Wazuh

Custom Rule Olu?turma

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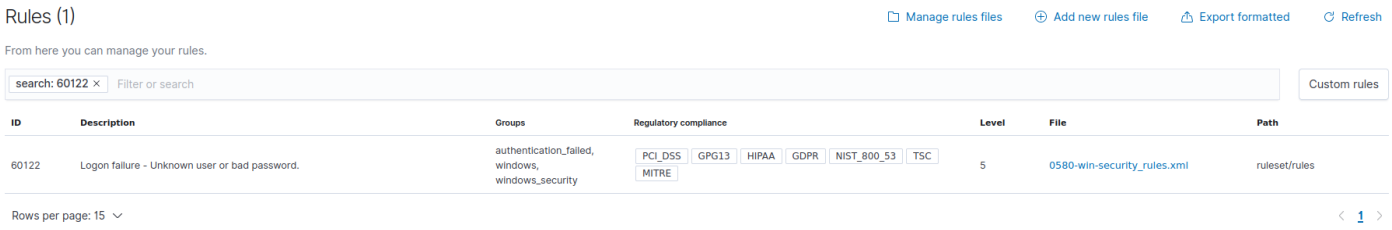
Wazuh için Custom Rule

Amaç

Unknown user or bad password. 5 dakikada aynı kullanıcı adı ve şifre için bu hatayı alıyorsak bunu bir mail ile ilgililere bildirmek.

Ad?mlar

1. EventID ile ilişkili Rule'u bulmaca (rule'un yanında 0580-win-security_rules.xml 'e bak RuleID=60122)



2. Bu Rule'u notepad veya benzeri bir alana kopyala
3. /var/ossec/ruleset/rules/0580-win-security_rules.xml dosyasını aç. 60122 ID li kuralı bul.

Nano ile ^w kullanabilirsiniz.

```
  <rule id="60122" level="5">
  <if_sid>60105</if_sid>
  <field name="win.system.eventID">^529$|^4625$</field>
  <options>no_full_log</options>
  <description>Logon failure - Unknown user or bad password.</description>
  <mitre>
    <id>T1078</id>
    <id>T1531</id>
  </mitre>

<group>authentication_failed,gdpr_IV_32.2,gdpr_IV_35.7.d,gpg13_7.1,hipaa_164.312.b,nist_800_53
_AC.7,nist_800_53_AU.14,pci_dss_10.2.4,pci_dss_10.2.5,tsc_CC6.1,tsc_CC6.8,tsc_CC7.2,tsc_CC$
</rule>
```

4. Custom Rule'ların ID leri 100.000 ile 120.000 arası olması gerekiyor. Bu nedenle 3 ncü adımda kopyaladığımız Rule da ID yi değiştir. Örn=1000001 yap.
   Aşağıdaki gibi olmalıdır

```
 <group name="custom rules">
 <rule id="100001" frequency="2" timeframe="300" level="10" overwrite="yes">
 <if_sid>60105</if_sid>
 <field name="win.system.eventID">^529$|^4625$</field>
 <options>no_full_log</options>
 <description>Logon failure - Unknown user or bad password(HM).</description>
 <mitre>
   <id>T1078</id>
   <id>T1531</id>
 </mitre>

<group>authentication_failed,gdpr_IV_32.2,gdpr_IV_35.7.d,gpg13_7.1,hipaa_164.312.b,ni
st_800_53_AC.7,nist_800_53_AU.14,pci_dss_10.2.4,pci_dss_10.2.5,tsc_CC6.1,tsc_CC6.8,ts
c_CC7.2,tsc_CC$
 </rule>
</group>
```

   Not: Rule Id satırındaki frequncy (300 saniye de 2 kez olursa) ve level parametrelerini eklemeyi unutma!!!
5. wazuhu yeniden başlat.

```
 sudo systemctl restart wazuh-manager
```

Custom Rule ?çin Alert Olu? turma

Amaç

Yeni olşturduğumuz custom rule için alert tipi tanımlama.

