

## Summary

[+ ZBXNEXT-158- ability to use discovery returned string as hostname](#) [OPEN](#)

Currently only DNS or IP address can be used as the hostname when doing Network discovery. But many network hosts actually already have a name defined! Let's use it.

## Zabbix Acceptance

1. Discovery action operation 'Add hostname' must be extended with additional attributes:
  - i. "Hostname" = DNS (default) | IP | Received value
  - ii. "Visible name" = None(default) | IP | DNS | Received value
- b. DNS must fallback to IP if DNS entry not found
2. It must be possible to use the value returned by the following type of discovery checks:
  - a. Zabbix agent
  - b. SNMP agent of any type
3. Fallback to create host using IP address as a hostname and log a warning message in zabbix log if returned value for 'hostname' ...
  - a. Contains not allowed characters for Zabbix hostname
  - b. There is no returned value (no such counter, empty string etc....)
  - c. Such hostname already exists
  - d. Any other error that prevents from using this value
4. Do not set any host visible and log a warning message in zabbix log if returned value for 'visible name' ...
  - a. Contains not allowed characters for Zabbix visible name (such as carriage return?)
  - b. There is no returned value (no such counter, empty string etc....)
  - c. Any other error that prevents from using this value

## Business Use Cases

1. Discover multiple SNMP network devices by scanning network. Assign proper names to them automatically.
2. Discover multiple servers with Zabbix agent running by scanning network. Assign proper names to them automatically.

## Open Questions

- No

## Change Log

- 1.0 published 12 Nov 2018.