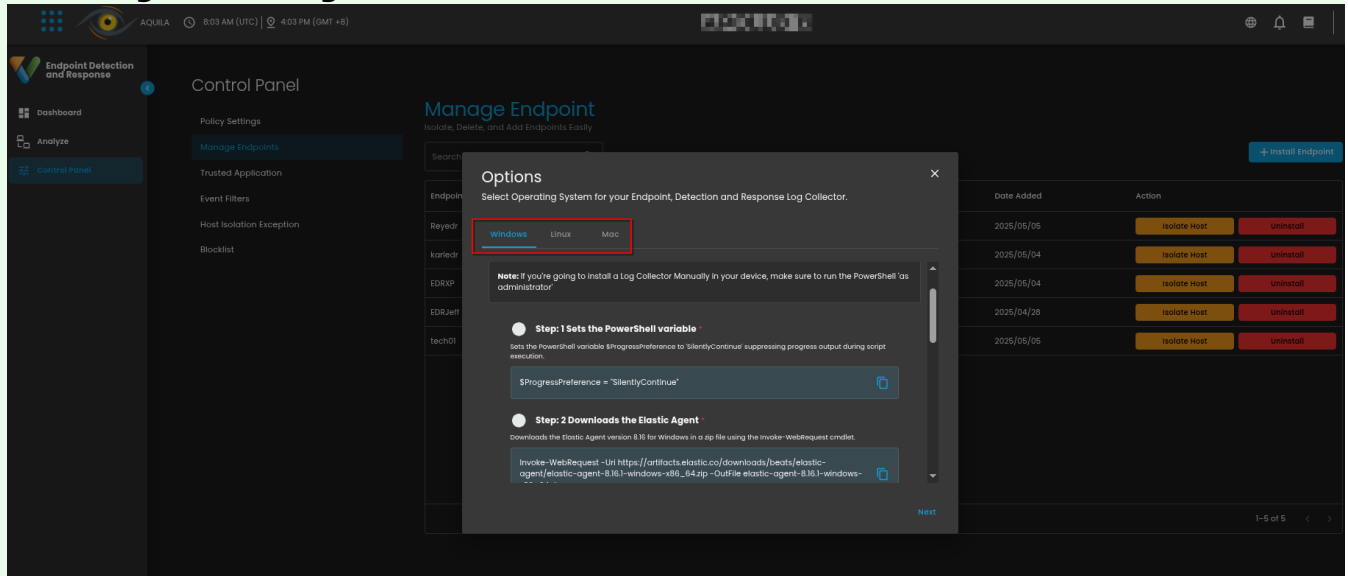
Step 2: Go to Cyber Monitoring > Endpoint Detection and Response (EDR, MDR).



Step 4: Navigate through Control Panel > Manage Endpoints > Install Endpoint > Choose Manual.



Step 8: Choose the correct Operating System for your endpoint. After choosing the type of your Operating System, the commands will display below needed for installing the EDR agent.



