OpManager SNMP Trap Processors

Before creating SNMP Trap Processors, make sure to enable Trap Processing and add the devices to the "Selected Devices" list.

When creating SNMP Trap Processors, you can use Trap Variables to customize how the alarm is created. Check the Trap Variables article.

The `$` variable replaces a varbind with the OID and value.
For CyberArk italog traps, you can use `$4` to get the message varbind (Varbind 5)
Note that the `$` variable indexes on 0, while the "Match Criteria" fields below index on 1. In this case, you'd use `$4` and Varbind 5.

The "Failure Component" feature is only used to combine multiple Trap Processors into one alarm. We do not currently use this feature.

Creating CyberArk Trap Processors

Make sure that the server is added under Trap Settings.

- Add Trap Processor
- Name: Give it a name so you can find it in the list
- Trap OID:
  - italog: `.1.3.6.1.4.1.11536.3.6.1000`
  - padr: `.1.3.6.1.4.1.11536.3.6.5000`
  - find other OIDs in the MIB
- Failure Component: leave as is
- Source: leave as is
- Message: `ITALOG: $4`

ITALog Critical (Catch-all for unknown errors)

This trap processor is for all unknown errors and messages. All messages not caught by any other trap processor will be caught by this, which will trigger a **Critical** alarm.
This trap processor only uses the NOT CONTAINS filter with the AND operator to filter out unwanted messages. Only messages that are not caught by another trap processor, and messages that are not on the filter will trigger an alarm.

NOTE: When creating this trap processor on HOSTNAME, it didn't seem to work as it was still triggering alarms on filtered messages, but the next day it no longer triggered false alarms. Just something to keep in mind.

Edit Trap Processor _ Italog

You can add/modify new trap processors to process unsolicited traps. If you create a trap processor from an unsolicited trap, the required trap details will be populated automatically.

SNMP v1	SNMP v2c/v3

Name

_ Italog

Description

Description is not given.

Trap OID (?)

.1.3.6.1.4.1.11536.3.6.1000   From MIB

Severity (?)

Critical

Failure Component (?)

$Source__ Italog_trap

Source (?)

$Source

Message (?)

ITALOG: $4

Match Criteria (?)

- ● Match ALL of the following (AND)
- ○ Match Any of the following (OR)

1	Varbind	Equals		➕
5	Varbind	Not Contains	ITATS690I	❌
5	Varbind	Not Contains	ITATS691E	❌
5	Varbind	Not Contains	ITATS942E	❌
5	Varbind	Not Contains	ITATS935E	❌
5	Varbind	Not Contains	ITATS004E	❌
5	Varbind	Not Contains	ITATS701E	❌
5	Varbind	Not Contains	ITATS345E	❌
5	Varbind	Not Contains	ITATS541E	❌
5	Varbind	Not Contains	ITATS527E	❌

5	▼	Varbind	Not Contains	▼	ITATS527E		✕
5	▼	Varbind	Not Contains	▼	ITATS529E		✕
5	▼	Varbind	Not Contains	▼	ITATS528E		✕
5	▼	Varbind	Not Contains	▼	ITATS528E		✕
5	▼	Varbind	Not Contains	▼	ITATS532E		✕
5	▼	Varbind	Not Contains	▼	ITATS539E		✕
5	▼	Varbind	Not Contains	▼	ITATS966E		✕

Rearm Criteria ⑦

◯ Match ALL of the following (AND)　　　🟢 Match Any of the following (OR)

| 1 | ▼ | Varbind | Equals | ▼ | | | ➕ |

①

ITALog Critical

This trap processor is for known errors that should generate a **Critical** alarm. Only CONTAINS filters are used.

Edit Trap Processor _ Italog CRITICAL

You can add/modify new trap processors to process unsolicited traps. If you create a trap processor from an unsolicited trap, the required trap details will be populated automatically.

SNMP v1	SNMP v2c/v3

Name

_ Italog CRITICAL

Description

Description is not given.

Trap OID ?

.1.3.6.1.4.1.11536.3.6.1000 | From MIB

Severity ?

Critical ▾

Failure Component ?

$Source__ Italog CRITICAL_trap

Source ?

$Source

Message ?

ITALOG: $4

Match Criteria ?

○ Match ALL of the following (AND)   ● Match Any of the following (OR)

1 ▾	Varbind	Equals ▾		➕
5 ▾	Varbind	Contains ▾	ITAGN001S	✖
5 ▾	Varbind	Contains ▾	ITATS427W	✖
5 ▾	Varbind	Contains ▾	ITATS426E	✖
5 ▾	Varbind	Contains ▾	ITATS845W	✖

Rearm Criteria ?