Ad?mlar

/var/ossec/etc nano ossec.conf ile gir. email_alert_level 10 yap.

```
<alerts>
  <log_alert_level>3</log_alert_level>
  <email_alert_level>10</email_alert_level>
</alerts>
```

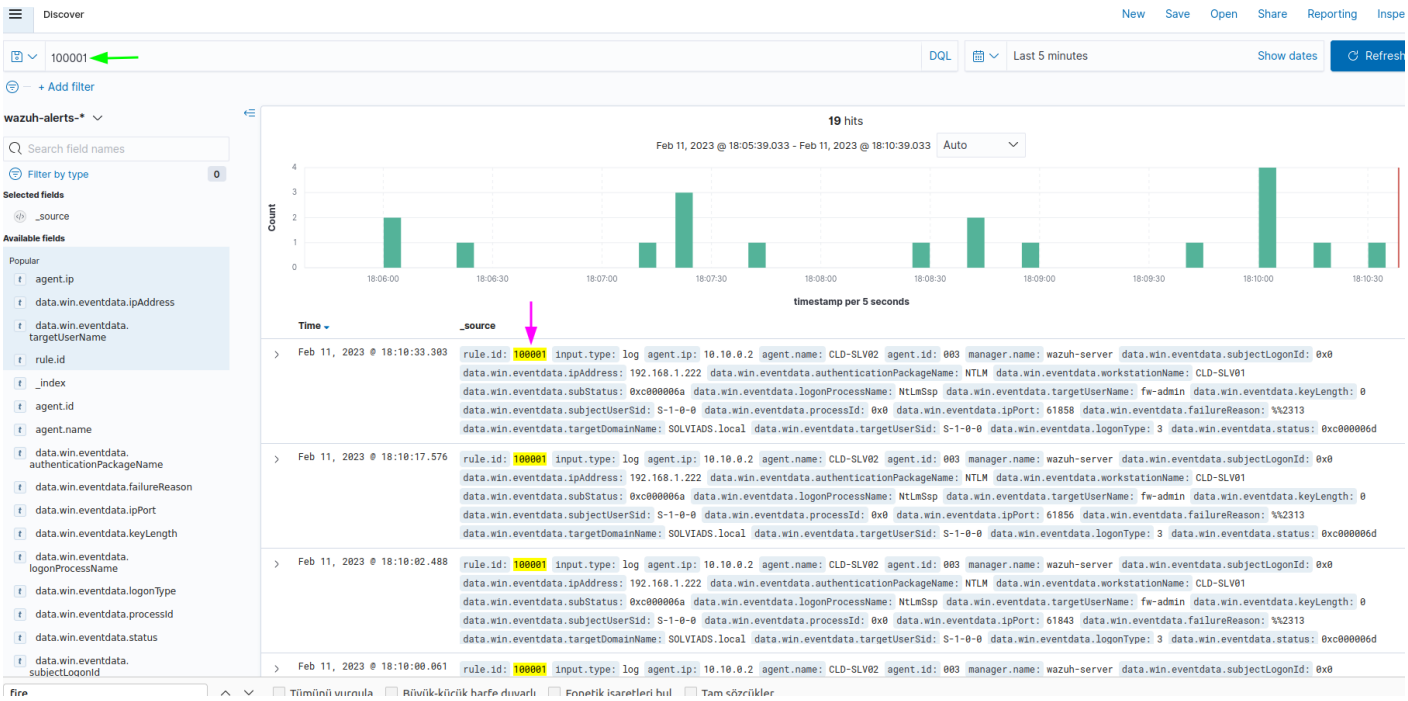
Mail gönderilecek adresi yaz. rule_id'yi custom rule'a verdiğin ID yap.

```
<email_alerts>
<email_to>it-helpdesk@solviads.com</email_to>
<rule_id>100001</rule_id>
<do_not_delay />
</email_alerts>
```

^x ile çık ve çıkarken kaydetmeyi unutma.

sudo systemctl restart wazuh-manager servisi yeniden başlat.

wazuh discover a gir. Custom ID filtrele sonucu gör.