Step 9: Execute the command in your Endpoint environment using powershell or terminal under admin privilege. Once the commands are executed successfully, you should see an output similar to the example shown in the image below. Go back to Cytech - Aquila to finish manual installation.

```
Administrator: Windows PowerShell

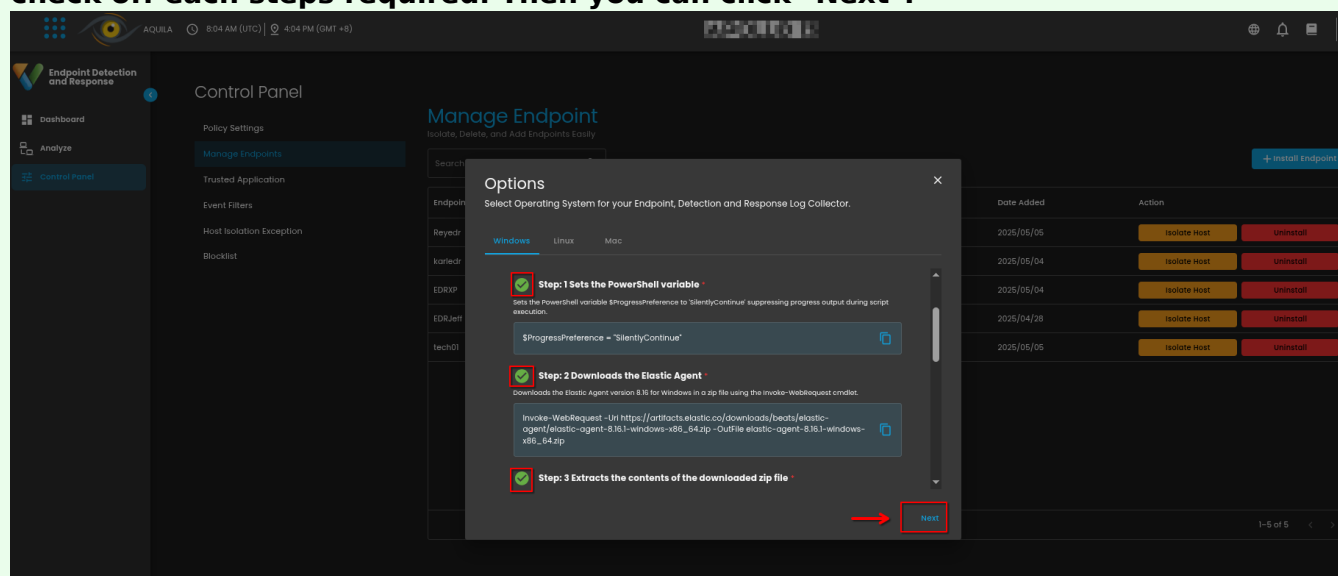
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

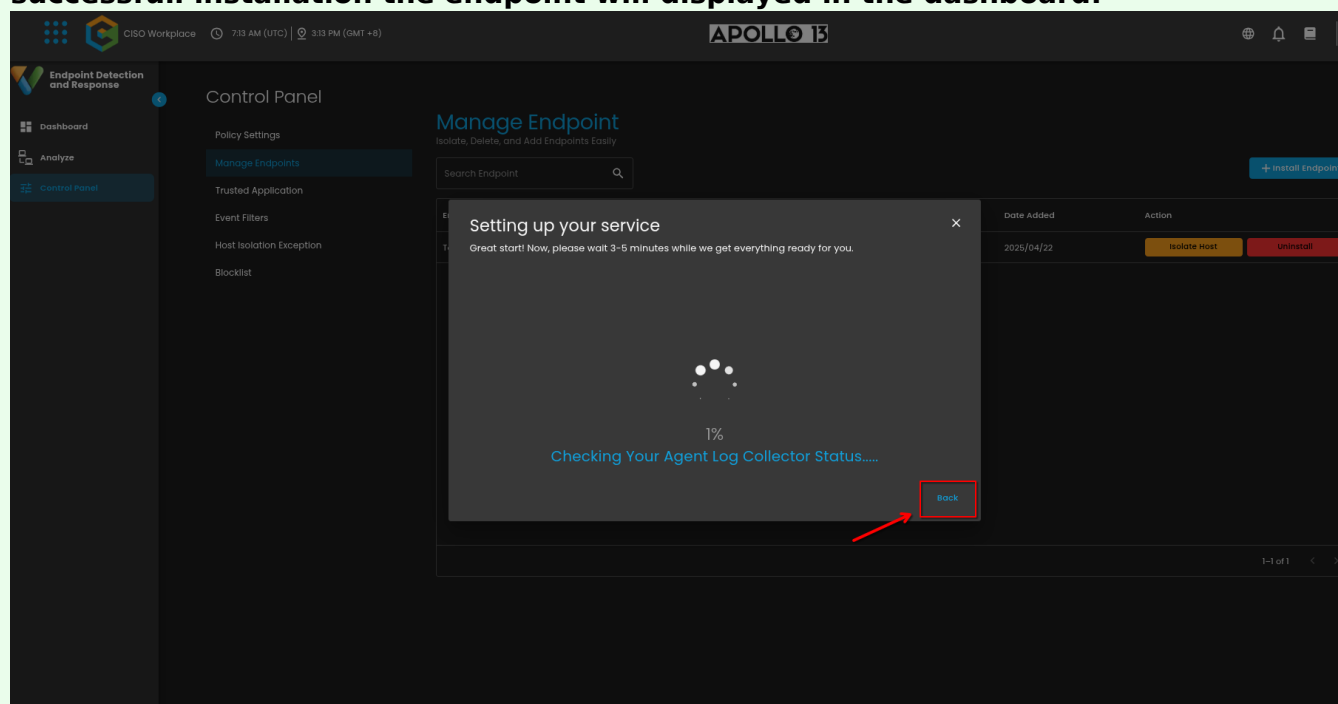
PS C:\WINDOWS\system32> $ProgressPreference = "SilentlyContinue"
PS C:\WINDOWS\system32> Invoke-WebRequest -Uri https://artifacts.elastic.co/downloads/beats/elastic-agent/elastic-agent-8.16.1-windows-x86_64.zip -OutFile elastic-agent-8.16.1-windows-x86_64.zip
PS C:\WINDOWS\system32> Expand-Archive elastic-agent-8.16.1-windows-x86_64.zip -DestinationPath .
PS C:\WINDOWS\system32> cd elastic-agent-8.16.1-windows-x86_64
PS C:\WINDOWS\system32\elastic-agent-8.16.1-windows-x86_64> .\elastic-agent.exe install

insecure
Elastic Agent will be installed at C:\Program Files\Elastic\Agent and will run as a service. Do you want to continue? [Y/n]
[ = ] Service Started [3s] Elastic Agent successfully installed, starting enrollment.
[ = ] Waiting For Enroll... [3s] {"log.level":"warn","@timestamp":"2025-05-05T14:20:40.462+0100","log.logger":"tls","log.origin":{"function":"github.com/elastic/elastic-agent-libs/transport/tlscommon.(*TLSConfig).ToConfig","file.name":"tlscommon/tls_config.go","file.line":107},"message":"SSL/TLS verifications disabled.","ecs.version":"1.6.0"}