○ Match ALL of the following (AND)   ● Match Any of the following (OR)
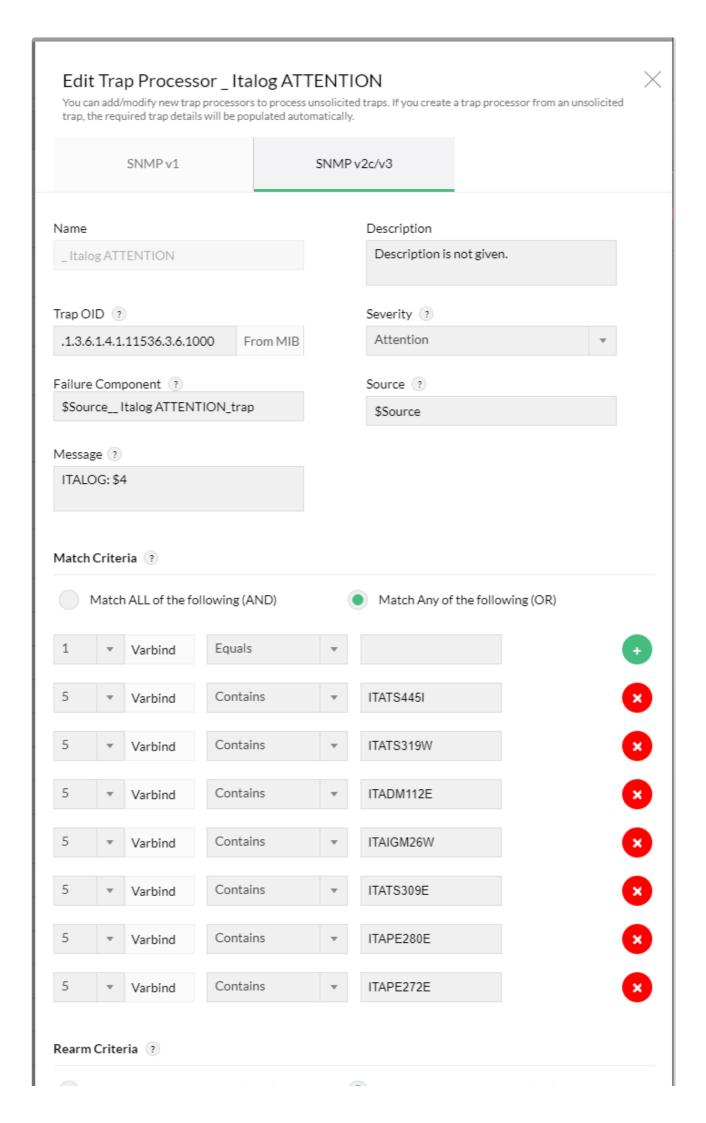
| 1 ▾ | Varbind | Equals ▾ | | ➕ |

This trap processor is for known message that should generate a **Trouble** alarm. Only CONTAINS filters are used.

Edit Trap Processor _ Italog TROUBLE

You can add/modify new trap processors to process unsolicited traps. If you create a trap processor from an unsolicited trap, the required trap details will be populated automatically.

SNMP v1	SNMP v2c/v3

Name

_ Italog TROUBLE

Description

Description is not given.

Trap OID (?)

.1.3.6.1.4.1.11536.3.6.1000 | From MIB

Severity (?)

Trouble ▼

Failure Component (?)

$Source__ Italog TROUBLE_trap

Source (?)

$Source

Message (?)

ITALOG: $4

Match Criteria (?)

○ Match ALL of the following (AND)   ● Match Any of the following (OR)

1 ▼	Varbind	Equals ▼		➕
5 ▼	Varbind	Contains ▼	ITATS433E	❌
5 ▼	Varbind	Contains ▼	ITADB313I	❌
5 ▼	Varbind	Contains ▼	ITADB315I	❌

Rearm Criteria (?)

○ Match ALL of the following (AND)   ● Match Any of the following (OR)
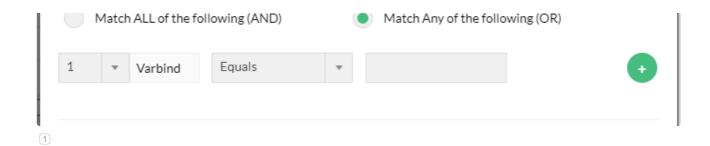
| 1 ▼ | Varbind | Equals ▼ | | ➕ |

ITALog Attention

This trap processor is for known messages that should generate an **Attention** alarm. Only CONTAINS filters are used.

Edit Trap Processor _ Italog ATTENTION

You can add/modify new trap processors to process unsolicited traps. If you create a trap processor from an unsolicited trap, the required trap details will be populated automatically.

SNMP v1	SNMP v2c/v3

Name

_ Italog ATTENTION

Description

Description is not given.

Trap OID ?

.1.3.6.1.4.1.11536.3.6.1000   From MIB

Severity ?

Attention ▼

Failure Component ?

$Source__ Italog ATTENTION_trap

Source ?

$Source

Message ?

ITALOG: $4

Match Criteria ?

○ Match ALL of the following (AND)   ● Match Any of the following (OR)

1 ▼	Varbind	Equals ▼		➕
5 ▼	Varbind	Contains ▼	ITATS445I	✖
5 ▼	Varbind	Contains ▼	ITATS319W	✖
5 ▼	Varbind	Contains ▼	ITADM112E	✖
5 ▼	Varbind	Contains ▼	ITAIGM26W	✖
5 ▼	Varbind	Contains ▼	ITATS309E	✖
5 ▼	Varbind	Contains ▼	ITAPE280E	✖
5 ▼	Varbind	Contains ▼	ITAPE272E	✖

Rearm Criteria ?

Match ALL of the following (AND)   ● Match Any of the following (OR)

| 1 ▼ | Varbind | Equals ▼ | | ➕ |

1

Links and References

[SNMP Trap Processing | OpManager Help (manageengine.com)](manageengine.com)
[Processing Traps | OpManager Help (manageengine.com)](manageengine.com)
[Common FAQs on SNMP Traps | OpManager Help (manageengine.com)](manageengine.com)
[Trap Variables | OpManager Help (manageengine.com)](manageengine.com)