Discover
New
Save
Open
Share
Reporting
Inspe
100001
DQL
Last 5 minutes
Show dates
Refresh
+ Add filter
wazuh-alerts-*
Search field names
Filter by type
0
Selected fields
_source
Available fields
Popular
agent.ip
data.win.eventdata.ipAddress
data.win.eventdata.targetUserName
rule.id
_index
agent.id
agent.name
data.win.eventdata.authenticationPackageName
data.win.eventdata.failureReason
data.win.eventdata.ipPort
data.win.eventdata.keyLength
data.win.eventdata.logonProcessName
data.win.eventdata.logonType
data.win.eventdata.processId
data.win.eventdata.status
data.win.eventdata.subjectLogonId
19 hits
Feb 11, 2023 @ 18:05:39.033 - Feb 11, 2023 @ 18:10:39.033
Auto
Count
18:06:00
18:06:30
18:07:00
18:07:30
18:08:00
18:08:30
18:09:00
18:09:30
18:10:00
18:10:30
timestamp per 5 seconds
Time
_source
Feb 11, 2023 @ 18:10:33.303
rule.id: 100001 input.type: log agent.ip: 10.10.0.2 agent.name: CLD-SLV02 agent.id: 003 manager.name: wazuh-server data.win.eventdata.subjectLogonId: 0x0
data.win.eventdata.ipAddress: 192.168.1.222 data.win.eventdata.authenticationPackageName: NTLM data.win.eventdata.workstationName: CLD-SLV01
data.win.eventdata.subStatus: 0xc000006a data.win.eventdata.logonProcessName: NtLmSsp data.win.eventdata.targetUserName: fw-admin data.win.eventdata.keyLength: 0
data.win.eventdata.subjectUserSid: S-1-0-0 data.win.eventdata.processId: 0x0 data.win.eventdata.ipPort: 61858 data.win.eventdata.failureReason: %%2313
data.win.eventdata.targetDomainName: SOLVIADS.local data.win.eventdata.targetUserSid: S-1-0-0 data.win.eventdata.logonType: 3 data.win.eventdata.status: 0xc000006d
Feb 11, 2023 @ 18:10:17.576
rule.id: 100001 input.type: log agent.ip: 10.10.0.2 agent.name: CLD-SLV02 agent.id: 003 manager.name: wazuh-server data.win.eventdata.subjectLogonId: 0x0
data.win.eventdata.ipAddress: 192.168.1.222 data.win.eventdata.authenticationPackageName: NTLM data.win.eventdata.workstationName: CLD-SLV01
data.win.eventdata.subStatus: 0xc000006a data.win.eventdata.logonProcessName: NtLmSsp data.win.eventdata.targetUserName: fw-admin data.win.eventdata.keyLength: 0
data.win.eventdata.subjectUserSid: S-1-0-0 data.win.eventdata.processId: 0x0 data.win.eventdata.ipPort: 61856 data.win.eventdata.failureReason: %%2313
data.win.eventdata.targetDomainName: SOLVIADS.local data.win.eventdata.targetUserSid: S-1-0-0 data.win.eventdata.logonType: 3 data.win.eventdata.status: 0xc000006d
Feb 11, 2023 @ 18:10:02.488
rule.id: 100001 input.type: log agent.ip: 10.10.0.2 agent.name: CLD-SLV02 agent.id: 003 manager.name: wazuh-server data.win.eventdata.subjectLogonId: 0x0
data.win.eventdata.ipAddress: 192.168.1.222 data.win.eventdata.authenticationPackageName: NTLM data.win.eventdata.workstationName: CLD-SLV01
data.win.eventdata.subStatus: 0xc000006a data.win.eventdata.logonProcessName: NtLmSsp data.win.eventdata.targetUserName: fw-admin data.win.eventdata.keyLength: 0
data.win.eventdata.subjectUserSid: S-1-0-0 data.win.eventdata.processId: 0x0 data.win.eventdata.ipPort: 61843 data.win.eventdata.failureReason: %%2313
data.win.eventdata.targetDomainName: SOLVIADS.local data.win.eventdata.targetUserSid: S-1-0-0 data.win.eventdata.logonType: 3 data.win.eventdata.status: 0xc000006d
Feb 11, 2023 @ 18:10:00.061
rule.id: 100001 input.type: log agent.ip: 10.10.0.2 agent.name: CLD-SLV02 agent.id: 003 manager.name: wazuh-server data.win.eventdata.subjectLogonId: 0x0
fire
Tümünü vurgula
Büyük-küçük harfe duyarlı
Fonetik işaretleri bul
Tam sözcükler