[ == ] Waiting For Enroll... [4s] {"log.level":"info","@timestamp":"2025-05-05T14:20:41.367+0100","log.origin":{"function":"github.com/elastic/elastic-agent/internal/pkg/agent/cmd.(*enrollCmd).enrollWithBackoff","file.name":"cmd/enroll_cmd.go","file.line":520},"message":"Starting enrollment to URL: https://localhost:8220","ecs.version":"1.6.0"}
[ == ] Waiting For Enroll... [4s] {"log.level":"warn","@timestamp":"2025-05-05T14:20:41.715+0100","log.logger":"tls","log.origin":{"function":"github.com/elastic/elastic-agent-libs/transport/tlscommon.(*TLSConfig).ToConfig","file.name":"tlscommon/tls_config.go","file.line":107},"message":"SSL/TLS verifications disabled.","ecs.version":"1.6.0"}
[ = ] Waiting For Enroll... [7s] {"log.level":"info","@timestamp":"2025-05-05T14:20:44.224+0100","log.origin":{"function":"github.com/elastic/elastic-agent/internal/pkg/agent/cmd.(*enrollCmd).daemonReloadWithBackoff","file.name":"cmd/enroll_cmd.go","file.line":483},"message":"Restarting agent daemon, attempt 0","ecs.version":"1.6.0"}
{"log.level":"info","@timestamp":"2025-05-05T14:20:44.231+0100","log.origin":{"function":"github.com/elastic/elastic-agent/internal/pkg/agent/cmd.(*enrollCmd).Execute","file.name":"cmd/enroll_cmd.go","file.line":301},"message":"Successfully restarted on running Elastic Agent."}
Successfully enrolled the Elastic Agent.
[ == ] Done [7s]
Elastic Agent has been successfully installed.
PS C:\WINDOWS\system32\elastic-agent-8.16.1-windows-x86_64>
```

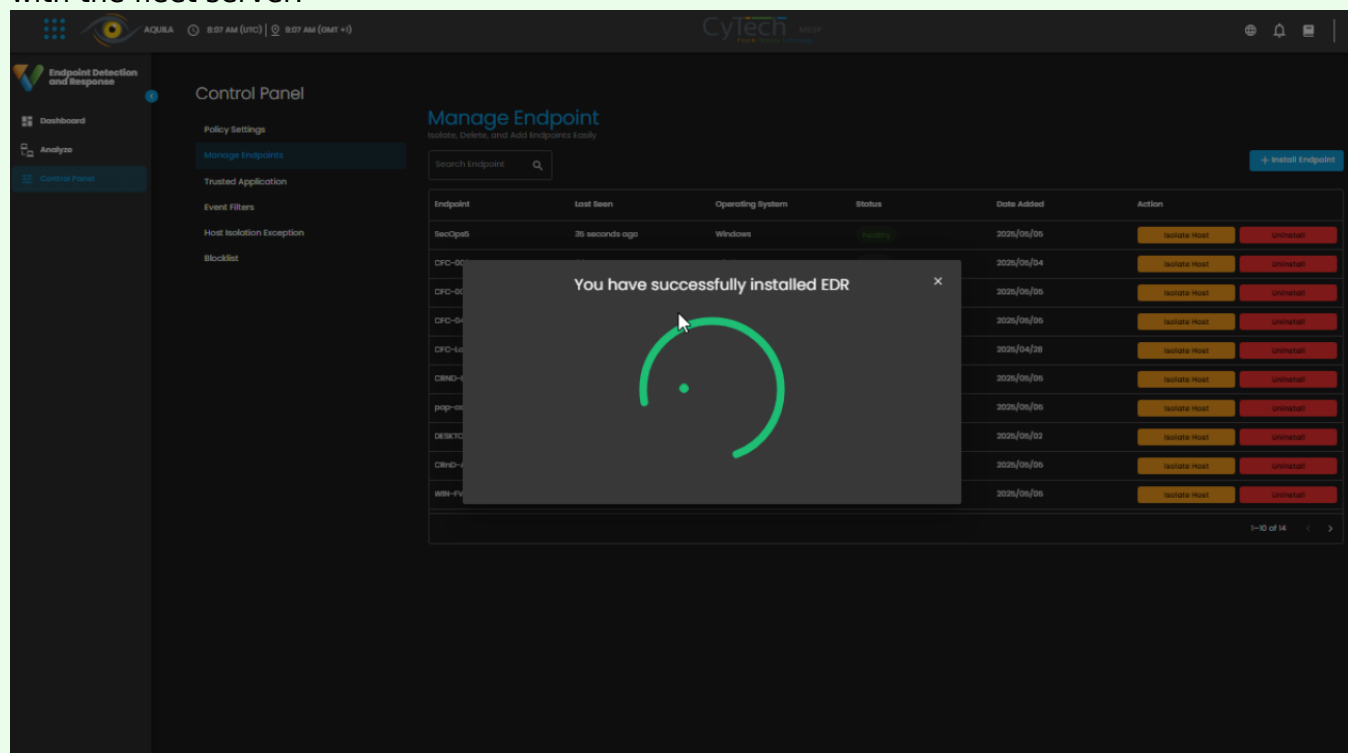
Step 10: Before you can proceed to the final installation set-up make sure you check off each steps required. Then you can click "Next".



Step 11: A new window will appear and will check the log collector status and update the latest installation of EDR agent. Wait for it to finish and after successful installation the endpoint will displayed in the dashboard.



Step 12: This step confirms the successful installation and enrollment of the **EDR Agent** with the fleet server.



Revision #2
Created 22 April 2025 06:14:58 by Richmond Abella
Updated 28 May 2025 09:04:23 by Richmond Abella